

Fișa de verificare a îndeplinirii standardelor minime CNATDCU

Comisia: Inginerie Mecanică, Mecatronică și Robotică

Nume, Prenume **TODORUȚ Ioan-Adrian**
Funcția didactică **Profesor**
Departamentul **Autovehicule Rutiere și Transporturi**
Facultatea **Autovehicule Rutiere, Mecatronică și Mecanică**
Universitatea **Tehnică din Cluj-Napoca**

Concurs de abilitare: Conf. Dr. Ing. Ioan-Adrian TODORUȚ

DOMENIUL: INGINERIE MECANICĂ

Specificatie	Domeniul activitatilor	Indicator	Punctaj obtinut	Punctaj minim grila	Realizare Indicatori
Activitatea didactica/profesionala	A.1.1	N1	4.00	2.00	Indeplinit
		N1.1	2.00	1.00	Indeplinit
		N1.3	4.00	1.00	Indeplinit
	A.1.2	N2	7.00	4.00	Indeplinit
		N.2.1	5.00	2.00	Indeplinit
Activitatea de cercetare	A2.1+A2.3	P1+P2	17.40	10.00	Indeplinit
		P1	17.40	6.00	Indeplinit
	A2.2	N3	25.00	10.00	Indeplinit
		N3.1	12.00	5.00	Indeplinit
	A2.4+A2.5	N4	3.00	2.00	Indeplinit
		N4.3	1.00	1.00	Indeplinit
Recunoasterea impactului activitatii	A3.1	S1+S2	56.72	50.00	Indeplinit
	A3.2	N5	73.00	10.00	Indeplinit
	A3.3	C	924.40	25.00	Indeplinit

Total 1114.52 114.00

Data: 10.01.2020

Cadru didactic,
Conf. Dr. Ing. Ioan-Adrian TODORUȚ

N.1.1 **Manuale suport de curs (conf. Fisei disciplinei)**

Format tiparit/electronic (minim 100 pagini)

Prim autor

Nr. Crt	Autorii	Nr. Autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
1	Todoruț, A.	1	Dinamica accidentelor de circulație	U.T.PRESS, Cluj-Napoca	2008	978-973-662-383-7	1.00
2	Todoruț, A.	1	Bazele dinamicii autovehiculelor. Algoritmi de calcul, teste, aplicații	Sincron, Cluj-Napoca	2005	973-9234-60-7	1.00
Total							2.00

N1.2 **Manuale suport de curs (conf. Fisei disciplinei)**

coautor

Format tiparit/electronic (minim 100 pagini)

Nr. Crt	Autorii	Numar autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
			Combustibili pentru automobile:				
1	Barabás, I.; Todoruț, I.-A.	2	testare, utilizare, evaluare	U.T.PRESS, Cluj-Napoca	2010	978-973-662-595-4	1.00
2	Cordoș, N.; Burnete, N.; Todoruț, A.	3	Coliziunea automobilelor	TODESCO, Cluj-Napoca	2003	973-8198-26-7	1.00
Total							2.00

N1.3 **Manuale suport de curs (conf. Fisei disciplinei)**

Format electronic disponibil pe platforma univ/fac/dep -autor

Nr. Crt	Autorii	Adresa de site	Anul postarii	nr. Autori	punctaj
1	Todoruț, I.-A.; Barabás, I.; Burnete, N.	https://art.utcluj.ro/colectiv/books/todorut/764-4_SASTR.pdf	2018	3	1.00
2	Todoruț, A., Cordoș, N.	https://art.utcluj.ro/colectiv/books/todorut/267-0_MF-M_DACR.pdf	2018	2	1.00
3	Todoruț, A.	https://art.utcluj.ro/colectiv/books/todorut/383-7_DAC.pdf	2019	1	1.00
4	Todoruț, A.	https://art.utcluj.ro/colectiv/books/todorut/60-7_BDA.pdf	2019	1	1.00
Total					4.00

N2.1 Standuri de laborator (constructier/modernizari) certificate de directorul de departament

Nr. Crt.	Denumire stand/an constructie sau modernizare	Anul constructie/ modernizare	Punctal individual
1	Stand mobil pentru măsurarea încărcărilor dinamice ale punților/roților autovehiculelor	2019	1.00
2	Stand mobil pentru studiul parametrilor capacității de frânare a autovehiculelor	2018	1.00
3	Machete auto funcționale, echipate cu senzori pentru studiul depășirii în siguranță a autovehiculelor	2018	1.00
4	Stand mobil pentru studiul parametrilor care caracterizează vibrațiile autovehiculelor	2017	1.00
5	Stand - sistem de lanțuri antiderapante automate pentru îmbunătățirea siguranței autovehiculelor	2011	1.00
Total			5.00

N2.2 **Indrumator laborator/carte si maplicatii format tiparit sau electronic**
autor, co-autor

Nr.crt.	Autori	Nr. Autori	Titlul	Anul editarii	ISBN	Punctaj individual
1	Todoruț, A.; Cordoș, N.	2	Modele fizico-matematice în dinamica accidentelor de circulație rutieră, Cluj-Napoca, Editura U.T.PRESS	2017	978-606-737-267-0	1.00
2	Cordoș, N.; Todoruț, A.	2	Dinamica autovehiculelor pe roți. Teste și aplicații. Cluj-Napoca, Editura TODESCO	2001	973-99779-9-5	1.00
Total						2.00

N2.3 **Aplicatie informatica educationala**
autor, co-autor

Nr.crt.	Autori	Nr. Autori	Titlul	Anul editarii	adresa web	Punctaj individual
						0.00
	Total					0.00

N3.1 **Articole si publicatii BDI (neincluse in A2.1)**
prim autor sau autor corespondent

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum/ Anul publicarii	pagini (de la .. pana la:)	Punctaj individual
1	Todoruț, A.; Cordoș, N.; Bălcău, Monica	3	Ways to Evaluate the Transversal Stability Parameters of the Vehicles. https://atna-mam.utcluj.ro/index.php/Acta/article/view/1010/937 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000468025900006	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 61, Issue III 2018	10 pagini (323- 332)	1.00
2	Todoruț, A.; Cordoș, N.; Bălcău, Monica; Toacă, A.	4	Evaluating the Influence of the Parameters that Characterise the Traffic Incidents by Using the Sensitivity Analysis of the Obtained Results. https://atna-mam.utcluj.ro/index.php/Acta/article/view/980/926 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000437045000005	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 61, Issue II 2018	8 pagini (181- 188)	1.00
3	Todoruț, A.; Cordoș, N.; Barabás, I.; Miheț, S.	4	Evaluation by Experimental Methods of the Parameters that Influence the Behavior of Various Passenger Cars Classes in the Braking Process. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_8 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400008, Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.)) / ISBN: 978-3-319- 45446-7 (Print), 978-3-319- 45447-4 (eBook)	2017	8 pagini (75-82)	1.00

4	Todoruț, A.; Cordoș, N.; Marian, A.; Bălcău, Monica	Evaluation of the Transversal Stability Parameters for the Vehicles with Two Wheels Locate in Parallel, Segway Type. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/874 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416960900007	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue II	2017	12 pagini (205-216)	1.00
5	Todoruț, A.; Cordoș, N.; Barabás, I.; Bălcău, Monica	Algorithm for Plotting the Power and Traction Characteristics of the Motor Vehicles. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/837 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416959000013.	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue I	2017	8 pagini (83-90)	1.00
6	Todoruț, A.; Cordoș, N.; Barabás, I.; Bălcău, Monica; Miheț, S.	STUDIES ON THE BRAKING BEHAVIOUR OF THE VEHICLES USING NUMERICAL MODELS AND COMPUTERIZED SIMULATION. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/805 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416957100005	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 59, Issue IV	2016	10 pagini (369-378)	1.00
7	Todoruț, A.; Cordoș, N.; Barabás, I.; Mureșan, R.D.; Bălcău, Monica	Comparative study on the dynamic behaviour in cornering from different classes of passenger cars, by experimental and simulation methods. http://atna-mam.utcluj.ro/index.php/Acta/article/view/790 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387967500008	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 59, Issue III	2016	12 pagini (285-296)	1.00
8	Todoruț, A.; Cordoș, N.; Barabás, I.; Bălcău, Monica	Aspects regarding the numerical modeling of traffic incidents between motorcycles and passenger cars. http://atna-mam.utcluj.ro/index.php/Acta/article/view/768 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387967100002	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 59, Issue II	2016	12 pagini (169-180)	1.00

9	Todoruț, A.; Cordoș, N.; Barabás, I.; Bălcău, Monica	Aspects regarding the numerical modelling of pedestrian-vehicle accidents when both parties have continuous visibility of each other in traffic. http://www.atnamam.utcluj.ro/index.php/Acta/article/view/724 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387966300007	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 58, Issue IV	10 pagini (537- 546)	2015	1.00
10	Todoruț, A.; Cordoș, N.; Burdea, M.D.; Bălcău, Monica	The evaluation of normal load redistribution on the static axles and on the wheels, when the vehicle is in motion. http://www.atnamam.utcluj.ro/index.php/Acta/article/view/695 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000422406600006	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 58, Issue III	12 pagini (349- 360)	2015	1.00
11	Todoruț, A.; Cordoș, N.; Barabás, I.; Bălcău, Monica	The evaluation of kinematic measures which characterize the vehicle-pedestrian accidents. http://www.atnamam.utcluj.ro/index.php/Acta/article/view/513 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387964500005	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 58, Issue I	10 pagini (31-40)	2015	1.00
12	Barabás, I.; Todoruț, I.-A. (autor corespondent)	Utilization of Biodiesel-Diesel-Ethanol Blends in CI Engine. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/27137, Chapter 14, pp. 215-234, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/utilization-of-biodiesel-diesel-ethanol-blends-in-ci-engine ; http://apps.webofknowledge.com - Web of Science Core Collection – WOS:000385799400015.	Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0		20 pagini (215- 234)	2011	1.00
Total							12.00

N3.2 **Articole si publicatii BDI (neincluse in A2.1)**
co-autor

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum/ Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Punctaj individual
1	N Cordoş, A Todoruţ, I Barabás	3	Evaluation of the tire pressure influence on the lateral forces that occur between tire and road. http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012011/meta ; jsessionId=DE1B4ACD284A67A38A3D660D319F68BE.c1.iopscience.cld.iop.org, http://www.scopus.com , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200011	CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, IOP Conference Series: Materials Science and Engineering / ISSN: 1757-1757-8981	Volume 252, 012011 / ISSN: 1757-8981	2017	6 pagini (1-6)	1.00
2	I Barabás, A Todoruţ, N Cordoş, A Molea	4	Current challenges in autonomous driving. http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta ;jsessionId=EAD0BD9FCE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org, http://www.scopus.com , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200096	CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, IOP Conference Series: Materials Science and Engineering / ISSN: 1757-1757-8981	Volume 252, 012096, ISSN: 1757-8981	2017	6 pagini (1-6)	1.00
3	Barabás, I.; Todoruţ, A.; Cordoş, N.	3	Estimation of Boiling Points of Brake Fluids. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400024, 3 Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.)) / ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook)		2017	8 pagini (209-216)	1.00

4	Cordoș, N.; Todoruț, A.; Barabás, I.; Mureșan, R.D.	Evaluation of the Behavior in Cornering for Different Classes of Passenger Cars by Numerical Modeling. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_9 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400009, 4 Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.) / ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook)	7 pagini 2017 (83-89)	1.00
5	Cordoș, N.; Todoruț, A.; Burdea, M.D.; Bălcău, Monica	Comparative study on the dynamic axle loads and on the dynamic wheels loads of different classes cars. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/903 , http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416962000007	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue III 2017	12 pagini (377-388) 1.00
6	Barabás, I.; Todoruț, A.; Cordoș, N.	An artificial neural network approach to estimate the viscosity of biodiesel-diesel-ethanol blends. http://atna-mam.utcluj.ro/index.php/Acta/article/view/784 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387967500002	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 59, Issue III 2016	6 pagini (245-250) 1.00
7	Cordoș, N.; Marinică, M.; Todoruț, A.; Bălcău, Monica	Possibilities of creating an accidentology database. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/542 , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387965200009	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 58, Issue II 2015	8 pagini (205-212) 1.00
8	Cordoș, N.; Todoruț, A.; Barabás, I.	Exhaust Emissions of a Medium Power Diesel Engine Operated with Biodiesel. doi:10.4028/www.scientific.net/AEF.8-9.93, http://www.ttp.net/2234-9898.html , http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000323184000012	Advanced Engineering Forum / ISSN 2234-991X	Vols. 8-9 2013	10 pagini (93-102) 1.00

9	Barabás, I.; Todoruț, I.-A.	Biodiesel Quality, Standards and Properties. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/25370, Chapter 1, pp. 3-28, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/biodiesel-quality-standards-and-properties , http://apps.webofknowledge.com - Web 2 of Science Core Collection - WOS:000385799400002	Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0 The 5th International Conference: Robotics 2010, Cluj- Napoca, Solid State Phenomena / ISSN: 1012-0394, ISBN / ISBN- 13: 3-908451-88-4 / 978-3- 908451-88-4	Vols. 166-167	26 pagini (3- 2011 28)	1.00
10	D.L. Barabás, I.; Todoruț, I.- A.; Kocsis, L.B.; Băldean,	Automated Test Bench for Study of the Fuel Injection Process. http://www.ttp.net/1012-0394.html , doi:10.4028/www.scientific.net/SSP.166-167.39, http://apps.webofknowledge.com - Web of Science Core 4 Collection - WOS:000289532000005	SAE2010, Powertrains Fuels & Lubricants Meeting / ISSN 0148- 7191		6 pagini 2010 (39-44)	1.00
11	Barabás, I.; Todoruț, A.	Chassis Dynamometer and Road Test Performances of Biodiesel-Diesel Fuel-Bioethanol Blend. http://papers.sae.org/2010-01-2139/ , http://www.sae.org/calendar/techsess/182214.pdf . http://www.sae.org/technical/papers/2010-01-2139 , 2 http://www.scopus.com	SAE2009 International Powertrains, Fuels and Lubricants Meeting / ISSN 0148- 7191		12 pagini 2010	1.00
12	Barabás, I.; Todoruț, A.	Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. http://www.sae.org/technical/papers/2009-01- 1810 , http://papers.sae.org/2009-01-1810 , 2 http://www.scopus.com	8th Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of VSDIA2002) / ISBN 963-420-817- 7		6 pagini 2009	1.00
13	Cordoș, N.; Filip, N.; Burnete, N.; Todoruț, A.; Holom, F.	Experimental research regarding automobiles brake 5 capacity. http://www.scopus.com			7 pagini (425- 2002 431)	1.00
Total						13.00

P1.1 **Articole și publicații științifice indexate Web of Science - Thomson Reuters *, ****
Autor corespondent/Prim autor **maxim 3 autori**

Nr. crt.	Autor corespondent=2; Prim autor=1	Nume autori	Titlul lucrării	Denumire Jurnal /ISSN	Volum/Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Punctaj individual pt n max 3
					Published online: 02 December 2019, https://pp.bme.hu/ch/article/view/14757/8 560, doi: https://doi.org/10.3311/PPch.14757				3.16
1	1	Todoruț, A.; Molea, A.; Barabás, I.	Predicting the Temperature and Composition-Dependent Density and Viscosity of Diesel Fuel–Ethanol Blends	Polytechnica Chemical Engineering (Period. Polytech. Chem. Eng.) / Online ISSN: 1587-3765, Print ISSN: 0324-5853		2019	8 pagini	1.382	
					Accepted: 08 October 2019, DOI: 10.15244/pjoes/112899 , will be included in Vol. 29, 4, 2020			2.77	
2	1	Todoruț, A.; Cordoș, N.; Iclodean, C.	Replacing the diesel buses with electric buses for sustainable public transportation and reduction the CO2 emissions	Polish Journal of Environmental Studies (Pol. J. Environ. Stud.) / ISSN 1230-1485		2020	16 pagini	1.186	
Total									5.94

* Trebuie sa fim atenti sa nu raportam lucrari ca fiind publicate intr-un jurnal cu IF (de exemplu, din Elsevier) cand, de fapt, ele sunt publicate intr-un jurnal cu un titlu asemanator

** Nu se iau in considerare decat lucrarile in extenso (cu cel putin 6 pagini, prin exceptie putand avea si minim 4 pagini), in niciun caz abstracte, indiferent ca au aparut intr-un Book of abstracts, sau intr-un jurnal.

P1.2 **Articole și publicații științifice indexate Web of Science - Thomson Reuters *, ****
Autor corespondent/Prim autor *mai mult de 4 autori inclusiv*

Nr. crt.	Autor corespondent =2; Prim autor=1	Numar autori	Nume autori	Titlul lucrării	Denumire Jurnal/ ISSN	Volum/ Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Punctaj individual
										0.00
Total										0.00

P1.3 **Articole și publicații științifice indexate Web of Science - Thomson Reuters**

co-autor

maxim 3 autori

Nr.crt	Nume autori	Titlul lucrării	Denumire Jurnal/ ISSN	Volum/Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Numar autori	Punctaj individual
1	Iclodean, C.; Cordoș, N.; Todoruț, A.	Analysis of the Electric Bus Autonomy Depending on the Atmospheric Conditions	Energies / ISSN 1996-1073	Volume 12, Issue 23, 4535	2019	23 pagini (1-23)	2.707	3	2.91
2	Barabás, I.; Todoruț, I.-A.	Predicting the Temperature Dependent Viscosity of Biodiesel – Diesel – Bioethanol Blends	Energy & Fuels / ISSN 1520-5029	Volume 25, Issue 12	2011	8 pagini (5767-5774)	3.024	2	3.22
3	Barabás, I.; Todoruț, A.; Băldean, D.	Performance and emission characteristics of an CI engine fueled with diesel-biodiesel-bioethanol blends	Fuel / ISSN 0016-2361	Volume 89, Issue 12	2010	6 pagini (3827-3832)	5.128	3	5.33
Total									11.46

P1.4

Articole și publicații științifice indexate Web of Science - Thomson Reuters
co-autor ***mai mult de 3 autori***

Nr. crt	Nume autori	Titlul lucrării	Denumire Jurnal/ISSN	Volum/ Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Numar autori	Punctaj individual
									0.00
Total									0.00

P2.1<4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Prim autor/autor corespondent

maxim 3 autori

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.1>4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Prim autor/autor corespondent

minim 4 autori

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2<4 **Brevete indexate OSIM**
Prim autor/autor corespondent

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2>4 **Brevete indexate OSIM**
Prim autor/autor corespondent

minim 4 autori inclusiv

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2.1<4 Brevete internationale indexate in Web of Science-Derwent Innovation

Co-autor

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2.1>4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Co-autor

minim 4 autori inclusiv

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2.2<4

Brevete indexate OSIM; co-autor;

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

P2.2.2>4

Brevete indexate OSIM; co-autor;

minim 4 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
Total					0.00

Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)

N4.1-2

Nr.crt	Denumire produs	anul validării/mod validare (procedura)	Numar contributori	Calitatea:1 - coordonator; 2 membru in echipa	Punctaj individual
1					0.00
	Total				0.00

N4.3 **Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)**

prim autor

Nr.crt	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	Todoruț, I.-A.; Barabás, I.; Burnete, N.	Siguranța autovehiculelor și securitatea în transporturi rutiere	U.T.PRESS, Cluj-Napoca	2012	978-973-662-764-4	360	1.00
Total							1.00

N4.4 **Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)**

co - autor

Nr.crt	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	Barabás, I.; Todoruț, I.-A.; Zöldy, M. et al.	Energy Science and Technology, Volume 3: Oil and Natural Gas, Chapter 21, The Potential of Biodiesel–Petrodiesel–Bioethanol Blends as an Alternative Fuel for Compression Ignition Engines	Studium Press LLC, U.S.A., Houston, Editors: Umesh Chandra Sharma, Ram Prasad, Sri Sivakumar, Executive Editor: J.N. Govil	2015	ISBN 978-1-626990-64-7, ISBN 1-62699-064-6, Series ISBN 1-62699-061-1	644	1.00
2	Burnete, N.; Bățaga, N.; Brânzaș, P.; Naghiu, A.; Filip, N.; Barabás, I.; Todoruț, A.; Cordoș, N.N.; Chintoanu, M.; Coman, Virginia; Ábrahám, B.; Ivan, I.; Coldea, C.; Varga, B.; Costea, C.; Borza, E.; Vlad, N.	Rapița - o provocare pentru fermieri și energeticieni	Sincron, Cluj-Napoca	2004	973-9234-57-7	218	1.00
Total							2.00

N5 **Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat**

Nr. Crt.	Tipul activitatii: conferinta/congres=1; workshop international=2; profesor invitat=3	Denumire Congress, workshop/Institutie unde a fost invitat	Anul /perioada (pt. prof. invitat)	Titlul lucrarii sustinute in calitate de autor sau co-autor/ Prelegeri expuse pt profesor invitat	link email/alte modalitati de justificare a activitatii	Punctaj realizat
1		The IVth International Congress of Automotive and Transport Engineering – “Automobiles, Mobility, Modeling and Alternative solution – AMMA2018”, 17-19 octombrie 2018, Cluj-1 Napoca, Romania	2018	Todoruț, A.; Cordoș, N. Evaluation of the Vehicle Sideslip Angle According to Different Road Conditions. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 814-819. AMMA 2018. Proceedings in Automotive Engineering. Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_95 , First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786.	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_95 , https://www.springer.com/us/book/9783319944081	1.00
2		The IVth International Congress of Automotive and Transport Engineering – “Automobiles, Mobility, Modeling and Alternative solution – AMMA2018”, 17-19 octombrie 2018, Cluj-1 Napoca, Romania	2018	Cordoș, N.; Todoruț, A. Influences of the Suspensions Characteristics on the Vehicle Stability. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 808-813. AMMA 2018. Proceedings in Automotive Engineering. Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_94 , First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786.	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_94 , https://www.springer.com/us/book/9783319944081	1.00

3	<p>CAR-2017, The International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 1 2017</p>	<p>I Barabás, A Todoruț, N Cordoș, A Molea. Current challenges in autonomous driving. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012096, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ștefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012096, (I Barabás et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 252 012096), http://www.scopus.com, http://apps.webofknowledge.com - 2017 Web of Science Core Collection, WOS:000419817200096.</p>	<p>http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta;jsessionid=EAD0BD9FCE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org</p>	1.00
4	<p>CAR-2017, The International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 1 2017</p>	<p>N Cordoș, A Todoruț, I Barabás. Evaluation of the tire pressure influence on the lateral forces that occur between tire and road. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012011, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ștefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012011, (N Cordoș et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 252 012011), http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, 2017 WOS:000419817200011.</p>	<p>http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012011/meta;jsessionid=DE1B4ACD284A67A38A3D660D319F68BE.c1.iopscience.cld.iop.org</p>	1.00
5	<p>CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October, 1 2016</p>	<p>Todoruț, A.; Cordoș, N.; Barabás, I.; Miheț, S. Evaluation by Experimental Methods of the Parameters that Influence the Behavior of Various Passenger Cars Classes in the Braking Process. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_8, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 75-82, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400008, Conference 2016 Proceedings Citation Index- Science.</p>	<p>http://link.springer.com/chapter/10.1007/978-3-319-45447-4_8</p>	1.00

6	<p>CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October, 1 2016</p>	<p>Barabás, I.; Todoruț, A.; Cordoș, N. Estimation of Boiling Points of Brake Fluids. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_24, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 209-216, http://apps.webofknowledge.com - Web of Science Core Collection - 2016 WOS:000390821400024, Conference Proceedings Citation Index- Science.</p>	<p>http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24</p>	1.00
7	<p>CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October, 1 2016</p>	<p>Cordoș, N.; Todoruț, A.; Barabás, I.; Mureșan, R.D. Evaluation of the Behavior in Cornering for Different Classes of Passenger Cars by Numerical Modeling. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_9, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 83-89, http://apps.webofknowledge.com - Web of Science Core Collection - 2016 WOS:000390821400009, Conference Proceedings Citation Index- Science.</p>	<p>http://link.springer.com/chapter/10.1007/978-3-319-45447-4_9</p>	1.00
8	<p>3rd International Congress Science and Management of Automotive and Transportation Engineering (SMAT2014) 23rd - 25th of October 2014, Craiova, 1 Romania</p>	<p>Cordoș, N.; Zsoldics, B.; Todoruț, A.; Barabás, I.; Bălcău, Monica. Evaluation of the parameters that influencing the vehicles equilibrium state of cornering displacement. În: 3rd International Congress Science and Management of Automotive and Transportation Engineering (SMAT2014) 23rd - 25th of October 2014, Craiova, Romania, Section: Modern Transport Systems and Road Traffic, Paper Identification Number: SMAT 2014-MTSRT41, Proceeding, Tome I, pg. 171-180, Published by Universitaria 2014 Craiova, ISBN: 978-606-14-0864-1, 978-606-14-0865-8.</p>	<p>http://mecanica.uv.ro/ViataAcademica/Conferinte/smat2014/Pages/Program%20SMAT%202014.pdf</p>	1.00

9	3rd AMMA International Congress "Automotive, Motor, Mobility, Ambient" - AMMA 2013, 17-19 October 2013	Todoruț, I.-A.; Barabás, I.; Cordoș, N.; Moldovanu, D.; Bălcău, Monica. The evaluation of kinematic measures within the process of overtaking motor vehicles. În: 3rd AMMA International Congress "Automotive, Motor, Mobility, Ambient" - AMMA 2013, 17-19 October 2013. Paper Identification Number: AMMA2013_412. Published - Acta Technica Napocensis - Scientific Journal of Technical University of Cluj-Napoca, Series Environmental Engineering & Sustainable Development Entrepreneurship (EESDE), Special Edition AMMA 2013, Volume 3, Issue 1, Special Edition (January – March 2014), pg. 29-44, ISSN: 2284-743X; ISSN-L: 2284-743X, U.T.Press Publishing House Cluj-Napoca.	http://amma2013.utcluj.ro/images/program.pdf , http://imadd.utcluj.ro/eesde/welcome.html , http://imadd.utcluj.ro/eesde/welcome_files/Special%20Edition%20AMMA_2013_1.pdf	1.00
10	CAR2011, The 10th International Automotive Congress "Automotive and Environment" from 2th to 4th of November, Pitesti, Romania	Todoruț, I.-A.; Barabás, I.; Burnete, N.V.; Budișan, T. The dynamic loads' evaluation from the crank mechanism of the diesel engine fueled with biodiesel obtained from used sunflower oil. În: The 10th International Automotive Congress "Automotive and Environment" CAR2011, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20111298, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2011/CAR2011-1298.	Paper Code: CAR2011/CAR2011-1298	1.00
11	CAR2011, The 10th International Automotive Congress "Automotive and Environment" from 2th to 4th of November, Pitesti, Romania	Barabás, I.; Todoruț, I.-A.; Bălcău, Monica. Fitting biodiesel-diesel-bioethanol blends to CI engines. În: the 10th International Automotive Congress "Automotive and Environment" CAR2011, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20111292, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2011/CAR2011-1292.	Paper Code: CAR2011/CAR2011-1292	1.00
12	The XXV. microCAD - International Scientific Conference, microCAD2011, 31 March – 1 April, University of Miskolc, Hungary	Barabás, I.; Todoruț, A. Studies on Compatible Fuel Properties of Biodiesel–Diesel Fuel–Bioethanol Blends for Fuel Use in Compression Ignition Engines. În: The XXV. microCAD - International Scientific Conference, microCAD2011, 31 March – 1 April, University of Miskolc, Hungary. Section A: Environmental and Energy Management, pg. 15-20. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdászám: ME.Tu-162/2011. ISBN 978-963-661-954-1.	http://www.unimiskolc.hu/~microcad/a.html	1.00

13	<p>The XIth Edition, International Congress on Automotive and Transport Engineering, CONAT2010, 1 Braşov, 27-29 October</p>	<p>Barabás, I.; Todoruţ, A.; Kocsis, L.; Ignat, A.D. Rapid fuel properties estimation through chemometric modeling of nir spectra. În: International Congress on Automotive and Transport Engineering, CONAT2010, Braşov, The XIth Edition, 27-29 October, Volume III of VI, pg. 153-160, ISSN 2069-2010 0401, Paper Identification Number: CONAT20102032.</p>	<p>Paper Identification Number: CONAT20102032</p>	1.00
14	<p>The 5th International Conference: Robotics 2010, Cluj-Napoca, Romania, 23- 1 25 September</p>	<p>Barabás, I.; Todoruţ, I.-A.; Kocsis, L.B.; Băldean, D.L. Automated Test Bench for Study of the Fuel Injection Process. În: The 5th International Conference: Robotics 2010, Cluj-Napoca, Romania, 23-25 September. Solid State Phenomena Vols. 166-167/2010, pg. 39-44, ISSN: 1012-0394, ISBN / ISBN-13: 3-908451-88-4 / 978-3-908451-88-4, Phenom Publisher: Trans Tech Publications Ltd, Switzerland, doi:10.4028/www.scientific.net/SSP.166-167.39. Indexed by Elsevier: SCOPUS -http://www.scopus.com. Ei Compendex (CPX) - www.ei.org/, Cambridge Scientific Abstracts (CSA) - www.csa.com, Chemical Abstracts (CA) - www.cas.org, Google and Google Scholar - google.com, Institution of Electrical Engineers (IEE) - www.iee.org, ISI (ISTP, CPCI, Web of Science - http://apps.webofknowledge.com - Web of Science Core Collection - 2010 WOS:000289532000005) - www.isinet.com etc.</p>	<p>http://www.ttp.net/1012-0394.html</p>	1.00
15	<p>18th International Conference in Mechanical Engineering, OGÉT2010, Baia Mare, April 22-25, 3 2010 - Profesor invitat</p>	<p>Barabás, I.; Todoruţ, A.; Kocsis, L. Research on Diesel Fuel-biodiesel-ethanol Blends. În: 18th International Conference in Mechanical Engineering, OGÉT2010 - Presented at the OGÉT plenary session, Baia Mare, April 22-25, 2010 pg. 11-16. Print Incitato, Cluj-Napoca, ISSN 2068-1267.</p>	<p>http://oget.emt.ro/emt_oget_program_2010.pdf</p>	1.00
16	<p>18th International Conference in Mechanical Engineering, OGÉT2010, 1 Baia Mare, April 22-25, 2010</p>	<p>Barabás, I.; Todoruţ, A.; Kocsis, L. Comparative Road Performance Test Results of Biodiesel-diesel Fuel-ethanol Blends. În: 18th International Conference in Mechanical Engineering, OGÉT2010, Baia Mare, April 22-25, 2010 pg. 52-55. Print Incitato, Cluj-Napoca, ISSN 2068-1267.</p>	<p>http://oget.emt.ro/emt_oget_program_2010.pdf</p>	1.00

17	The 8th International Automotive Congress - ESFA2009, 12-14 November, Bucharest, 1 Romania	Barabás, I.; Todoruț, A.; Burnete, N. Comparative Performance and Emissions Study of a Direct Injection Diesel Engine using Bio-Diesel obtained from used Cooking Oil. În: The 8th International Automotive Congress - ESFA2009, 12-14 November, Bucharest, Romania. Fuel Economy, Safety and Reliability of Motor Vehicles, Volume 1, Published by Politehnica Press, Bucharest, ISSN: 2067-1083, pg. 67-72. Paper Identification Number: E09A106, indexată în BDI (International Federation of Automotive Engineering Societies) - Paper Code: ESFA 09/E09A106.	Paper Code: ESFA 09/E09A106	1.00
18	12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, 1 Slovakia	Barabás, I.; Todoruț, A.; Băldean, D.; Suciu, F. Experimental study on the spray characteristics for diesel fuel and biodiesel-diesel fuel-bioethanol blends. În: 12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia. Published by: Slovak Society of Automotive Engineers Bratislava c/o SJF STU, Nám. slobody 17, 812 31 Bratislava, Slovak Republic. Edited by: E&CC Intenzíva Ltd, BIZNISUITE, Kutlíkova 17, 851 02 Bratislava. Printed and bound by: AD Team Ltd., Poľná 25/2974, 917 01 Trnava, Slovak Republic, ISBN: 978-80-969243-8-7. Paper Identification Number: E2009-02-009.	Paper Identification Number: E2009-02-009	1.00
19	12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, 1 Slovakia	Barabás, I.; Todoruț, A.; Băldean, D.; Suciu, F. Key fuel properties of biodiesel-diesel-bioethanol blends which influence the spray process. În: 12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia. Published by: Slovak Society of Automotive Engineers Bratislava c/o SJF STU, Nám. slobody 17, 812 31 Bratislava, Slovak Republic. Edited by: E&CC Intenzíva Ltd, BIZNISUITE, Kutlíkova 17, 851 02 Bratislava. Printed and bound by: AD Team Ltd., Poľná 25/2974, 917 01 Trnava, Slovak Republic, ISBN: 978-80-969243-8-7. Paper Identification Number: E2009-02-013.	Paper Identification Number: E2009-02-013	1.00
20	International Powertrains, Fuels and Lubricants Meeting, June 15-17, 2009, 1 Florence, Italy	Barabás, I.; Todoruț, A. Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. În: SAE2009 International Powertrains, Fuels and Lubricants Meeting, June 15-17, 2009, Florence, Italy. Session: Alternative and Advanced Fuels. Paper Identification Number: 09SFL-0256_2009-01-1810, ISSN 0148-7191, DOI: 10.4271/2009-01-1810, http://www.scopus.com .	http://www.sae.org/technical/papers/2009-01-1810 ; http://papers.sae.org/2009-01-1810	1.00

21	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Efrim, R.M.; Todoruț, A. (coordinator) (2009). Study about improvement of the driver's protection by redesigning of the steering-wheel's column of the car Dacia Logan. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may, 2009 Editura U.T.PRESS, pg. 37-42, ISSN 2066-9577.	1.00
22	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Gavrilaș, C.A.; Todoruț, A. (coordinator) (2009). Study about the reconstruction of the accidents between a car and a motorcycle. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 43-48, ISSN 2066-9577.	1.00
23	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Iancu, A.C.; Todoruț, A. (coordinator) (2009). The evaluation of wheeled vehicle cornering parametres through computer simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 49-54, ISSN 2066-9577.	1.00
24	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Mnere, N.; Todoruț, A. (coordinator) (2009). A study on motor vehicle performances by numerical simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 59-64, ISSN 2066-9577.	1.00
25	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Obreja, M.V.; Todoruț, A. (coordinator) (2009). The study on evaluation of energy consumption of vehicles collision. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 65-68, ISSN 2066-9577.	1.00

26	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Pogăcean, A.C.; Todoruț, A. (coordinator) (2009). Study on the stability of vehicles on wheels, through computer simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 69-74, ISSN 2009 2066-9577.	1.00
27	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, 1 Cluj-Napoca, 14 may 2009	Polhac, D.; Todoruț, A. (coordinator) (2009). The evaluation of improvement possibilities of braking parametres of vehicles for improving road safety. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 75-78, ISSN 2066-9577.	1.00
28	The XXIII microCAD2009 - International Scientific Conference, 19-20 March, University of Miskolc, 1 Hungary	Barabás, I.; Todoruț, A.; Burnete, N. (2009). Possibilities of Recycling used Cooking Oil by Converting to Biofuels for Powering Compression Ignition Engines. În: The XXIII. microCAD2009 - International Scientific Conference, 19-20 March, University of Miskolc, Hungary. Section B: Waste Processing and Recycling, pg. 1-6. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdaszám: ME.Tu-109/2009. ISBN 978-963-661-866-7 Ö; ISBN 978-963-661-868-1.	1.00
29	The XXII microCAD2008 - International Scientific Conference, 20-21 March, University of Miskolc, 1 Hungary	Barabás, I.; Todoruț, A.; Suciu, F.; Baldean, D. (2008). Viscosity of Biodiesel-Diesel-Bioethanol Blends. În: microCAD2008 - International Scientific Conference, 20-21 March, University of Miskolc, Hungary. Section C: Non-Conventional Energy Resources-Research and Utilization, pg. 77-82. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdaszám: ME.Tu-174/2008. ISBN 978-963-661-812-4 Ö; ISBN 978-963-661-814-8.	1.00
30	16th International Conference in Mechanical Engineering, OGÉT2008, 1 Braşov, May 1-4 2008	Barabás, I.; Todoruț, A. (2008). Possibilities of using biodiesel-diesel-bioethanol blends as fuel for internal combustion engines. In: 16th International Conference in Mechanical Engineering, OGÉT2008, Braşov, 2008 May 1-4, (Technical Review, Special Issue, pg. 42-45), ISSN 1454-0746.	1.00

31	<p>International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 1 11-13 Octombrie, 2007</p>	<p>Todoruț, A.; Barabás, I.; Brânzaș, P. (2007). Analytical evaluation of the air excess coefficient as function of experimentally measured exhaust gas composition in the D-2402.200 engine using sunflower oil based fuels. În: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007615. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. IV, pg. 439-442, Editura U.T.PRESS, ISSN 1221-5872, IndexCopernicus™ International.</p>	<p>http://www.atnamam.utcluj.ro/id28.htm</p>	1.00
32	<p>International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 1 11-13 Octombrie, 2007</p>	<p>Todoruț, A.; Barabás, I.; Brânzaș, P. (2007). Comparative evaluation of the alternative fueled D-2402.000 diesel engine with sunflower oil based and diesel fuel theoretically and experimentally determined main parameters. În: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007523. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. V, pg. 325-328, Editura U.T.PRESS, ISSN 1221-5872, IndexCopernicus™ International.</p>	<p>http://www.atnamam.utcluj.ro/id29.htm</p>	1.00
33	<p>International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 1 11-13 Octombrie, 2007</p>	<p>Barabás, I.; Brânzaș, P.; Todoruț, A. (2007). Researches aiming partial substitution of diesel fuels for diesel engine with biodiesel-diesel-bioethanol mixtures. În: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007528. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. V, pg. 349-352, Editura U.T.PRESS, ISSN 1221-5872, IndexCopernicus™ International.</p>	<p>http://www.atnamam.utcluj.ro/id29.htm</p>	1.00
34	<p>11th European Automotive Congress (EAEC2007) “Automobile for the Future”, 30 May - 1 June, 1 Budapest, Hungary</p>	<p>Brânzaș, P.; Barabás, I.; Todoruț, A. (2007). Constructive and functional parameter limits of synchronization may interdict engine braking in downslope traffic. În: 11th European Automotive Congress (EAEC2007) “Automobile for the Future”, 30 May - 1 June, Budapest, Hungary, Paper Identification Number: PT-P04, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: EAEC-07/PT-P04.</p>		1.00

35	11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, 1 Budapest, Hungary	2007	Brânzaș, P.; Barabás, I.; Todoruț, A. (2007). First results of the ProSiguR road safety pilot project in Romania. În: 11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, Budapest, Hungary, Paper Identification Number: LE01-2, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: EAEC-07/LE01-2.		1.00
36	15th International Conference in Mechanical Engineering, OGÉT2007, Cluj-Napoca, April 26-29 1 2007	2007	Barabás, I.; Todoruț, A. (2007). Study of biofuel spray images. În: 15th International Conference in Mechanical Engineering, OGÉT2007, Cluj-Napoca, April 26-29, pg. 45-48 (Műszaki Szemle, nr. 38/2007). Printing Incitato Kft., Cluj-Napoca, Kiadja Erdélyi Magyar Műszaki Tudományos Társaság - EMT (Editor Hungarian Technical Scientific Society of Transylvania), ISSN 1454-0746.	http://www.emt.ro/downloads/muszaki_szemle/msz38.pdf	1.00
37	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, 1 Romania	2006	Todoruț, A.; Barabás, I.; Burnete, N.; Mariașiu, F. (2006). Evaluation of the main parameters of the D2402.000 engine that uses as sunflower oil based biofuels. În: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061034.	Paper Identification Number: MVT20061034	1.00
38	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, 1 Romania	2006	Todoruț, A.; Barabás, I.; Burnete, N.; Mariașiu, F. (2006). Chemical pollution evaluation of sunflower oil based biofuels blends. În: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061033, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20061033k.	Paper Identification Number: MVT20061033	1.00
39	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, 1 Romania	2006	Barabás, I.; Todoruț, A.; Brânzaș, P. (2006). Road safety performance indicators in Romania. În: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20064003, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20064003k.	Paper Identification Number: MVT20064003	1.00

40	<p>International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania</p>	<p>Barabás, I.; Todoruț, A.; Brânzaș, P.; Mariașiu, F. (2006). Comparative analysis of the atomization characteristics of biodiesel fuels. În: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timisoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061002k, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20061002.</p>	<p>Paper Identification Number: MVT20061002k</p>	1.00
41	<p>International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania</p>	<p>Mariașiu, F.; Todoruț, A.; Barabás, I.; Plaian, Liana (2006). Increasing active security of heavyduty vehicles using the active security system ESP (Electronic Security Program). În: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timișoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20062011, indexată în BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20062011.</p>	<p>Paper Identification Number: MVT20062011</p>	1.00
42	<p>14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureș, April 27-30, 2006</p>	<p>Barabás, I.; Todoruț, A. (2006). Waste vegetable oil as a diesel fuel. În: 14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureș, April 27-30, pg. 42-45. Press Incitato Kft., Cluj-Napoca, Erdélyi Magyar Műszaki Tudományos Társaság, ISBN (10) 973-7840-10-0; ISBN (13) 978-973-7840-10-2.</p>		1.00
43	<p>14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureș, April 27-30, 2006</p>	<p>Barabás, I.; Todoruț, A. (2006). Használt étolaj dízelmotorok hajtóanyagaként való hasznosítása. În: XIV. Nemzetközi Gépész Találkozó, OGÉT2006, április 27-30, Marosvásárhely. ISBN 973-7840-10-0; ISBN 978-973-7840-10-2.</p>		1.00
44	<p>The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania</p>	<p>Todoruț, A.; Burnete, N.; Barabás, I.; Coldea, C.; Mariașiu, F. (2005). Aspects regarding numerical calculus of gases exchange for compression ignition engines fueled with sunflower oil based fuels in comparison with mineral fuel. În: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051081.</p>	<p>Paper Identification Number: CAR20051081</p>	1.00

45	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of 1 November, Pitesti, Romania	2005	Barabás, I.; Burnete, N.; Todoruț, A.; Coldea, C.; Mariașiu, F. (2005). Experimentation with fuels based on sun flower oil on diesel engines. În: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051104.	Paper Identification Number: CAR20051104	1.00
46	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of 1 November, Pitesti, Romania	2005	Burnete, N.; Filip, N.; Naghiu, Al.; Chintoanu, M.; Todoruț, A.; Borza, E.; Coldea, C.; Varga, B.; Costea, A. (2005). Biofuels-diesel fuel mixtures - alternative fuels for running buses from big cities. În: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051077.	Paper Identification Number: CAR20051077	1.00
47	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of 1 November, Pitesti, Romania	2005	Burnete, N.; Naghiu, A.; Barabás, I.; Todoruț, A.; Teberean, I.; Vlad, N.; Costea, A.; Varga, B. (2005). Research regarding injection pressure influence on compressed ignited engines running on vegetal oil based fuels performances. În: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051078.	Paper Identification Number: CAR20051078	1.00
48	International Automotive Congress, CONAT2004, 1 Brașov, October 20-22, 2004	2004	Todoruț, A.; Burnete, N.; Barabás, I.; Varga, B.O.; Costea, A. (2004). Research concerning the pollution produced by the diesel engines running on mixture of diesel and biofuels. În: International Automotive Congress, CONAT2004, Brașov, October 20-22, Paper Identification Number: CONAT20042106.	Paper Identification Number: CONAT20042106	1.00
49	International Automotive Congress, CONAT2004, 1 Brașov, October 20-22, 2004	2004	Burnete, N.; Barabás, I.; Todoruț, A.; Varga, B.O. (2004). Evaluation of the performance and fuel consumption parameters of the D-118 engine that uses as fuel used oil from food industry. În: International Automotive Congress, CONAT2004, Brașov, October 20-22, Paper Identification Number: CONAT20042104.	Paper Identification Number: CONAT20042104	1.00

50	International Automotive Congress, CONAT2004, 1 Braşov, October 20-22, 2004	Burnete, N.; Naghiu, A.; Teborean, I.; Filip, N.; Todoruţ, A.; Barabás, I.; Varga, B.O.; Borza, E.; Coldea, C.; Vlad, N.; Bacu, F. (2004). Mixes of the diesel fuel with vegetal oil - alternative fuels for the diesel engines. În: International Automotive Congress, CONAT2004, Braşov, October 20-22, 2004 Paper Identification Number: CONAT20042114.	Paper Identification Number: CONAT20042114	1.00
51	8TH Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of 1 VSDIA2002)	Cordoş, N.; Filip, N.; Burnete, N.; Todoruţ, A.; Holom, F. (2002). Experimental research regarding automobiles brake capacity. În: 8TH Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of VSDIA2002), pg. 425-431, Faculty of Transportation Engineering, Budapest University of Technology and Economics, Hungary, Budapest, 11-13 November, ISBN 963-420-817-7, indexată în BDI SCOPUS, http://www.scopus.com.		1.00
52	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi 1 Fiabilitate	Burnete, N.; Baţagă, N.; Căzilă Aurica, Filip, N.; Todoruţ, A.; Coldea, C. (2001). Influences on the oil escapes above the first piston ring in the case of the spark ignition engines. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi 1 Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 237-240.		1.00
53	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi 1 Fiabilitate	Mariaşiu, F.; Barabás, I.; Todoruţ, A. (2001). Influenţa arhitecturii camerei de ardere asupra procesului de injecţie la motoarele cu aprindere prin comprimare. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 241-244.		1.00
54	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi 1 Fiabilitate	Barabás, I.; Brânzaş, P.; Todoruţ, A.; Barabás Judit-Eva (2001). Cercetări teoretice privind dependenţa dintre cifra octanica şi energia de ionizare a hidrocarburilor. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 245-248.		1.00

55	Conferința Științifică Internațională TMCR2001, 1 Chișinău, 23-25 mai	Burnete, N.; Cordoș, N.; Karamusantas, D.; Barabás, I.; Todoruț, A.; Mihăescu, M. (2001). Analiza comparativă prin elemente finite a solicitărilor unui organ al motorului cu ardere internă. În: Conferința Științifică Internațională TMCR2001, Chișinău, 23-25 mai, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pg. 446-449, Editare și multiplicare la secția de Redactare a UTM, ISBN 9975-9638-1-1.	2001	1.00
56	Conferința Științifică Internațională TMCR2001, 1 Chișinău, 23-25 mai	Cordoș, N.; Burnete, N.; Todoruț, A. (2001). Evaluarea gradului de etanșare a grupului cilindru-segment-piston de la motoarele cu ardere internă. În: Conferința Științifică Internațională TMCR2001, Chișinău, 23-25 mai, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pg. 462-465, Editare și multiplicare la secția de Redactare a UTM, ISBN 9975-9638-1-1.	2001	1.00
57	A XII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești”, Sebeș, 2012	Todoruț, A.; Barabás, I.; Cordoș, N. (2012), Posibilități de evaluare ai parametrilor capacității de demarare a autovehiculelor. În: Știință și Inginerie, Vol. 22, pg. 421-430. București, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ ,	2012	http://stiintasiinginerie.ro/22-57-possibilitati-de-evaluare-a-parametrilor-capacitatii-de-demarare-a-autovehiculelor/ 1.00
58	A XII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești”, Sebeș, 2012	Todoruț, A.; Barabás, I.; Cordoș, N. (2012), Modelarea reținerii pasagerului de către centura de siguranță. În: Știință și Inginerie, Vol. 22, pg. 431-440. București, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , https://journals.indexcopernicus.com , CABI, Index Copernicus.	2012	http://stiintasiinginerie.ro/22-58-modelarea-retinerii-pasagerului-de-catre-centura-de-siguranta/ 1.00

59	A XII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2012	Cordoș, N.; Todoruț, A.; Moldan, R. (2012), Aspecte cu privire la reconstrucția accidentelor rutiere bicicletă-automobil. În: Știință și Inginerie, Vol. 22, pg. 441-450. București, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , 2012 https://journals.indexcopernicus.com , CABI, Index Copernicus.	http://stiintasiinginerie.ro/22-59-aspecte-cu-privire-la-reconstrucția-accidentelor-rutiere-bicicleta-automobil/	1.00
60	A XI-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2011	Todoruț, A.; Barabás, I. (2011), Determinarea caracteristicilor fizico-chimice ale biocombustibililor pe bază de ulei alimentar uzat, în amestec cu motorina. În: Știință și Inginerie, Vol. 20, pg. 521-528. București, Editura AGIR, 2011, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , https://journals.indexcopernicus.com , CABI, 2011 Index Copernicus.	http://stiintasiinginerie.ro/20-75-determinarea-caracteristicilor-fizicochimice-ale-biocombustibililor-pe-baza-de-ulei-alimentar-uzat-in-amestec-cu-motorina/	1.00
61	A XI-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2011	Todoruț, A.; Barabás, I. (2011), Evaluarea distanței de siguranță dintre autovehicule la desprinderea din coloană, în vederea depășirii. În: Știință și Inginerie, Vol. 20, pg. 529-538. București, Editura AGIR, 2011, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , 2011 https://journals.indexcopernicus.com , CABI, Index Copernicus.	http://stiintasiinginerie.ro/20-76-evaluarea-distanței-de-siguranța-dintre-autovehicule-la-desprinderea-din-coloana-in-vederea-depasirii/	1.00
62	A X-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2010	Todoruț, A.; Barabás, I.; Brânzaș, P.; Gavrițaș, C.A. (2010), Reconstrucția accidentelor rutiere motocicletă-automobil. În: Știință și Inginerie, Vol. 17, pg. 135-144. București, Editura AGIR, 2010, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , https://journals.indexcopernicus.com , 2010 CABI, Index Copernicus.	http://stiintasiinginerie.ro/17-23-reconstrucția-accidentelor-rutiere-motocicleta-automobil/	1.00

63	A X-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2010	Barabás, I.; Todoruț, A.; Brânzaș, P. (2010), Sporirea siguranței rutiere prin îmbunătățirea calităților de frânare ale automobilelor. În: Știință și Inginerie, Vol. 17, pg. 145-154. București, Editura AGIR, 2010, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , 2010 https://journals.indexcopernicus.com , CABI, Index Copernicus.	http://stiintasiinginerie.ro/17-24-sporirea-siguranlei-rutiere-prin-imbunatalirea-calitalilor-de-franare-ale-automobilelor/	1.00
64	A X-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2010	Todoruț, A.; Barabás, I.; Brânzaș, P.; Szathmari, R. (2010). Studii asupra suspensiei unui autovehicul cu trei roți (trike) și asupra parametrilor dinamici ai acestuia. În: Știință și Inginerie, Vol. 17, pg. 533-542. București, Editura AGIR, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , https://journals.indexcopernicus.com , CABI, 2010 Index Copernicus.		1.00
65	A X-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2010	Barabás, I.; Todoruț, A.; Brânzaș, P.; Efrim, R.M. (2010). Îmbunătățirea protecției conducătorului auto prin reproiectarea coloanei volanului autoturismului Dacia Logan. În: Știință și Inginerie, Vol. 17, pg. 543-550. București, Editura AGIR, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/ , https://journals.indexcopernicus.com , CABI, 2010 Index Copernicus.		1.00
66	A IX-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2009	Todoruț, A.; Barabás, I.; Brânzaș, P. (2009), Evaluarea comparativă a parametrilor principali, calculați față de cei determinați experimental, ai motorului D-2402.000 alimentat alternativ cu combustibili pe bază de ulei alimentar uzat și motorină. În: Știință și Inginerie, Vol. 15, pg. 539-544. București, Editura AGIR, 2009, ISBN 973-8130-82-4, ISBN 978-973-720-245-2009 1.		1.00

67	<p>A IX-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2009</p>	<p>Todoruț, A.; Barabás, I.; Brânzaș, P. (2009), Evaluarea analitică al coeficientului de exces de aer în funcție de compoziția gazelor de evacuare măsurate experimental în cazul motorului D-2402.000 alimentat alternativ cu combustibili pe bază de ulei de floarea soarelui și motorină. În: Știință și Inginerie, Vol. 15, pg. 545-550. București, Editura AGIR, 2009, ISBN 973-2009 8130-82-4, ISBN 978-973-720-245-1.</p>	1.00
68	<p>A VII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2007</p>	<p>Todoruț, A.; Barabás, I. (2007). Simularea numerică a ciclului de lucru al motorului diesel alimentat cu combustibili pe bază de ulei de floarea soarelui uzat comparativ cu motorina. În: Știință și Inginerie, Vol. 11, pg. 425-430. București, Editura AGIR, 2007, ISBN 973-8130-82-4, ISBN 978-973-2007 720-122-5.</p>	1.00
69	<p>A VII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2007</p>	<p>Todoruț, A.; Barabás, I. (2007). Simularea numerică a solicitărilor dinamice din mecanismul motor al motorului diesel alimentat cu combustibili pe bază de ulei de floarea soarelui uzat comparativ cu motorina. În: Știință și Inginerie, Vol. 11, pg. 431-436. București, Editura AGIR, 2007, ISBN 973-2007 8130-82-4, ISBN 978-973-720-122-5.</p>	1.00
70	<p>A VII-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2007</p>	<p>Todoruț, A.; Barabás, I. (2007). Evaluarea prin calcule numerice a căldurilor specifice, a energiilor interne și a entalpiilor amestecului de gaze în cazul motoarelor diesel alimentate alternativ cu combustibili pe bază de ulei de floarea soarelui și motorină. În: Știință și Inginerie, Vol. 11, pg. 437-442. București, Editura AGIR, 2007, ISBN 973-8130-82-4, ISBN 978-973-720-122-2007 5.</p>	1.00

71	A VI-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2006	Todoruț, A.; Burnete, N.; Barabás, I. (2006). Utilizarea uleiului alimentar uzat sub formă de combustibil pentru motoarele diesel. În: Știință și Inginerie, Vol. 10, pg. 271-274. București, Editura AGIR, 2006, ISBN 973-2006 8130-82-4, ISBN 973-720-030-6.	1.00
72	A VI-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2006	Todoruț, A., Barabás, I.; Burnete, N. (2006). Evaluarea gradului de poluare chimică a motorului D-2402.000 alimentat cu combustibili pe bază de ulei de floarea soarelui uzat, comparativ cu motorina. În: Știință și Inginerie, Vol. 10, pg. 275-280. București, Editura AGIR, 2006, ISBN 973-8130-82-4, 2006 ISBN 973-720-030-6.	1.00
73	A IV-a Conferință Națională multidisciplinară - cu participare internațională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii 1 românești”, Sebeș, 2004	Burnete, N.; Barabás, I.; Todoruț, A.; Varga, B. (2004). Uleiurile vegetale - Combustibilii viitorului? În: Știință și Inginerie, Vol. 5, pg. 65-70. București, 2004 Editura AGIR, 2004, ISBN 973-8130-82-4, ISBN 973-8466-67-9.	1.00
Total			73.00

Atragere resurse financiare prin granturi/proiecte/contracte terți

Nr.crt.	Calitatea: director = 1, membru in echipa = 2	Tip proiect *	Titlul proiectului	Perioada de derulare	Valoare totala UTCN** [ech. Euro]	Valoarea alocata membrului in echipa de catre directorul de proiect*** [ech. Euro]	Punctaj individual
1	2 Național	Cercetări privind substituirea parțială a motorinei destinată motoarelor diesel prin amestecuri de biodiesel-motorină-bioetanol. Programul: IDEI, Planul National de Cercetare, Dezvoltare si Inovare - PN II, Tipul proiectului: Proiecte de cercetare exploratorie, Cod proiect: ID_1098, Nr. Contract: 88/01.10.2007, pe trei ani (Oct. 2007 – Dec. 2010).	Oct. 2007 – Dec. 2010	216984	49602	49.60	
2	2 Național	Posibilitățile și limitele ecologizării transportului urban prin utilizarea combustibililor proveniți din uleiuri vegetale. Programul CEEEX – Modulul 1 – Proiecte Complexe, Grant de cercetare ECOTRANS/(2005–2008), Contract nr. X1C01/03.10.2005. Coordonatorul de proiect: Universitatea Tehnică din Cluj-Napoca.	2005–2008	43454	602	0.60	
3	2 Național	Sistem complex pentru cercetarea fenomenelor de degradare a terenurilor arabile și monitorizarea impactului negativ al agriculturii asupra resurselor naturale si a schimbarilor climatice globale. Programul “Cercetare de excelență”, Modulul 1, Tipul proiectului: P-CD, Contract nr. 124/20.07.2006. Durata subcontractului: 2 ani și 1 lună (intre 2006-2008). Partener în proiect: Universitatea Tehnică din Cluj-Napoca.	2006-2008	29498	1204	1.20	

4	2 Național	Utilizarea combustibililor alternativi ecologici în transportul urban pentru limitarea efectelor poluante în marile orașe. Contract nr. 5 C 12/2003 (AMTRANS) (membru din partea UTC-N), (2003–2005), coordonat de ICIA Cluj-Napoca (UTC-N - partener).	2003–2005	11089	258	0.26
5	2 Național	Biocombustibili Diesel ecologici și glicerină obținute prin procesarea chimică a resurselor regenerabile. Proiect prioritar PP7 (Membru din partea UTC-N), (2002–2004). Contract nr. 112/2002 (MATNANTECH), coordonat de ICIA Cluj-Napoca (UTC-N - partener).	2002–2004	6640	229	0.23
6	2 Internațional	Valorificarea producției de rapiță în vederea utilizării acesteia ca și combustibil pentru tractoare în România. Proiect nr. 861/2002 (Acord de Grant nr. 1523/26.09.2002), (2002–2005) finanțat de BANCA MONDIALĂ prin Ministerul Agriculturii și Alimentației.	2002–2005	142996	1888	1.89
7	Terți - 2 Național	Refacerea infrastructurii rutiere și îmbunătățirea circulației auto - studiu de trafic în municipiul Oltenița. Contract Nr. 7951/17.04.2007, Durata contractului: 19.03.2007 până la 19.10.2007. Beneficiar: Primăria Municipiului Oltenița. Adresa: Oltenița, B-dul Republicii, nr.40, județul Călărași, Cod poștal: 915400. Executant: Universitatea Tehnică din Cluj-Napoca, Facultatea de Mecanică, Catedra: Autovehicule Rutiere și Mașini Agricole. Contract cu beneficiar din mediul economic național.	2007	21017	2942	2.94
Total						56.72

* Se va specifica fie tipul competiției, fie terți în cazul contractelor cu mediul economic

** Se va introduce valoarea fără TVA

*** Pentru contracte derulate înainte de 01.01.1999 se va considera echivalarea: 1 Euro=1 USD

C Citări în publicații BDI (WOS și Scopus)

Nota: se exclud autocitările

Nu se considera autocitare articolul în care apar autori din articolul citat, dar lipsește declarantul (persoana care completează Fisa de evaluare)

Nr. Crt.	Date de identificare complete ale articolul citat (se exclud autocitările)***	Date de identificare complete ale articolelor care citeaza	Anul în care a fost citata lucrarea	Linkul articolului care citeaza	Factorul de impact al publicației WOS în care apare citarea	Punctaj individual
----------	---	--	-------------------------------------	---------------------------------	---	--------------------

Todoruț, A.; Cordoș, N.; Barabás, I.; Mureșan, R.D.; Bălcău, Monica (2016). Comparative study on the dynamic behaviour in cornering from different classes of passenger cars, by experimental and simulation methods. Cluj-Napoca, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 59, Issue III, September, 2016, pg. 285-296, Editura U.T.PRESS, ISSN 1221-5872, <http://atnamam.utcluj.ro/index.php/Acta/article/view/790>, <http://apps.webofknowledge.com> - Web of Science Core Collection -

C Iclodean, B Varga, N Burnete, D Cimerdean and B Jurchiș. Comparison of Different Battery Types for Electric Vehicles. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252 (2017), 012058, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ștefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012058, WOS.

<http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012058/meta>, <http://apps.webofknowledge.com.am.e-nformation.ro/>

A1 WOS:000387967500008.

2017

1.00

A2	<p>Todoruț, A.; Cordoș, N.; Burdea, M.D.; Bălcău, Monica (2015). The evaluation of normal load redistribution on the static axles and on the wheels, when the vehicle is in motion. Cluj-Napoca, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 58, Issue III, September, 2015, pg. 349-360, Editura U.T.PRESS, ISSN 1221-5872, http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/695, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000422406600006.</p>	<p>C Iclodean, B Varga, N Burnete, D Cimerdean and B Jurchiș. Comparison of Different Battery Types for Electric Vehicles. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252 (2017), 012058, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ștefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012058, WOS.</p>	<p>http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012058/meta, http://apps.webofknowledge.com.am.e-nformation.ro/</p> <p>2017 1.00</p>
A3	<p>Barabás, I.; Todoruț, A.; Băldean, D. (2010). Performance and emission characteristics of an CI engine fueled with diesel-biodiesel-bioethanol blends. În: Fuel - The Science and Technology of Fuel and Energy, Volume 89, Issue 12, pg. 3827-3832, December 2010, Published by Elsevier Ltd., ISSN 0016-2361, DOI: 10.1016/j.fuel.2010.07.011, Journal: JFUE, Article Number: 4861, Journal homepage: www.elsevier.com/locate/fuel, http://www.sciencedirect.com/science/article/pii/S0016236110003583, http://dx.doi.org/10.1016/j.fuel.2010.07.011, http://www.scopus.com; http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000282086200027.</p>	<p>A.S.van Niekerk, B.Drew, N.Larsen, P.J. Kay, Influence of blends of diesel and renewable fuels on compression ignition engine emissions over transient engine conditions. In: Applied Energy, Volume 255, 1 December 2019, 113890, ISSN: 0306-2619.</p>	<p>https://doi.org/10.1016/j.apenergy.2019.113890, https://www.sciencedirect.com/science/article/abs/pii/S0306261919315776</p> <p>2019 8.426 9.43</p>

C2-A3	<p>Kamel Bencheikh, A.E. Atabani, SuthaShobana, M.N. Mohammed, Gediz Uğuz, Orhan Arpa, Gopalakrishnan Kumar, Abdulkadir Ayanoglu, Awais Bokhari, Fuels properties, characterizations and engine and emission performance analyses of ternary waste cooking oil biodiesel–diesel–propanol blends. In: Sustainable Energy Technologies and Assessments, Volume 35, October 2019, Pages 321-334, ISSN: 2213-1388.</p>	<p>https://doi.org/10.1016/j.seta.2019.08.007, https://www.sciencedirect.com/science/article/abs/pii/S2213138818305113</p>	2019	3.456	4.46
C3-A3	<p>Mohammad Ghaderi, Leila Naderloo, Hossein Javadikia, Mostafa Mostafaei, Hekmat Rabbani, Different blends of biodiesel, bioethanol, diesel and noise pollution emitted by stationary and moving MF285 tractor. Journal of Environmental Health Science and Engineering, First Online: 10 July 2019, Online ISSN: 2052-336X.</p>	<p>https://doi.org/10.1007/s40201-019-00390-x, https://link.springer.com/article/10.1007/s40201-019-00390-x</p>	2019	2.773	3.77
C4-A3	<p>Osama Khan, Ashok Kumar Yadav, M. Emran Khan & Mohd Parvez, Characterization of bioethanol obtained from Eichhornia Crassipes plant; its emission and performance analysis on CI engine. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Print ISSN: 1556-7036 Online ISSN: 1556-7230, Published online: 16 Aug 2019.</p>	<p>https://doi.org/10.1080/15567036.2019.1648600, https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1648600?journalCode=ueso2</p>	2019	0.894	1.89
C5-A3	<p>S.Jaichandar, M.Thamaraikannan, D.Yogaraj, D.Samuelraj, A comprehensive study on the effects of internal air jet piston on the performance of a JOME fueled DI diesel engine. Energy, Volume 185, 15 October 2019, Pages 1174-1182, ISSN: 0360-5442.</p>	<p>https://doi.org/10.1016/j.energy.2019.07.114, https://www.sciencedirect.com/science/article/abs/pii/S0360544219314550</p>	2019	5.537	6.54

C6-A3	S.S. Hoseini, G. Najafi, B. Ghobadian, M.T. Ebadi, R. Mamat, T. Yusaf, Performance and emission characteristics of a CI engine using graphene oxide (GO) nano-particles additives in biodiesel-diesel blends. Renewable Energy, Available online 12 June 2019, Renewable Energy, 145, January 2020, pp. 458-465, ISSN: 0960-1481.	2019	https://doi.org/10.1016/j.renene.2019.06.006 , https://www.sciencedirect.com/science/article/pii/S0960148119308195	5.439	6.44
C7-A3	Mirhashemi, F.S.; Sadrnia, H., NOx emissions of compression ignition engines fueled with various biodiesel blends: A review. Journal of the Energy Institute, Available online 10 April 2019, ISSN: 1743-9671.	2019	https://doi.org/10.1016/j.joei.2019.04.003 , https://www.sciencedirect.com/science/article/pii/S1743967119300467	4.217	5.22
C8-A3	Madan Kumar Mandal, Papori Saikia, Ng. Kunjarani Chanu, Neha Chaurasia, Modulation of lipid content and lipid profile by supplementation of iron, zinc, and molybdenum in indigenous microalgae. In: Environmental Science and Pollution Research, Online ISSN 1614-7499, Print ISSN0944-1344, Publisher Springer Berlin Heidelberg, First Online 20 May 2019.	2019	https://doi.org/10.1007/s11356-019-05065-6 , https://link.springer.com/article/10.1007/s11356-019-05065-6	2.914	3.91
C9-A3	M.N.A. Mukhtar, Ftwi Y. Hagos, M.M. Noor, Rizalman Mamat, A. Adam Abdullah, Abd Rashid Abd Aziz, Tri-fuel emulsion with secondary atomization attributes for greener diesel engine – A critical review. In: Renewable and Sustainable Energy Reviews, Volume 111, September 2019, Pages 490-506, ISSN: 1364-0321.	2019	https://doi.org/10.1016/j.rser.2019.05.035 , https://www.sciencedirect.com/science/article/pii/S136403211930348X	10.556	11.56
C10-A3	Wilson Uzochukwu Eze, Innocent Chimezie Madufor, Godwin Nkemjika Onyeagoro, Henry Chinedu Obasi, The effect of Kankara zeolite-Y-based catalyst on some physical properties of liquid fuel from mixed waste plastics (MWP) pyrolysis. In: Polymer Bulletin, Print ISSN: 0170-0839, Online ISSN: 1436-2449, First Online: 11 May 2019.	2019	https://doi.org/10.1007/s00289-019-02806-y , https://link.springer.com/article/10.1007/s00289-019-02806-y	1.858	2.86

C11-A3	Harish Venu, V. Dhana Raju, Lingesan Subramani, Influence of injection timing on torroidal re-entrant chamber design in a single cylinder DI engine fuelled with ternary blends. In: Heat and Mass Transfer, Online ISSN: 1432-1181, Print ISSN: 0947-7411, First Online: 10 May 2019.	2019	https://doi.org/10.1007/s00231-019-02623-z , https://link.springer.com/article/10.1007/s00231-019-02623-z	1.551	2.55
C12-A3	Senthil Kumar Kandasamy, Arun Saco Selvaraj, Thundil Karuppa Raj Rajagopal, Experimental investigations of ethanol blended biodiesel fuel on automotive diesel engine performance, emission and durability characteristics. In: Renewable Energy, Volume 141, October 2019, Pages 411-419, ISSN: 0960-1481.	2019	https://doi.org/10.1016/j.renene.2019.04.039 , https://www.sciencedirect.com/science/article/pii/S0960148119305221	5.439	6.44
C13-A3	Sachin Muralee Krishna, P. Abdul Salam, Manida Tongroon, Nuwong Chollacoop, Performance and emission assessment of optimally blended biodiesel-diesel-ethanol in diesel engine generator. In: Applied Thermal Engineering, Volume 155, 5 June 2019, Pages 525-533, ISSN: 1359-4311.	2019	https://doi.org/10.1016/j.applthermaleng.2019.04.012 , https://www.sciencedirect.com/science/article/pii/S1359431118358563	4.026	5.03
C14-A3	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Experimental assessment of some key physicochemical properties of diesel-biodiesel-ethanol (DBE) blends for use in compression ignition engines. Fuel, Volume 248, 15 July 2019, Pages 241-253, ISSN: 0016-2361.	2019	https://doi.org/10.1016/j.fuel.2019.03.087 , https://www.sciencedirect.com/science/article/pii/S0016236119304600	5.128	6.13
C15-A3	Harish Venu, An experimental assessment on the influence of fuel-borne additives on ternary fuel (diesel–biodiesel–ethanol) blends operated in a single cylinder diesel engine. Environmental Science and Pollution Research, DOI: https://doi.org/10.1007/s11356-019-04739-5 , Publisher Springer Berlin Heidelberg, Print ISSN0944-1344, Online ISSN1614-7499, Accepted27 February 2019, First Online15 March 2019.	2019	https://link.springer.com/article/10.1007/s11356-019-04739-5 , https://doi.org/10.1007/s11356-019-04739-5	2.914	3.91

C16-A3	Yahya Çelebi, Hüseyin Aydın, An overview on the light alcohol fuels in diesel engines. In: Fuel, Volume 236, 15 January 2019, Pages 890-911, ISSN: 0016-2361.	https://doi.org/10.1016/j.fuel.2018.08.138 , https://www.sciencedirect.com/science/article/pii/S0016236118315102	2019	18315102	5.128	6.13
C17-A3	Florian Pradelle, Sergio Leal Braga, Ana Rosa, Fonseca de Aguiar Martins, FranckTurkovics, Renata Nohra Chaar Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Potential as diesel fuel substitute on an Euro III engine. In: Renewable Energy, Volume 136, June 2019, Pages 586-598, ISSN: 0960-1481.	https://doi.org/10.1016/j.renene.2019.01.025 , https://www.sciencedirect.com/science/article/pii/S0960148119300254	2019	19300254	5.439	6.44
C18-A3	L.Corral-Gómez, G.Rubio-Gómez, S.Martínez-Martínez, F.A.Sánchez-Cruz, Effect of diesel-biodiesel-ethanol blends on the spray macroscopic parameters in a common-rail diesel injection system. In: Fuel, Volume 241, 1 April 2019, Pages 876-883, ISSN: 0016-2361.	https://doi.org/10.1016/j.fuel.2018.12.081 , https://www.sciencedirect.com/science/article/pii/S0016236118321501	2019	18321501	5.128	6.13
C19-A3	Kalil Rahiman, M. & Santhoshkumar, S., Comparative studies of oxygenated fuel synthesis with diesel from the measurements of density, speed of sound and refractive index. Journal of Thermal Analysis and Calorimetry (J Therm Anal Calorim) (First Online: 20 October 2018), April 2019, Volume 136, Issue 1, pp 295–304, ISSN: 1388-6150 (print version), ISSN: 1588-2926 (electronic version).	https://doi.org/10.1007/s10973-018-7828-0 , https://link.springer.com/article/10.1007/s10973-018-7828-0	2019	e/10.1007/s10973-018-7828-0	1.953	2.95

C20-A3	A.S. Silitonga, H.H. Masjuki, Hwai Chyuan Ong, A.H. Sebayang, S. Dharma, F. Kusumo, J. Siswantoro, Jassinnee Milano, Khairil Daud, T.M.I. Mahlia, Wei-Hsin Chen, Bambang Sugiyanto, Evaluation of the engine performance and exhaust emissions of biodiesel-bioethanol-diesel blends using kernel-based extreme learning machine. In: Energy, ISSN: 0360-5442, Volume 159, 15 September 2018, Pages 1075-1087.	2018	https://doi.org/10.1016/j.energy.2018.06.202 , https://www.sciencedirect.com/science/article/pii/S03605442	18312672	4.968	5.97
C21-A3	Hamid Omidvarborna, Mahad Baawain, Abdullah Al-Mamun, Ambient air quality and exposure assessment study of the Gulf Cooperation Council countries: A critical review. In: Science of The Total Environment, Volume 636, ISSN: 0048-9697, 15 September 2018, Pages 437–448.	2018	https://doi.org/10.1016/j.scitotenv.2018.04.296 , https://www.sciencedirect.com/science/article/pii/S00489697	18314748	4.9	5.90
C22-A3	Mohamed A. Aissa, Ivona R. Radović, Mirjana Lj Kijevčanin, A systematic study on volumetric and transport properties of binary systems 1-propanol + n-hexadecane, 1-butanol + n-hexadecane and 1-propanol + ethyl oleate at different temperatures: Experimental and modeling. In: Fluid Phase Equilibria, Volume 473, 15 October 2018, Pages 1–16, ISSN: 0378-3812.	2018	https://doi.org/10.1016/j.fluid.2018.05.028 , https://www.sciencedirect.com/science/article/pii/S03783812	18302310	2.473	3.47
C23-A3	Oladapo Martins Adeniyi, Ulugbek Azimov, Alexey Burluka, Algae biofuel: Current status and future applications. Renewable and Sustainable Energy Reviews, Volume 90, July 2018, Pages 316–335, ISSN: 1364-0321.	2018	https://doi.org/10.1016/j.rser.2018.03.067 , https://www.sciencedirect.com/science/article/pii/S13640321	18301552	9.184	10.18
C24-A3	Andrew David Mendes Guedes, Sergio Leal Braga, Florian Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Part 2: Optimization of injection timing. In: Fuel, Volume 225, 1 August 2018, Pages 174–183, ISSN: 0016-2361.	2018	https://doi.org/10.1016/j.fuel.2018.02.120 , https://www.sciencedirect.com/science/article/pii/S00162361	1830303X	4.908	5.91

C25-A3	S.S. Hoseini, G. Najafi, B. Ghobadian, R. Mamat, M.T. Ebadi, T. Yusaf, Novel environmentally friendly fuel: The effects of nanographene oxide additives on the performance and emission characteristics of diesel engines fuelled with Ailanthus altissima biodiesel. Renewable Energy, Available online 27 February 2018, ISSN: 0960-1481.	2018	https://doi.org/10.1016/j.renene.2018.02.104 , https://www.sciencedirect.com/science/article/pii/S0960148118302568	4.900	5.90
C26-A3	Logesh, G. and Madhavan, V., "Performance, Combustion and Emission Characteristics of CI Engine Fueled with Sweet Lime Peel Oil (Citrus Limetta)". Journal of Testing and Evaluation, Volume 46, Issue 5 (September 2018), ISSN 0090-3973.	2018	https://doi.org/10.1520/JTE20170056 , https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20170056.htm	0.389	1.39
C27-A3	Mahalingam, A.; Munuswamy, D.B.; Devarajan, Y.; Radhakrishnan, S., Emission and performance analysis on the effect of exhaust gas recirculation in alcohol-biodiesel aspirated research diesel engine. Environmental Science and Pollution Research, 2018, Springer Berlin Heidelberg, Print ISSN 0944-1344, Online ISSN 1614-7499.	2018	https://doi.org/10.1007/s11356-018-1522-4 , https://link.springer.com/article/10.1007/s11356-018-1522-4	2.8	3.80
C28-A3	Mert Gülüm, Atilla Bilgin, A comprehensive study on measurement and prediction of viscosity of biodiesel-diesel-alcohol ternary blends. Energy, Available online 3 February 2018, Volume 148, 1 April 2018, Pages 341-361, ISSN: 0360-5442.	2018	https://doi.org/10.1016/j.energy.2018.01.123 , https://www.sciencedirect.com/science/article/pii/S036054421830152X	4.52	5.52
C29-A3	Harish Venu, M. Dinesh Babu, Improvement of ternary fuel combustion with various injection pressure strategies in a toroidal re-entrant combustion chamber. Environmental Science and Pollution Research, Online ISSN: 1614-7499, Print ISSN: 0944-1344, Publisher: Springer Berlin Heidelberg, November 2018, Volume 25, Issue 32, pp 32024–32043.	2018	https://doi.org/10.1007/s11356-018-3174-9 , https://link.springer.com/article/10.1007/s11356-018-3174-9 , http://apps.webofknowledge.com.am.e-nformation.ro/	2.8	3.80

C30-A3	D. Chaitanya Kumar Rao, S. Syam, Srinibas Karmakar, Ratan Joarder, Experimental investigations on nucleation, bubble growth, and micro-explosion characteristics during the combustion of ethanol/Jet A-1 fuel droplets. <i>Experimental Thermal and Fluid Science</i> , ISSN: 0894-1777, Volume 89, December 2017, Pages 284–294.	https://doi.org/10.1016/j.expthermflusci.2017.08.025 , http://www.sciencedirect.com/science/article/pii/S089417771	2017 7302571	2.83	3.83
C31-A3	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Stabilization of diesel–biodiesel–ethanol (DBE) blends: formulation of an additive from renewable sources. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , September 2017, Volume 39, Issue 9, pp 3277–3293, doi:10.1007/s40430-017-0862-1, ISSN: 1678-5878 (Print) 1806-3691 (Online), Publisher Springer Berlin Heidelberg.	https://link.springer.com/article/10.1007/s40430-017-0862-1	2017 e/10.1007/s40430-017-0862-1	0.239	1.24
C32-A3	M.S.M. Zaharin, N.R. Abdullah, G. Najafi, H. Sharudin, T. Yusaf, Effects of physicochemical properties of biodiesel fuel blends with alcohol on diesel engine performance and exhaust emissions: A review. In: <i>Renewable and Sustainable Energy Reviews</i> , Volume 79, November 2017, Pages 475–493, ISSN: 1364-0321.	https://doi.org/10.1016/j.rser.2017.05.035 , http://www.sciencedirect.com/science/article/pii/S136403211	2017 730669X	6.798	7.80
C33-A3	Zhiwei Wang, Tingzhou Lei, Lu Lin, Miao Yang, Zaifeng Li, Xiaofei Xin, Tian Qi, Xiaofeng He, Jie Shi, and Xiaoyu Yan, Comparison of the Physical and Chemical Properties, Performance, and Emissions of Ethyl Levulinate–Biodiesel–Diesel and n-Butanol–Biodiesel–Diesel Blends. In: <i>Energy & Fuels</i> , 2017, 31 (5), pp 5055–5062, Print Edition ISSN: 0887-0624, Web Edition ISSN: 1520-5029.	http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.6b02851 , DOI:10.1021/acs.energyfuels.6b02851	2017 02851	2.835	3.84

C34-A3	Esmail Khalife, Meisam Tabatabaei, Ayhan Demirbas, Mortaza Aghbashlo, Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. Progress in Energy and Combustion Science, Volume 59, March 2017, Pages 32–78, ISSN: 0360-1285.	http://dx.doi.org/10.1016/j.pecs.2016.10.001 , http://www.sciencedirect.com/science/article/pii/S036012851630003X	2017	630003X	16.784	17.78
C35-A3	Harish Venu, Venkataramanan Madhavan, Influence of diethyl ether (DEE) addition in ethanol-biodiesel-diesel (EBD) and methanol-biodiesel-diesel (MBD) blends in a diesel engine. Fuel, Volume 189, 1 February 2017, Pages 377–390, ISSN: 0016-2361, Elsevier.	http://dx.doi.org/10.1016/j.fuel.2016.10.101 , http://www.sciencedirect.com/science/article/pii/S001623611631064X	2017	631064X	4.601	5.60
C36-A3	F. Aydın, H. Ögüt, Effects of using ethanol-biodiesel-diesel fuel in single cylinder diesel engine to engine performance and emissions. Renewable Energy, Volume 103, April 2017, Pages 688–694, Elsevier, ISSN: 0960-1481.	http://dx.doi.org/10.1016/j.renene.2016.10.083 , http://www.sciencedirect.com/science/article/pii/S0960148116309600	2017	6309600	3.404	4.40
C37-A3	Ambarish Datta, Bijan Kumar Mandal, A numerical study on the performance, combustion and emission parameters of a compression ignition engine fuelled with diesel, palm stearin biodiesel and alcohol blends. Journal Clean Technologies and Environmental Policy, January 2017, Volume 19, Issue 1, pp 157–173, Print ISSN: 1618-954X, Online ISSN: 1618-9558, Publisher Springer Berlin Heidelberg.	http://link.springer.com/article/10.1007/s10098-016-1202-3 , DOI: 10.1007/s10098-016-1202-3	2017	1202-3	1.934	2.93
C38-A3	Harish Venu, Venkataramanan Madhavan, Effect of diethyl ether and Al ₂ O ₃ nano additives in diesel-biodiesel-ethanol blends: Performance, combustion and emission characteristics. Journal of Mechanical Science and Technology, January 2017, Volume 31, Issue 1, pp 409–420, ISSN: 1738-494X (Print), 1976-3824 (Online).	http://link.springer.com/article/10.1007/s12206-016-1243-x , DOI: 10.1007/s12206-016-1243-x	2017	1243-x	0.761	1.76

C39-A3	Soroush Soltani, Umer Rashid, Saud Ibrahim Al-Resayes, Imededdine Arbi Nehdi, Sulfonated mesoporous ZnO catalyst for methyl esters production. Journal of Cleaner Production, Volume 144, 15 February 2017, Pages 482–491, ISSN: 0959-6526.	http://dx.doi.org/10.1016/j.jclepro.2016.12.128 , http://www.sciencedirect.com/science/article/pii/S0959652616321916	2017	6321916	4.959	5.96
C40-A3	S. Dharma, Hwai Chyuan Ong, H.H. Masjuki, A.H. Sebayang, A.S. Silitonga, An overview of engine durability and compatibility using biodiesel–bioethanol–diesel blends in compression-ignition engines. In: Energy Conversion and Management, Volume 128, 15 November 2016, Pages 66–81, ISSN: 0196-8904.	http://dx.doi.org/10.1016/j.enconman.2016.08.072 , http://www.sciencedirect.com/science/article/pii/S0196890416307464	2016	6307464	4.801	5.80
C41-A3	Guo, Shuman; Yang, Zhenzhong; Gao, Yuguo, Effect of Adding Biodiesel to Diesel on the Physical and Chemical Properties and Engine Performance of Fuel Blends. Journal of Biobased Materials and Bioenergy, Volume 10, Number 1, February 2016, pp. 34-43(10), ISSN: 1556-6560 (Print); EISSN: 1556-6579 (Online), Publisher: American Scientific Publishers.	http://dx.doi.org/10.1166/jbmb.2016.1566 , http://www.ingentaconnect.com/contentone/asp/jbmb/2016/00000010/00000001/art00005	2016	#expand/collapse	0.653	1.65
C42-A3	Thapanee Bangjang, Amarporn Kaewchada, and Attasak Jaree, Modified Diesohol Using Distilled Cashew Nut Shell Liquid and Biodiesel. Energy & Fuels, Print Edition ISSN: 0887-0624, Web Edition ISSN: 1520-5029, Publication Date (Web): August 29, 2016, American Chemical Society.	http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.6b01188 , DOI:10.1021/acs.energyfuels.6b01188	2016	01188	2.835	3.84
C43-A3	Harish Venu, Venkataramanan Madhavan, Effect of Al ₂ O ₃ nanoparticles in biodiesel-diesel-ethanol blends at various injection strategies: Performance, combustion and emission characteristics. Fuel, Volume 186, 15 December 2016, Pages 176–189, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2016.08.046 , http://www.sciencedirect.com/science/article/pii/S0016236116307840	2016	6307840	3.611	4.61

C44-A3	<p>Beatriz S. Amaral, Luciana M. B. Ventura, Ariane S. Amaral, Francisco R. A. Netoc, and Adriana Gioda, Concentration Profiles of Regulated and Unregulated Pollutants Emitted from the Combustion of Soybean Biodiesel and Diesel/Biodiesel Blend Originating of a Diesel Cycle Engine. In: Journal Of The Brazilian Chemical Society (J. Braz. Chem. Soc.), Vol. 00, No. 00, 1-10, 2016, vol.28 no.4 São Paulo Apr. 2017, Online version ISSN 1678-4790, Printed version ISSN 0103-5053, Printed in Brazil - ©2016 Sociedade Brasileira de Química 0103-5053 \$6.00+0.00.</p>	<p>http://dx.doi.org/10.21577/0103-5053.20160216, http://jbcs.sbq.org.br/imagebank/pdf/160143AR.pdf, http://www.scielo.br/scielo.php?pid=S0103-50532017000400659&script=sci_arttext</p>	2016	i_arttext	1.129	2.13
C45-A3	<p>Saravana Kannan Thangavelu, Abu Saleh Ahmed, Farid Nasir Ani, Impact of metals on corrosive behavior of biodiesel–diesel–ethanol (BDE) alternative fuel. Renewable Energy, Volume 94, August 2016, Pages 1-9, ISSN: 0960-1481.</p>	<p>http://www.sciencedirect.com/science/article/pii/S0960148116301999, doi:10.1016/j.renene.2016.03</p>	2016	.015	3.476	4.48
C46-A3	<p>M.J. Abedin, A. Imran , H.H. Masjuki, M.A. Kalam, S.A. Shahir, M. Varman, A.M. Ruhul, An overview on comparative engine performance and emission characteristics of different techniques involved in diesel engine as dual-fuel engine operation. In: Renewable and Sustainable Energy Reviews, Volume 60, July 2016, Pages 306–316, ISSN: 1364-0321.</p>	<p>http://www.sciencedirect.com/science/article/pii/S1364032116001489, doi:10.1016/j.rser.2016.01.118</p>	2016	doi:10.1016/j.rser.2016.01.118	5.901	6.90
C47-A3	<p>Ambarish Datta, Bijan Kumar Mandal, Numerical investigation of the performance and emission parameters of a diesel engine fuelled with diesel - biodiesel - methanol blends. In: Journal of Mechanical Science and Technology, April 2016, Volume 30, Issue 4, pp 1923-1929, First online: 13 April 2016, ISSN: 1738-494X (print version), ISSN: 1976-3824 (electronic version).</p>	<p>http://link.springer.com/article/10.1007/s12206-016-0351-y, DOI: 10.1007/s12206-016-</p>	2016	0351-y	0.840	1.84

C48-A3	<p>Andrés Pina-Martinez, Niramol Juntarachat, Romain Privat, Lucie Coniglio, Michel Molière, Jean-Noël Jaubert, Design of Hybrid Fuels Using a Modeling Study of the Miscibility of Ethanol–Biodiesel–Hydrocarbon Systems. In: JETC 2015: 13th Joint European, Thermodynamics Conference, Special Issue International Journal of Thermophysics, ISSN: 0195-928X (Print) 1572-9567 (Online), February 2016, 37:23, Publisher Springer International Publishing, 2016.</p>	<p>http://link.springer.com/article/10.1007/s10765-015-2032-y, DOI: 10.1007/s10765-015-2032-y</p>	2016	0.963	1.96
C49-A3	<p>M. Mofijur, M.G. Rasul, J. Hyde, A.K. Azad, R. Mamat, M.M.K. Bhuiya, Role of biofuel and their binary (diesel–biodiesel) and ternary (ethanol–biodiesel–diesel) blends on internal combustion engines emission reduction. In: Renewable and Sustainable Energy Reviews, Volume 53, January 2016, Pages 265–278, ISSN: 1364-0321.</p>	<p>http://www.sciencedirect.com/science/article/pii/S1364032115009090, doi:10.1016/j.rser.2015.08.046</p>	2016	5.901	6.90
C50-A3	<p>Mohankumar Chinnamma, Salini Bhasker, Harish Madhav, Rajesh Mamkulathil Devasia, Anisha Shashidharan, Balachandran Chandrasekaran Pillai, Pradeep Thevannoor, Production of coconut methyl ester (CME) and glycerol from coconut (Cocos nucifera) oil and the functional feasibility of CME as biofuel in diesel engine. Fuel, Volume 140, 15 January 2015, Pages 4–9, ISSN: 0016-2361.</p>	<p>http://www.sciencedirect.com/science/article/pii/S0016236114009260, DOI: 10.1016/j.fuel.2014.09.057</p>	2015	3.406	4.41
C51-A3	<p>Abhishek Paul , Raj Sekhar Panua, Durbadal Debroy, Probir Kumar Bose, An experimental study of the performance, combustion and emission characteristics of a CI engine under dual fuel mode using CNG and oxygenated pilot fuel blends. In: Energy, 2015, ISSN: 0360-5442, Available online 15 May 2015.</p>	<p>http://www.sciencedirect.com/science/article/pii/S0360544215005058, doi:10.1016/j.energy.2015.04.050</p>	2015	4.159	5.16

C52-A3	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, A.M. Ashraful, Performance and emission assessment of diesel–biodiesel–ethanol/bioethanol blend as a fuel in diesel engines: A review. <i>Renewable and Sustainable Energy Reviews</i> , Volume 48, August 2015, Pages 62–78, ISSN: 1364-0321.	http://www.sciencedirect.com/science/article/pii/S1364032115002026# , doi:10.1016/j.rser.2015.03.049 http://www.sciencedirect.com/science/article/pii/S0378382015001009 , doi:10.1016/j.fuproc.2015.02.026, ISSN: 0378-3820	2015	5.51	6.51
C53-A3	Mert Gülüm, Atilla Bilgin, Density, flash point and heating value variations of corn oil biodiesel–diesel fuel blends. <i>Fuel Processing Technology</i> , Volume 134, June 2015, Pages 456–464.		2015	3.019	4.02
C54-A3	Aydogan, H., Performance, emission and combustion characteristics of bioethanol-biodiesel-diesel fuel blends used in a common rail diesel engine. <i>Isi Bilimi Ve Teknigi Dergisi - Journal of Thermal Science and Technology</i> , Volume: 35, Issue: 2, Pages: 19-27, Published: 2015, ISSN: 1300-3615, WOS.	http://apps.webofknowledge.com.am.e-nformation.ro/ , https://www-scopus-com.am.e-nformation.ro/	2015	0.422	1.42
C55-A3	Abhishek Paul, Rajsekhar Panua, Durbadal Debroy and Probir Kumar Bose, A performance-emission tradeoff study of a CI engine fueled by compressed natural gas (CNG)/diesel–ethanol-PPME blend combination. <i>Environmental Progress & Sustainable Energy</i> , Online ISSN: 1944-7450, Print ISSN: 1944-7442, Article first published online: 18 AUG 2015, Volume: 35, Issue: 2, Pages: 517-530, American Institute of Chemical Engineers Environ Prog. 2015.	http://onlinelibrary.wiley.com/doi/10.1002/ep.12223/full , DOI: 10.1002/ep.12223	2015	1.403	2.40
C56-A3	Nadir Yilmaz , Franscisco M. Vigil, A. Burl Donaldson, Tariq Darabseh, Investigation of CI engine emissions in biodiesel–ethanol–diesel blends as a function of ethanol concentration. <i>Fuel</i> , Volume 115, January 2014, Pages 790–793, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2013.08.012 , http://www.sciencedirect.com/science/article/pii/S0016236113007394#	2014	3.406	4.41
C57-A3	M.B. Silveira, F.R. do Carmo, R.S. Santiago-Aguiar, H.B. de Sant’Ana, Ab–diesel: Liquid–liquid equilibrium and volumetric transport properties. <i>Fuel</i> , Volume 119, 1 March 2014, Pages 292–300, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2013.11.022 , http://www.sciencedirect.com/science/article/pii/S0016236113010685#	2014	3.406	4.41

C58-A3	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321.	http://dx.doi.org/10.1016/j.rser.2014.01.029 , http://www.sciencedirect.com/science/article/pii/S1364032114000409	2014	4000409	5.510	6.51
C59-A3	Hadi Taghavifar, Hamid Taghavifar, Aref Mardani, Arash Mohebbi, Exhaust emissions prognostication for DI diesel group-hole injectors using a supervised artificial neural network approach. Fuel 125 (2014) 81–89, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2014.02.016 , http://www.sciencedirect.com/science/article/pii/S0016236114001495	2014	4001495	3.406	4.41
C60-A3	Abhishek Paul, Raj Sekhar Panua, Durbadal Debroy, Probir Kumar Bose, Effect of compressed natural gas dual fuel operation with diesel and Pongamia pinnata methyl ester (PPME) as pilot fuels on performance and emission characteristics of a CI (compression ignition) engine. Energy, Volume 68, 15 April 2014, Pages 495–509, ISSN: 0360-5442.	http://dx.doi.org/10.1016/j.energy.2014.03.026 , http://www.sciencedirect.com/science/article/pii/S0360544214002886	2014	4002886	4.159	5.16
C61-A3	V. Arul Mozhi Selvan, R.B. Anand, M. Udayakumar, Effect of Cerium Oxide Nanoparticles and Carbon Nanotubes as fuel-borne additives in Diesterol blends on the performance, combustion and emission characteristics of a variable compression ratio engine. Fuel, Volume 130, 15 August 2014, Pages 160–167, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2014.04.034 , http://www.sciencedirect.com/science/article/pii/S001623611400355X	2014	400355X	3.406	4.41
C62-A3	O. Armas, A. Gómez, C. Mata, A. Ramos. Particle size distributions from a city bus fuelled with ethanol–biodiesel–diesel fuel blends. Fuel, Volume 111, September 2013, Pages 393–400, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2013.03.036 , http://www.sciencedirect.com/science/article/pii/S001623611300224X	2013	300224X	3.406	4.41

C63-A3	Seoksu Moon, Taku Tsujimura, Mitsuharu Oguma, Zhili Chen, Zhenhai Huang, Takatoshi Saitou. Mixture condition, combustion and sooting characteristics of ethanol–diesel blends in diffusion flames under various injection and ambient conditions. <i>Fuel</i> , Volume 113, November 2013, Pages 128–139, ISSN: 0016-2361.	2013	http://dx.doi.org/10.1016/j.fuel.2013.05.060 , http://www.sciencedirect.com/science/article/pii/S0016236113004729	3.406	4.41
C64-A3	Su Han Park, Junepyo Cha, Chang Sik Lee, Impact of biodiesel in bioethanol blended diesel on the engine performance and emissions characteristics in compression ignition engine. <i>Applied Energy</i> , Volume 99, November 2012, Pages 334-343, ISSN: 0306-2619, DOI: 10.1016/j.apenergy.2012.05.050.	2012	http://dx.doi.org/10.1016/j.apenergy.2012.05.050 , http://www.sciencedirect.com/science/article/pii/S0306261912004230	4.781	5.78
C65-A3	S. Jaichandar, P. Senthil Kumar, K. Annamalai. Combined effect of injection timing and combustion chamber geometry on the performance of a biodiesel fueled diesel engine. <i>Energy</i> 47 (2012) 388-394, Elsevier, ISSN: 0360-5442.	2012	http://dx.doi.org/10.1016/j.energy.2012.09.059 , http://www.sciencedirect.com/science/article/pii/S0360544212007384	3.651	4.65
C66-A3	Zhi-wei Wang, Ting-zhou Lei, Liang Liu, Jin-ling Zhu, Xiao-feng He, and Zai-feng Li, Performance investigations of a diesel engine using ethyl levulinate-diesel blends. <i>Journal BioResources</i> 2012, Vol. 7, No. 4, pp. 5972-5982, ISSN: 1930-2126.	2012	http://www.ncsu.edu/bioresources/BioRes_07/BioRes_07_4_5972_Wang_Diesel_Ethyl_Levulinate_Blends_3330.pdf , http://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/3330	1.309	2.31
C67-A3	Octavio Armas, M. Arántzazu Gómez, Eduardo J. Barrientos, and André. L. Boehman, Estimation of Opacity Tendency of Ethanol– and Biodiesel–Diesel Blends by Means of the Smoke Point Technique. <i>Energy Fuels</i> , 2011, 25 (7), pp 3283–3288, ISSN: 0887-0624, Section: Fossil Fuels, Derivatives, and Related Products.	2011	http://pubs.acs.org/doi/abs/10.1021/ef2005817 , DOI: 10.1021/ef2005817	2.721	3.72

C68-A3	Mário Luciano Randazzo and José Ricardo Sodré, Cold start and fuel consumption of a vehicle fuelled with blends of diesel oil–soybean biodiesel–ethanol. Fuel, Volume 90, Issue 11, November 2011, Pages 3291-3294, ISSN: 0016-2361.	2011	http://www.sciencedirect.com/science/article/pii/S001623611003772, doi:10.1016/j.fuel.2011.06.058	3.248	4.25
C69-A3	Gaurav Dwivedi, Siddharth Jain, M.P. Sharma, Impact analysis of biodiesel on engine performance - A review. Renewable and Sustainable Energy Reviews (RENEW SUST ENERG REV) ISSN 1364-0321, Volume 15, Issue 9, December 2011, Pages 4633–4641.	2011	http://www.sciencedirect.com/science/article/pii/S136403211003340, doi:10.1016/j.rser.2011.07.089	6.018	7.02
C70-A3	Máté Zöldy, Ethanol-biodiesel-diesel blends as a diesel extender option on compression ignition engines. Transport; Volume 26, Issue 3, 2011, pages 303-309; Available online: 05 Oct 2011, ISSN: 1648-4142 (Print); 1648-3489 (Online), DOI: 10.3846/16484142.2011.623824, WOS.	2011	http://www.tandfonline.com/doi/abs/10.3846/16484142.2011.623824, http://apps.webofknowledge.com.am.e-nformation.ro/, http://www.scopus.com	1.267	2.27
C71-A3	Sinha, S. and Kumar, N., "Utilization of Blends of Biodiesel and Higher Alcohols in a Small Capacity Diesel Engine," SAE Technical Paper 2019-01-0580, 2019.	2019	https://doi.org/10.4271/2019-01-0580, https://www.scopus-com.am.e-nformation.ro		1.00
C72-A3	Datla Ravichandra, Ravi Kumar Puli, V. P. Chandramohan, A Review Report on Turbocharged Diesel Engine with Alternative Fuels. Journal of The Institution of Engineers (India): Series C, First Online: 12 March 2019, Online ISSN 2250-0553, Print ISSN 2250-0545, Publisher Springer India, (Ravichandra, D., Puli, R.K. & Chandramohan, V.P. J. Inst. Eng. India Ser. C (2019).	2019	https://doi.org/10.1007/s40032-019-00510-4, https://link.springer.com/article/10.1007/s40032-019-00510-4, https://www-scopus-com.am.e-nformation.ro		1.00
C73-A3	D. Ravichandra, Ravi Kumar Puli, V. P. Chandramohan & V. Edwin Geo, Experimental analysis of Deccan hemp oil as a new energy feedstock for compression ignition engine. International Journal of Ambient Energy, Print ISSN: 0143-0750, Online ISSN: 2162-8246, Volume 40, Issue 6, 18 August 2019, Pages 634-644, Taylor & Francis, Published online: 23 Jan 2018.	2019	http://www.tandfonline.com/doi/abs/10.1080/01430750.2017.1421572, https://doi.org/10.1080/01430750.2017.1421572, https://www-scopus-com.am.e-nformation.ro/		1.00

C74-A3	Razak, N.H. Hashim, H. Yunus, N.A. Klemeš, J.J. Yee, P.L., Optimisation of Ternary Green Diesel Blends for Diesel/Palm Methyl Ester/Alcohol using Product Design Optimization. Chemical Engineering Transactions, VOL. 72, 2019, pp. 391-396, ISBN 978-88-95608-69-3; ISSN 2283-9216.	DOI: 10.3303/CET1972066, https://www.aidic.it/cet/19/72/066.pdf , https://www-scopus-com.am.e-nformation.ro	2019	1.00
C75-A3	Hariram, V., Udhayakumar, V., Karthick, P., Abraham Eben Andrews, A., Arunraja, A., Seralathan, S., Micha Premkumar, T., Effect of carbon nanotubes on oxygenated jojoba biodiesel-diesel blends in direct injection CI engines. International Journal of Vehicle Structures and Systems, Volume 10, Issue 6, 2018, Pages 423-432, ISSN: 0975-3060, E-ISSN: 0975-3540.	DOI: 10.4273/ijvss.10.6.11, Available online at www.maftree.org/eja , https://www-scopus-com.am.e-nformation.ro	2018	1.00
C76-A3	Mert G., Atilla B. (2018) Effects of Temperature and Biodiesel Fraction on Dynamic Viscosities of Commercially Available Diesel Fuels and Its Blends with the Highest Methyl Ester Yield Corn Oil Biodiesel Produced by Using KOH. In: Aloui F., Dincer I. (eds) Exergy for A Better Environment and Improved Sustainability 2. Green Energy and Technology. Springer, Cham, Online ISBN: 978-3-319-62575-1, Print ISBN: 978-3-319-62574-4.	https://doi.org/10.1007/978-3-319-62575-1_6 , https://link.springer.com/chapter/10.1007/978-3-319-62575-1_6 , https://www-scopus-com.am.e-nformation.ro/	2018	1.00
C77-A3	Md Mahmudul Hassan, Ftwi Yohaness Hagos and Rizalman Mamat, Comparative Analysis of Diesel, Diesel-Palm Biodiesel and Diesel-Biodiesel-Butanol Blends in Diesel Engine. From: ASME 2018 12th International Conference on Energy Sustainability collocated with the ASME 2018 Power Conference and the ASME 2018 Nuclear Forum, Lake Buena Vista, Florida, USA, June 24–28, 2018, Conference Sponsors: Advanced Energy Systems Division, Solar Energy Division, ISBN: 978-0-7918-5141-8, Copyright © 2018 by ASME, Paper No. ES2018-7571, pp. V001T04A007.	doi:10.1115/ES2018-7571, http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=2706343 , https://www-scopus-com.am.e-nformation.ro/	2018	1.00

C78-A3	<p>Abdul-Whab Anjel, H., Mahmood, A.A., Investigation of the effects of different diesel fuel cetane numbers on exhaust emissions in a single cylinder direct injection diesel engine(Conference Paper). Volume 2018-January, 23 January 2018, Pages 71-75, 2017 International Conference on Environmental Impacts of the Oil and Gas Industries: Kurdistan Region of Iraq as a Case Study, EIOGI 2017; Koya-Erbil; Iraq; 17 April 2017 through 19 April 2017; Category number CFP17OIGI-ART; Code 134380.</p>	<p>DOI: 10.1109/EIOGI.2017.8267628, https://ieeexplore-ieee.org.am.e-nformation.ro/document/8267628, https://www-scopus-com.am.e-nformation.ro/</p>	1.00
C79-A3	<p>Nandagopal, S., Masimalai, S., Subramaniyan, A., and Mayakrishnan, J., "Investigation on Electronic Assisted Primary Fuel Injection of Compression Ignition Engine Fueled with Waste Cooking Oil as Pilot Fuel for Improved Part Load Efficiency and Effective Waste Utilization," SAE Technical Paper 2017-01-0768, 2017.</p>	<p>doi:10.4271/2017-01-0768, http://papers.sae.org/2017-01-0768/, https://www-scopus-com.am.e-nformation.ro/</p>	1.00
C80-A3	<p>N. Saifuddin, H. Refal and P. Kumaran, Performance and emission characteristics of micro gas turbine engine fuelled with bioethanol-diesel-biodiesel blends. International Journal of Automotive and Mechanical Engineering, ISSN: 2229-8649 (Print); ISSN: 2180-1606 (Online); Volume 14, Issue 1 pp. 4030-4049, March 2017 ©Universiti Malaysia Pahang Publishing, WOS.</p>	<p>https://doi.org/10.15282/ijame.14.1.2017.16.0326, http://apps.webofknowledge.com.am.e-nformation.ro, https://www.scopus.com/record/display.uri?eid=2-s2.0-85028510476&origin=inward&txGid=477b51c9ee3ba72426559834d513317b</p>	1.00
C81-A3	<p>Hasan Aydogan; A. Engin Ozcelik; Mustafa Acaroglu, An Experimental Study on the Effects of Bioethanol - Gasoline Blends on Engine Performance in a Spark Ignition Engine. International Conference on Consumer Electronics and Devices (ICCED), 14-17 July 2017, IEEE Xplore: 31 August 2017, Electronic ISBN: 978-1-5386-0403-8, DVD ISBN: 978-1-5386-0402-1, Print on Demand(PoD) ISBN: 978-1-5386-0404-5, WOS.</p>	<p>DOI: 10.1109/ICCED.2017.8019984, http://ieeexplore.ieee.org/abstract/document/8019984/, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	1.00

C82-A3	<p>M H Low, N A M Mukhtar, Ftwi Yohaness Hagos and M M Noor (2017), Tri-fuel (diesel-biodiesel-ethanol) emulsion characterization, stability and the corrosion effect. IOP Publishing, IOP Conference Series: Materials Science and Engineering, Volume 257, conference 1, 4th International Conference on Mechanical Engineering Research (ICMER2017), IOP Conf. Series: Materials Science and Engineering 257 (2017) 012082, (M H Low et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 257 012082), WOS.</p>	<p>doi:10.1088/1757-899X/257/1/012082, http://iopscience.iop.org/article/10.1088/1757-899X/257/1/012082/meta, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	2017	1.00
C83-A3	<p>Omidvarborna, H., Kumar, A., Kim, D.-S., The effects of the degree of unsaturation of various biodiesel feedstocks on CO and CO2 emissions from low-temperature combustion (Conference Paper). Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA Volume 3, 2016, Pages 2135-2145, 109th Air and Waste Management Association Annual Conference and Exhibition: Unmasking the Industrial Renaissance, ACE 2016; New Orleans; United States; 20 June 2016 through 23 June 2016; Code 126145.</p>	<p>https://www-scopus-com.am.e-nformation.ro/</p>	2016	1.00
C84-A3	<p>Vara Prasad, P., Hariprakash, R., Durga Prasad, B., Influence of FIP on crude rice bran biodiesel fuelled DICl engine. ARPN Journal of Engineering and Applied Sciences, Volume 11, Issue 19, 1 October 2016, Pages 11536-11543, ISSN:1819-6608, Publisher: Asian Research Publishing Network (ARPN).</p>	<p>http://www.arpnjournals.org/jegas/research_papers/rp_2016/jegas_1016_5107.pdf, https://www-scopus-com.am.e-nformation.ro/</p>	2016	1.00
C85-A3	<p>Hamid Omidvarborna, Ashok Kumar, Dong-Shik Kim, A laboratory investigation on the effects of unsaturated bonds and chain lengths of different biodiesel feedstocks on carbon dioxide, carbon monoxide, and methane emissions under low-temperature combustion. Journal of Environmental Chemical Engineering, ISSN: 2213-3437, Available online 2 November 2016, WOS.</p>	<p>http://dx.doi.org/10.1016/j.jecce.2016.11.001, http://www.sciencedirect.com/science/article/pii/S2213343716303931, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	2016	1.00

C86-A3	Zulkifli Abdul Majid, Rahmat Mohsin, Noor Shawal Nasri, Effect of Bioethanol on Engine Performance and Exhaust Emissions of a Diesel Fuel Engine. International Journal of Technology (2016) 6: 972-980, © IJTech 2016, ISSN 2086-9614, WOS.	http://www.ijtech.eng.ui.ac.id/index.php/journal/article/view/3662, https://doi.org/10.14716/ijtech.v7i6.3662, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/	2016	1.00
C87-A3	D.H. Qi, C.F. Lee, P.P. Wang & S.T. Wu, Effect of ethanol on the performance, emission and combustion characteristics of a compression ignition engine fuelled with vegetable oil–diesel blend. In: International Journal of Ambient Energy, DOI: 10.1080/01430750.2014.962087, ISSN: 0143-0750 (Print), 2162-8246 (Online), Published By: Taylor & Francis Group, Volume 37, Issue 3, 2016, pages 284-293, WOS.	http://www.tandfonline.com/doi/abs/10.1080/01430750.2014.962087#.VDoJCpDn_Dc, WOS - http://apps.webofknowledge.com.am.e-nformation.ro/	2016	1.00
C88-A3	Marchitto, L., Merola, S., Tornatore, C., and Valentino, G., "An Experimental Investigation of Alcohol/Diesel Fuel Blends on Combustion and Emissions in a Single-Cylinder Compression Ignition Engine," SAE Technical Paper 2016-01-0738, 2016.	doi:10.4271/2016-01-0738, http://papers.sae.org/2016-01-0738/, https://www-scopus-com.am.e-nformation.ro/	2016	1.00
C89-A3	Prabakaran, B., Sundar, S.P., Experimental investigation on performance, emission, and ignition delay analysis of biodiesel addition in diesel-ethanol blends. International Journal of Energy, Environment and Economics, Volume 23, Issue 1, 1 January 2015, Pages 149-157, ISSN: 1054-853X.	https://www-scopus-com.am.e-nformation.ro/	2015	1.00
C90-A3	Teodora Deac, Lucian Fecete-Tutunaru, Ferenc Gaspar, Environmental Impact of Sawdust Briquettes Use – Experimental Approach. In: Energy Procedia, Volume 85, January 2016, Pages 178–183, ISSN: 1876-6102, Elsevier, EENVIRO-YRC 2015 - Bucharest, doi:10.1016/j.egypro.2015.12.324, WOS.	http://www.sciencedirect.com/science/article/pii/S1876610215029896, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/	2015	1.00

C91-A3	Renata Marks-Bielska, Stanislaw Bielski, Krystyna Kurowska, Hubert Kryszk, Potential ability to increase the area of winter rapeseed cultivation for biofuel production in Poland. In: 14th International Scientific Conference Engineering for Rural Development, 20.-22.05.2015. Jelgava, LATVIA, ISSN 1691-5976, pp. 330-335, WOS.	http://tf.llu.lv/conference/proceedings2015/Papers/054_Marks-Bielska.pdf , https://www-scopus-com.am.e-nformation.ro/ , http://apps.webofknowledge.com.am.e-nformation.ro/	2015	1.00
C92-A3	M. Mofijur, M.G. Rasul, J. Hyde, Recent Developments on Internal Combustion Engine Performance and Emissions Fuelled With Biodiesel-Diesel-Ethanol Blends. In: Procedia Engineering, Volume 105, 2015, Pages 658–664, ISSN: 1877-7058, The 6th BSME International Conference on Thermal Engineering, WOS.	doi:10.1016/j.proeng.2015.05.045 , http://www.sciencedirect.com/science/article/pii/S1877705815008425 , http://apps.webofknowledge.com.am.e-nformation.ro/	2015	1.00
C93-A3	Bin Abdullah, M.F.E., Bin Sulaiman, M.H., Abdul Majid, N.A.B., NOx emission of diesel fuel blended with different saturation degrees of biofuel and with oxygenator (Conference Paper), Applied Mechanics and Materials , Volume 660, 2014, Pages 397-401, 5th International Conference on Mechanical and Manufacturing Engineering 2014, ICME 2014; Bandung; Indonesia; 29 October 2014 through 30 October 2014; Code 110759, ISSN: 1660-9336, ISBN: 978-303835278-5; 978-303835278-5, Document Type: Conference Paper.	10.4028/www.scientific.net/AMM.660.397 , https://www-scopus-com.am.e-nformation.ro/	2014	1.00
C94-A3	P. Prus; M. Borecki; M. L. Korwin-Pawłowski and M. Duk, Software detection of characteristics data of optical signals received in multiparametric capillary sensors of diesel fuel, Proc. SPIE 9662, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2015, 966209 (September 11, 2015); doi:10.1117/12.2203125, WOS.	http://dx.doi.org/10.1117/12.2203125 , http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2442182 , https://www-scopus-com.am.e-nformation.ro/ , http://apps.webofknowledge.com.am.e-nformation.ro/	2015	1.00

C95-A3	<p>P. Prus ; M. Borecki ; M. L. Korwin-Pawlowski ; A. Kociubiński and M. Duk, "Automatic detection of characteristic points and form of optical signals in multiparametric capillary sensors", Proc. SPIE 9290, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2014, 929009 (November 25, 2014); doi:10.1117/12.2074463, WOS.</p>	<p>http://dx.doi.org/10.1117/12.2074463, http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1984547, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	2014	1.00
C96-A3	<p>Marchetti, J.M., Biodiesel properties and emissions based on the type of blend and raw material (Book Chapter). Biodiesel: Blends, Properties and Applications, January 01, 2014, Pages 343-362, ISBN: 978-162081664-6; 978-163117024-9.</p>	<p>https://www-scopus-com.am.e-nformation.ro/</p>	2014	1.00
C97-A3	<p>Pali, H., Kumar, N., and Mishra, C., Effect of Blending of Ethanol in Kusum Oil on Performance and Emission Characteristics of a Single Cylinder Diesel Engine, SAE Technical Paper 2014-01-1396, 2014, DOI: 10.4271/2014-01-1396, Volume 1, 2014, SAE 2014 World Congress and Exhibition; Detroit, MI; United States; 8 April 2014 through 10 April 2014; Code 104424.</p>	<p>http://papers.sae.org/2014-01-1396/, https://www-scopus-com.am.e-nformation.ro/</p>	2014	1.00
C98-A3	<p>Wu, J., Hua, Y., Wang, Z.C., Zhu, L., Wang, H.M., Study on Combustion and Emission Characteristics of Acidic Oil Biodiesel. 5th International Conference on Mechanical, Industrial, and Manufacturing Technologies, MIMT 2014; Penang; Malaysia; 10 March 2014 through 11 March 2014; Code 104671, Applied Mechanics and Materials, Volume 541-542, 2014, Pages 982-988, ISSN: 16627482, ISBN: 978-303835055-2, WOS.</p>	<p>10.4028/www.scientific.net/AMM.541-542, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	2014	1.00

C99-A3	Balasubramanian, K.A., Srithar, K., Multiple biodiesel mixtures in diesel engine - performance and emission analysis. Energy Education Science and Technology Part A: Energy Science and Research, Volume 32, Issue 1, 2014, Pages 13-24, ISSN:1308-772X.	2014	https://www-scopus-com.am.e-nformation.ro/	1.00
C100-A3	Paul, Abhishek; Panua, Rajsekhar; Bose, Probir Kumar; Banerjee, Rahul. An experimental study of performance and emission parameters of a compression ignition engine fueled by different blends of Diesel-Ethanol-biodiesel. 2013 International Conference on Energy Efficient Technologies for Sustainability, ICEETS 2013, Nagercoil; India; 10 April 2013 through 12 April 2013; Code 98095, Article number 6533485, Pages 786-791, Print ISBN: 978-1-4673-6149-1, Indexed in SCOPUS, WOS.	2013	DOI:10.1109/ICEETS.2013.6533485, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6533485&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6533485; https://www-scopus-com.am.e-nformation.ro/ , http://apps.webofknowledge.com.am.e-nformation.ro/	1.00
C101-A3	Gaurav Dwivedi, Siddharth Jain, M.P. Sharma. Diesel engine performance and emission analysis using biodiesel from various oil sources – Review. J. Mater. Environ. Sci. 4 (4) (2013) 434-447, ISSN: 2028-2508, CODEN: JMESCN 434, Indexed in SCOPUS.	2013	http://www.jmaterenvironsci.com/Document/vol4/vol4_N4/65-JMES-371-2013-Dwivedi.pdf , https://www-scopus-com.am.e-nformation.ro/	1.00
C102-A3	Octavio Armas, Arantzazu Gómez, Carmen Mata, Ángel Ramos, Particles emitted during the stops of an urban bus fuelled with ethanol–biodiesel–diesel blends. Journal Urban Climate, Imprint: ELSEVIER, Volume 2, December 2012, Pages 43–54, DOI: 10.1016/j.uclim.2012.10.007, ISSN: 2212-0955.	2012	http://dx.doi.org/10.1016/j.uclim.2012.10.007 , http://www.sciencedirect.com/science/article/pii/S2212095512000144 , https://www-scopus-com.am.e-nformation.ro/	1.00
C103-A3	K. Arun Balasubramanian, Dual Biodiesel Blends in Diesel Engine – Performance and Emission Analysis. European Journal of Scientific Research, ISSN 1450-216X, Vol.75 No.3 (2012), pp. 400-408.	2012	http://www.europeanjournalofscientificresearch.com/ISSUES/EJSR_75_3_09.pdf , https://www-scopus-com.am.e-nformation.ro/	1.00

C104-A3	Geacai, S., Nita, I., Iulian, O., Geacai, E., Ștefaniu, A., Physico-chemical properties of mixtures with biodiesel, diesel fuel, benzene and toluene (Conference Paper), 20th International Congress of Chemical and Process Engineering, CHISA 2012 and 15th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2012;Prague;25 August 2012 through 29 August 2012.	2012	https://www-scopus-com.am.e-nformation.ro/	1.00
C105-A3	Sivapirakasam, S.P., Anand, R., Kannan, G.R., Balasubramanian, K.R., Optimization of biodiesel production using RSM and study of combustion characteristics on di diesel engine, ASME 2012 International Mechanical Engineering Congress and Exposition, Proceedings IMECE 2012; Houston, TX; United States; 9 November 2012 through 15 November 2012; Code 100737, Volume 6, Issue PARTS A AND B, 2012, Pages 37-42, WOS.	2012	http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1751121 , https://www-scopus-com.am.e-nformation.ro/ , http://apps.webofknowledge.com.am.e-nformation.ro/	1.00
C106-A3	Krzysztof Gorski, Ruslans Smigins, Impact of ether/ethanol and biodiesel blends on combustion process of compression ignition engine. 10th International Scientific Conference Engineering for Rural Development, Jelgava, 26.-27.05.2011, Proceedings, Volume 10, May 26-27, 2011, pp. 260-265, ISSN: 1691-5976; 1691-3043.	2011	http://tf.llu.lv/conference/proceedings2011/Papers/048_Gorski.pdf , https://www-scopus-com.am.e-nformation.ro/	1.00
C107-A3	Marchetti, J.M., Biodiesel properties and emissions based on the type of blend and raw material (Book Chapter). Biodiesel: Blends, Properties and Applications, 2011, Pages 345-362, ISBN: 978-161324660-3.	2011	https://www-scopus-com.am.e-nformation.ro/	1.00

C108-A3	<p>Aydoğan, H., Acaroğlu, M., The Effects of Bioethanol-Diesel Fuel Blends on the Performance and Emissions of a Turbocharged Pump Injection Diesel Engine. Energy Education Science and Technology Part A: Energy Science and Research, 2011 Volume (Issues) 28(1): 261-270, ISSN: 1308-772X, WOS.</p>	<p>http://www.silascience.com/journals_detail.aspx?j_id=2&v_no=69, https://www.scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	2011		1.00	
A4	<p>Barabás, I.; Todoruț, I.-A. (2011). Predicting the Temperature Dependent Viscosity of Biodiesel – Diesel – Bioethanol Blends. În: Energy & Fuels, 2011, Volume 25, Issue 12, pg. 5767–5774, DOI: 10.1021/ef2007936, ISSN 0887-0624 (Print Edition), ISSN: 1520-5029 (Web Edition), http://pubs.acs.org/doi/abs/10.1021/ef2007936; http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000297946500025.</p>	<p>Ericsem Pereira, Antonio J.A. Meirelles, Guilherme J. Maximo, Predictive models for physical properties of fats, oils, and biodiesel fuels. Fluid Phase Equilibria, Available online 24 December 2019, 112440, ISSN: 0378-3812.</p>	<p>https://doi.org/10.1016/j.fluid.2019.112440, https://www.sciencedirect.com/science/article/abs/pii/S03783812</p>	2019	2.514	3.51
C2-A4	<p>Aliakbar Roosta, Roghayeh Bardool, A Predictive Correlation for Dynamic Viscosity of Fatty Acid Methyl Esters and Biodiesel. Journal of the American Oil Chemists' Society (JAOCS), ISSN: 0003-021X (Print) 1558-9331 (Online), First published: 05 June 2019.</p>	<p>https://doi.org/10.1002/aocs.12243, https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/aocs.12243</p>	2019	43	1.72	2.72
C3-A4	<p>Shubhra Kanti Das, Kihyun Kim, Ocktaeck Lim, Experimental study on non-vaporizing spray characteristics of biodiesel-blended gasoline fuel in a constant volume chamber. In: Fuel Processing Technology, Volume 178, September 2018, Pages 322-335, ISSN: 0378-3820.</p>	<p>https://doi.org/10.1016/j.fuproc.2018.05.009, https://www.sciencedirect.com/science/article/pii/S03783820</p>	2018	18303552	3.956	4.96

C4-A4	<p>Seyed Reza Amini Niaki, Sajad Mahdavi, Joseph Mouallem, Experimental and simulation investigation of effect of biodiesel-diesel blend on performance, combustion, and emission characteristics of a diesel engine. Environmental Progress & Sustainable Energy, Volume 37, Issue 4, July/August 2018, Pages 1540-1550, Published on behalf of the American Institute of Chemical Engineers, ISSN: 1944-7442, E-ISSN: 1944-7450, Wiley Online Library.</p>	<p>https://doi.org/10.1002/ep.12845, https://onlinelibrary.wiley.com/doi/abs/10.1002/ep.12845</p>	2018	1.326	2.33
C5-A4	<p>Chao Su, Chenyang Zhu, Tianwang Lai, Tao Wang, Xiangyang Liu, Maogang He, Temperature and pressure dependence of densities and viscosities for binary mixtures of methyl decanoate plus n-heptane. Thermochimica Acta, Available online 22 October 2018, Volume: 670 Pages: 211-218, ISSN: 0040-6031.</p>	<p>https://www.sciencedirect.com/science/article/abs/pii/S0040603118303289, https://doi.org/10.1016/j.tca.2018.10.018</p>	2018	2.189	3.19
C6-A4	<p>Maciej Kapkowski, Judyta Popiel, Tomasz Siudyga, Marzena Dzida, Edward Zorębski, Małgorzata Musiał, Rafał Sitko, Jacek Szade, Katarzyna Balin, Joanna Klimontko, Maciej Zubko, Jaroslaw Polanski, Mono- and bimetallic nano-Re systems doped Os, Mo, Ru, Ir as nanocatalytic platforms for the acetalization of polyalcohols into cyclic acetals and their applications as fuel additives. In: Applied Catalysis B: Environmental, Volume 239, 30 December 2018, Pages 154-167, ISSN: 0926-3373.</p>	<p>https://doi.org/10.1016/j.apcatb.2018.07.071, https://www.sciencedirect.com/science/article/pii/S092633731830715X</p>	2018	11.698	12.70
C7-A4	<p>Mert Gülüm, Atilla Bilgin, A comprehensive study on measurement and prediction of viscosity of biodiesel-diesel-alcohol ternary blends. Energy, Available online 3 February 2018, Volume 148, 1 April 2018, Pages 341-361, ISSN: 0360-5442.</p>	<p>https://doi.org/10.1016/j.energy.2018.01.123, https://www.sciencedirect.com/science/article/pii/S036054421830152X</p>	2018	4.520	5.52

C8-A4	Ali Aminian, Bahman Zare Nezhad, Accurate predicting the viscosity of biodiesels and blends using soft computing models. Renewable Energy, Volume 120, May 2018, Pages 488-500, ISSN: 0960-1481.	2018	https://doi.org/10.1016/j.renene.2017.12.038 , https://www.sciencedirect.com/science/article/pii/S09601481	17312429	4.900	5.90
C9-A4	Fuxin Yang, Xiaopo Wang, Houzhang Tan, Siyuan He, Zhigang Liu, Experimental investigations on the thermophysical properties of methyl myristate in alcoholic solutions. In: Fuel, Volume 215, 1 March 2018, Pages 187–195, ISSN: 0016-2361.	2018	https://doi.org/10.1016/j.fuel.2017.10.122 , https://www.sciencedirect.com/science/article/pii/S00162361	1731373X	4.601	5.60
C10-A4	Salah E.Zoorob, Georges A.Mturi, CesareSangiorgi, MarisaDinis-Almeida, Noor ZainabHabib, Fluxing as a new tool for bitumen rheological characterization and the use of time-concentration shift factor (ac). Construction and Building Materials, Volume 158, ISSN: 0950-0618, 15 January 2018, Pages 691-699.	2018	https://doi.org/10.1016/j.conbuildmat.2017.10.020 , http://www.sciencedirect.com/science/article/pii/S095006181	7320500	3.169	4.17
C11-A4	Leidy T. Vargas-Ibáñez, Gustavo A. Iglesias-Silva, José J. Cano-Gómez, Carlos Escamilla-Alvarado, and Miguel A. Berrones-Eguiluz, Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa. J. Chem. Eng. Data, Article ASAP, DOI: 10.1021/acs.jced.7b00996, Publication Date (Web): March 29, 2018, Print Edition ISSN: 0021-9568, Web Edition ISSN: 1520-5134.	2018	https://pubs.acs.org/doi/abs/10.1021/acs.jced.7b00996	0.1021/acs.jced.7b00996	2.323	3.32
C12-A4	Leila Fereidooni, Kambiz Tahvildari, Mehdi Mehrpooya, Trans-esterification of waste cooking oil with methanol by electrolysis process using KOH. Renewable Energy, Volume 116, Part A, February 2018, Pages 183-193, ISSN: 0960-1481.	2018	https://doi.org/10.1016/j.renene.2017.08.067 , http://www.sciencedirect.com/science/article/pii/S096014811	730825X	4.900	5.90

C13-A4	DRAGOS TUTUNEA, Study of the Variation of Kinematic Viscosity and Density of Various Biodiesel Blends with Temperature. REVISTA DE CHIMIE, 69, No. 7, 2018, pp. 1645-1648, ISSN 0034-7752, Publisher: CHIMINFORM DATA S A, CALEA PLEVNEI NR 139, SECTOR 6, BUCHAREST R-77131, ROMANIA, WOS.	http://www.revistadechimie.ro/pdf/9%20TUTUNEA%207%2018.pdf , http://apps.webofknowledge.com.am.e-nformation.ro/ , https://www-scopus-com.am.e-nformation.ro/	2018	1.412	2.41
C14-A4	José J. Cano-Gómez, Gustavo A. Iglesias-Silva, Pasiano Rivas, Christian O. Díaz-Ovalle, and Felipe de Jesús Cerino-Córdova, Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Butanol, + Isobutyl Alcohol, or + 2-Butanol from 293.15 to 333.15 K at 0.1 MPa. Journal of Chemical & Engineering Data (Chem. Eng. Data), 2017, 62 (10), pp 3391–3400, Print ISSN: 0021-9568, Web ISSN: 1520-5134, Publication Date (Web): September 28, 2017, American Chemical Society.	DOI:10.1021/acs.jced.7b00440 , http://pubs.acs.org/doi/abs/10.1021/acs.jced.7b00440	2017	2.323	3.32
C15-A4	Mert Gülüm, Atilla Bilgin, Measurements and empirical correlations in predicting biodiesel-diesel blends' viscosity and density. Fuel, Volume 199, 1 July 2017, Pages 567–577, ISSN: 0016-2361.	http://dx.doi.org/10.1016/j.fuel.2017.03.001 , http://www.sciencedirect.com/science/article/pii/S0016236117302582	2017	4.601	5.60
C16-A4	Bereczky, A., Effect of the Use of Waste Vegetable Oil Based Biodiesel on the Landscape in Diesel Engines. THERMAL SCIENCE International Scientific Journal, Year 2017, Vol. 21, No. 1B, pp. 567-579, ISSN 2334-7163 (online edition), ISSN 0354-9836 (printed edition).	DOI:10.2298/TSCI150630280B , http://thermalscience.vinca.rs/pdfs/papers-2016/TSCI150630280B.pdf	2017	1.222	2.22
C17-A4	Nita, I.; Geacai, E. ; Osman, S. ; Iulian, O., Volumetric Properties of Pseudo-Binary and Ternary Mixtures with Biodiesel. REVISTA DE CHIMIE, 67, No. 9, 2016, pp. 1763-1768, ISSN 0034-7752, Publisher: CHIMINFORM DATA S A, CALEA PLEVNEI NR 139, SECTOR 6, BUCHAREST R-77131, WOS.	http://www.revistadechimie.ro/pdf/NITA%20I%209%2016.pdf , http://apps.webofknowledge.com.am.e-nformation.ro/	2016	1.412	2.41

C18-A4	Egle Sendzikiene, Alfredas Rimkus, Mindaugas Melaika, Violeta Makareviciene, Saugirdas Pukalskas, Impact of biomethane gas on energy and emission characteristics of a spark ignition engine fuelled with a stoichiometric mixture at various ignition advance angles. Fuel, Volume 162, 15 December 2015, Pages 194–201, ISSN: 0016-2361.	2015	doi: 10.1016/j.fuel.2015.09.019, http://www.sciencedirect.com/science/article/pii/S0016236115009096	3.406	4.41
C19-A4	Alexandra A. Aliche, Bruna C. Leopercio , Flávio H. Marchesini , Paulo R. de Souza Mendes, Guidelines for the rheological characterization of biodiesel. In: Fuel, Volume 140, 15 January 2015, Pages 446–452, ISSN: 0016-2361.	2015	http://www.sciencedirect.com/science/article/pii/S0016236114009442 , doi:10.1016/j.fuel.2014.09.075	3.406	4.41
C20-A4	Laurencas Rastlavičius, Artūras Keršys, Martynas Starevičius, Jonas Sapragnas, Žilvinas Bazaras, Biofuels, sustainability and the transport sector in Lithuania. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 328–346, ISSN: 1364-0321.	2014	http://dx.doi.org/10.1016/j.rser.2014.01.019 , http://www.sciencedirect.com/science/article/pii/S1364032114000306	5.510	6.51
C21-A4	Jiefeng Lin, Gabrielle Gaustad, Thomas A. Trabold. Profit and policy implications of producing biodiesel–ethanol–diesel fuel blends to specification. Applied Energy, Volume 104, April 2013, Pages 936–944, ISSN: 0306-2619; E-ISSN: 1872-9118.	2013	http://www.sciencedirect.com/science/article/pii/S0306261912008525 , http://dx.doi.org/10.1016/j.apenergy.2012.11.049	4.781	5.78
C22-A4	Rory M. Power, Stephen H. Simpson, Jonathan P Reid and Andrew J Hudson, The Transition from Liquid to Solid-Like Behaviour in Ultrahigh Viscosity Aerosol Particles. Chemical Science, Chem. Sci., 2013, 4, 2597-2604, PUBLISHER: ROYAL SOC CHEMISTRY, ISSN: 2041-6520, E-ISSN: 2041-6539, DOI: 10.1039/C3SC50682G.	2013	DOI: 10.1039/C3SC50682G, http://pubs.rsc.org/en/content/articlelanding/2013/sc/c3sc50682g	8.314	9.31

C23-A4	Jason S. Lee, Richard I. Ray, Brenda J. Little, Kathleen E. Duncan, Athenia L. Oldham, Irene A. Davidova & Joseph M. Sulflita, Sulphide production and corrosion in seawaters during exposure to FAME diesel, Biofouling: The Journal of Bioadhesion and Biofilm Research, Volume 28, Issue 5, 2012, pages 465-478, Published By: Taylor & Francis, ISSN 0892-7014 (Print), 1029-2454 (Online), DOI: 10.1080/08927014.2012.687723.	http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0892-7014 , http://www.tandfonline.com/doi/abs/10.1080/08927014.2012.687723 , http://www.ncbi.nlm.nih.gov/pubmed/22594394	2012	4.429	5.43
C24-A4	Youssef Kassem , Hüseyin Çamur, Prediction of biodiesel density for extended ranges of temperature and pressure using adaptive neuro-fuzzy inference system (ANFIS) and radial basis function (RBF). Procedia Computer Science, Volume 120, 2017, Pages 311–316, ISSN: 1877-0509, WOS.	https://doi.org/10.1016/j.procs.2017.11.244 , https://www.sciencedirect.com/science/article/pii/S1877050917324560 , http://apps.webofknowledge.com.am.e-nformation.ro , https://www-scopus-com.am.e-nformation.ro/	2017		1.00
C25-A4	Youssef Kassem, Hüseyin Çamur, Engin Esenel, Adaptive neuro-fuzzy inference system (ANFIS) and response surface methodology (RSM) prediction of biodiesel dynamic viscosity at 313 K. Procedia Computer Science, Volume 120, 2017, Pages 521–528, ISSN: 1877-0509, WOS.	https://doi.org/10.1016/j.procs.2017.11.274 , https://www.sciencedirect.com/science/article/pii/S1877050917324869 , http://apps.webofknowledge.com.am.e-nformation.ro/	2017		1.00
C26-A4	Gábor Szendrő; Mária Csete; Ádám Török, The Sectoral Adaptive Capacity Index of Hungarian Road Transport. Periodica Polytechnica, Journal of the Budapest University of Technology and Economics, Faculty of Economic and Social Sciences, Series Social and Management Sciences, (Per. Pol. Soc. and Man. Sci.) Vol. 22 (2014) paper 7377, ISSN: 1587-3803.	DOI: 10.3311/PPso.7377, https://www-scopus-com.am.e-nformation.ro/	2014		1.00

C27-A4	Tamás Andrejszki, Miquel Gangonells, Eva Molnar, Ádám Török. ForFITS: a new help in transport decision making for a sustainable future. In: Periodica Polytechnica, Transportation Engineering, 42(2), pp. 119-124, 2014, ISSN: 0303-7800, EISSN: 1587-3811.	http://www.pp.bme.hu/tr/article/view/7442/6446 , https://www-scopus-com.am.e-information.ro/ ,	2014 DOI:10.3311/PPtr.7442	1.00	
C28-A4	Ferenc Meszaros, Adam Torok, Theoretical investigation of emission and delay based intersection controlling and synchronising in Budapest. Periodica Polytechnica, Journal of the Budapest University of Technology and Economics, Series Transportation Engineering, Vol 42, No 1 (2014), pp. 37-42, ISSN: 0303-7800, EISSN: 1587-3811, DOI: 10.3311/PPtr.7183, p. 37-42.	http://www.pp.bme.hu/tr/article/view/7183/0 , https://www-scopus-com.am.e-information.ro/ ,	2014 DOI:10.3311/PPtr.7183	1.00	
C29-A4	Zsuzsanna Bede, Adam Torok, Theoretical Investigation of Traffic Equilibrium on Bridges. Transport and Telecommunication Journal. Volume 15, Issue 2, Pages 144–150, ISSN (Online) 1407-6179, ISSN (Print) 1407-6160, April 2014.	http://www.degruyter.com/view/j/ttj.2014.15.issue-2/ttj-2014-0013/ttj-2014-0013.xml?format=INT . https://www-scopus-com.am.e-information.ro/ ,	2014 DOI:10.2478/ttj-2014-0013	1.00	
A5	Barabás, I.; Todoruț, A. (2009). Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. In: SAE2009 International Powertrains, Fuels and Lubricants Meeting, June 15-17, Florence, Italy. Session: Alternative and Advanced Fuels. Paper Identification Number: 09SFL-0256_2009-01-1810, ISSN 0148-7191, DOI: 10.4271/2009-01-1810. http://www.sae.org/technical/papers/2009-01-1810 ; http://papers.sae.org/2009-01-1810 , http://www.scopus.com .	Florian Pradelle, Sergio Leal Braga, Ana Rosa, Fonseca de Aguiar Martins, FranckTurkovics, Renata Nohra Char Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Potential as diesel fuel substitute on an Euro III engine. In: Renewable Energy, Volume 136, June 2019, Pages 586-598, ISSN: 0960-1481.	https://doi.org/10.1016/j.renene.2019.01.025 , https://www.sciencedirect.com/science/article/pii/S0960148119300254	2019 19300254	5.439 6.44

C2-A5	<p>Felipe Fernandes Klajn, Flávio Gurgacz, Anderson Miguel Lenz, Giuseppe Eugenio Peruzo Iacono, Samuel Nelson Melegari de Souza & Yuri Ferruzzi, Comparison of the emissions and performance of ethanol-added diesel–biodiesel blends in a compression ignition engine with those of pure diesel. In: Journal Environmental Technology, Print ISSN: 0959-3330 Online ISSN: 1479-487X, Taylor & Francis, Published online: 01 Aug 2018.</p>	<p>https://doi.org/10.1080/09593330.2018.1504122, https://www.tandfonline.com/doi/abs/10.1080/09593330.2018.1504122</p>	2018	1.666	2.67
C3-A5	<p>Kibong Choi; Hyun Gu Roh; Chang Sik Lee, Comparative investigation of emissions and combustion characteristics between ethanol-biodiesel-diesel blends and diesel fuel in a passenger car diesel engine. International Journal of Oil, Gas and Coal Technology, Volume 16, Issue 2, 2017, Pages 203-216, ISSN online: 1753-3317, ISSN print: 1753-3309.</p>	<p>DOI:10.1504/IJOGCT.2017.10007007, https://doi.org/10.1504/IJOGCT.2017.086347, http://www.inderscienceonline.com/doi/abs/10.1504/IJOGCT.2017.086347</p>	2017	0.464	1.46
C4-A5	<p>Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Char Pradelle, Stabilization of diesel–biodiesel–ethanol (DBE) blends: formulation of an additive from renewable sources. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, pp 1–17, doi:10.1007/s40430-017-0862-1, ISSN: 1678-5878 (Print) 1806-3691 (Online), Publisher Springer Berlin Heidelberg.</p>	<p>doi:10.1007/s40430-017-0862-1, https://link.springer.com/article/10.1007/s40430-017-0862-1</p>	2017	0.239	1.24
C5-A5	<p>H. Tse, C.W. Leung, C.S. Cheung, Investigation on the combustion characteristics and particulate emissions from a diesel engine fueled with diesel-biodiesel-ethanol blends. Energy, ISSN: 0360-5442, Available online 7 March 2015.</p>	<p>doi:10.1016/j.energy.2015.02.030, http://www.sciencedirect.com/science/article/pii/S0360544215001851</p>	2015	4.159	5.16

C6-A5	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321.	http://dx.doi.org/10.1016/j.rser.2014.01.029 , http://www.sciencedirect.com/science/article/pii/S1364032114000409	2014	4000409	5.510	6.51
C7-A5	Shahrouz Norouzi, Kamyar Hazeri, Mirosław L. Wyszynski, Athanasios Tsolakis, Investigation on the effects of temperature, dissolved oxygen and water on corrosion behaviour of aluminium and copper exposed to diesel-type liquid fuels. Fuel Processing Technology, Volume 128, December 2014, Pages 220-231, ISSN: 0378-3820.	DOI: 10.1016/j.fuproc.2014.07.001 , http://www.sciencedirect.com/science/article/pii/S0378382014002823	2014	4002823	3.019	4.02
C8-A5	Hu Wang, Zunqing Zheng, Mingfa Yao & Rolf D. Reitz, An Experimental and Numerical Study on the Effects of Fuel Properties on the Combustion and Emissions of Low Temperature Combustion Diesel Engines. Combustion Science and Technology, Volume 186, Issue 12, 2014, pages 1795-1815, Published By: Taylor & Francis, 2014, ISSN: 0010-2202 (Print), 1563-521X (Online).	DOI: 10.1080/00102202.2014.920836 , http://www.tandfonline.com/doi/abs/10.1080/00102202.2014.920836#.VOjywpDTnDc	2014	.920836#.VOjywpDTnDc	0.976	1.98
C9-A5	Fazal, M.A., Haseeb, A.S.M.A., Masjuki, H.H., Degradation of automotive materials in palm biodiesel. Energy, Volume 40, Issue 1, April 2012, Pages 76-83, ISSN: 0360-5442, Imprint: ELSEVIER, DOI: 10.1016/j.energy.2012.02.026.	http://dx.doi.org/10.1016/j.energy.2012.02.026 , http://www.sciencedirect.com/science/article/pii/S0360544212001211	2012	2001211	3.651	4.65
C10-A5	R.D. Misra and M.S. Murthy, Blending of additives with biodiesels to improve the cold flow properties, combustion and emission performance in a compression ignition engine—A review. Renewable and Sustainable Energy Reviews, Volume 15, Issue 5, June 2011, Pages 2413-2422, ISSN: 1364-0321, Imprint: ELSEVIER, doi:10.1016/j.rser.2011.02.023, Key: citeulike:9150268.	doi: 10.1016/j.rser.2011.02.023 , http://www.citeulike.org/article/9150268 , http://www.sciencedirect.com/science/article/pii/S1364032111000657	2011	1000657	6.018	7.02

C11-A5	<p>Vara Prasad U. SATYA, K. Madhu MURTHY, and Gaddale Amba Prasad RAO, Effective utilization of B20 blend with diethyl ether and ethanol as oxygenated additives (Effective Utilization of B20 Blend with Oxygenated Additives). THERMAL SCIENCE - International Scientific Journal, 2011, Volume 15, Issue 4, Pages: 1175-1184, ISSN: 0354-9836, Publisher: VINČA Institute of Nuclear Sciences, DOI:10.2298/TSCI110513093U.</p>	<p>http://www.doiserbia.nb.rs/Article.aspx?id=0354-98361100093U#.VN4_yZDTnDc, http://scindeks.ceon.rs/article.aspx?artid=0354-98361104175S, http://www.doiserbia.nb.rs/img/doi/0354-9836/2011/0354-98361100093U.pdf</p>	2011	0.779	1.78
C12-A5	<p>D.H. Qi, H. Chen, L.M. Geng, Y.Z. Bian, Effect of diethyl ether and ethanol additives on the combustion and emission characteristics of biodiesel-diesel blended fuel engine, Renewable Energy, Volume 36, Issue 4, April 2011, Pages 1252–1258; Key: citeulike: 8069854. (RENEW ENERG) ISSN 0960-1481.</p>	<p>doi: 10.1016/j.renene.2010.09.021, http://dx.doi.org/10.1016/j.renene.2010.09.021, http://www.sciencedirect.com/science/article/pii/S0960148110004520</p>	2011	2.978	3.98
C13-A5	<p>Máté Zöldy, Ethanol-biodiesel-diesel blends as a diesel extender option on compression ignition engines. Transport; Volume 26, Issue 3, 2011, pages 303-309; Available online: 05 Oct 2011, ISSN: 1648-4142 (Print); 1648-3489 (Online), DOI: 10.3846/16484142.2011.623824, WOS.</p>	<p>http://www.tandfonline.com/doi/abs/10.3846/16484142.2011.623824, http://apps.webofknowledge.com.am.e-nformation.ro, http://www.scopus.com</p>	2011	1.267	2.27
C14-A5	<p>Magin Lapuerta, Reyes Garcia-Contreras, John R. Agudelo, Lubricity of Ethanol-Biodiesel-Diesel Fuel Blends. Energy & Fuels 2010 24 (2), 1374-1379. doi: 10.1021/ef901082k. (ENERG FUEL) ISSN: 0887-0624.</p>	<p>http://pubs.acs.org/doi/abs/10.1021/ef901082k, http://cat.inist.fr/?aModele=afficheN&cpsidt=22447043</p>	2010	2.444	3.44
C15-A5	<p>D.H. Qi, H. Chen, L.M. Geng, Y.ZH. Bian, X.CH. Ren, Performance and combustion characteristics of biodiesel-diesel-methanol blend fuelled engine, Applied Energy, Volume 87, Issue 5, May 2010, Pages 1679-1686, doi:10.1016/j.apenergy.2009.10.016, (APPL ENERG) ISSN 0306-2619.</p>	<p>doi:10.1016/j.apenergy.2009.10.016, http://www.sciencedirect.com/science/article/pii/S030626190004449</p>	2010	3.888	4.89

C16-A5	S. Madiwale; A. Karthikeyan; V. Bhojwani, Properties investigation and performance analysis of a diesel engine fuelled with Jatropa, Soybean, Palm and Cottonseed biodiesel using Ethanol as an additive. PMME 2016, Science Direct, Materials Today: Proceedings, Elsevier, (Indexed in Scopus (Elsevier) and the CPI (Thomson Reuters, Web of Science)).	2016	http://www.sciencedirect.com , http://www.materialstoday.com/proceedings , http://www.pmme.co.in/papers/EMT-169.pdf , https://www-scopus-com.am.e-information.ro/	1.00
C17-A5	Puschmann, H., Diezemann, M., and Mueller, S., "Influence of Innovative Diesel-Ethanol Blend on Combustion, Emission and Fuel-Carrying Components," SAE Int. J. Fuels Lubr. 6(3):852-862, 2013, ISSN 1946-3952.	2013	https://doi.org/10.4271/2013-01-2696 , https://www-scopus-com.am.e-information.ro/	1.00
C18-A5	M. Al-Hassan, H. Mujafet and M. Al-Shannag, An Experimental Study on the Solubility of a Diesel-Ethanol Blend and on the Performance of a Diesel Engine Fueled with Diesel-Biodiesel - Ethanol Blends. JJMIE - Jordan Journal of Mechanical and Industrial Engineering, Volume 6, Number 2, April 2012 ISSN 1995-6665 Pages 147-153.	2012	http://jjmie.hu.edu.jo/files/v6n2/JJMIE-168-10.pdf , https://www-scopus-com.am.e-information.ro/	1.00
C19-A5	Lee, P.-I., Matsumoto, A., Zheng, Y., Xie, X., Lai, M.-C., The spray and engine combustion performance of ethanol-biodiesel fuel blends (Conference Paper). American Society of Mechanical Engineers, Internal Combustion Engine Division (Publication) ICE 2011, Pages 167-176, ISSN: 10665048, ISBN: 978-079184442-7, CODEN: AMEIE, Source Type: Conference Proceeding, DOI: 10.1115/ICEF2011-60073, Document Type: Conference Paper, ASME 2011 Internal Combustion Engine Division Fall Technical Conference, ICEF 2011; Morgantown, WV; United States; 2 October 2011 through 5 October 2011; Code 90599.	2011	DOI:10.1115/ICEF2011-60073 , https://www-scopus-com.am.e-information.ro/	1.00

A6	<p>Barabás, I.; Todoruț, I.-A. (2011). Biodiesel Quality, Standards and Properties. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/25370, Chapter 1, pp. 3-28, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/biodiesel-quality-standards-and-properties; http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000385799400002.</p>	<p>Adeniyi Abiodun Adenuga, Oluwatope Olaniyi Idowu, John Adekunle Oyedele Oyekunle, Synthesis of quality biodiesel from Calophyllum inophyllum kernels through reactive extraction method: Optimization of process parameters and characterization of the products. Renewable Energy, Available online 7 August 2019, Volume 145, January 2020, Pages 2530-2537, ISSN: 0960-1481.</p>	<p>https://doi.org/10.1016/j.renene.2019.08.035, https://www.sciencedirect.com/science/article/pii/S0960148119312224</p>	2019	19312224	5.439	6.44
C2-A6		<p>Isaac N Itodo, Rimamnuskep Stephen, Theresa K Kaankuka, Properties and Emissions from Diesel Blended with Spent Groundnut Oil Methyl Ester as Fuel in a Compression Ignition Engine. Applied Engineering in Agriculture, 35(6): 1057-1065, 2019, Print ISSN: 0883-8542, Online ISSN: 1943-7838.</p>	<p>doi: 10.13031/aea.13458, https://elibrary.asabe.org/abstract.asp?aid=50813</p>	2019		0.74	1.74
C3-A6		<p>Omama Kamoun, Gangatharan Muralitharan, Hafedh Belghith, Ali Gargouri, Hèla Trigui-Lahiani, Suitable carbon sources selection and ranking for biodiesel production by oleaginous <i>Mucor circinelloides</i> using multi-criteria analysis approach. Fuel, Volume 257, 1 December 2019, 116117.</p>	<p>https://doi.org/10.1016/j.fuel.2019.116117, https://www.sciencedirect.com/science/article/pii/S0016236119314711</p>	2019	19314711	5.128	6.13
C4-A6		<p>Boutheina Bessadok, Andrea Santulli, Thomas Breuck and Saloua Sadok, Species disparity response to mutagenesis of marine yeasts for the potential production of biodiesel. In: Biotechnology for Biofuels 2019 12:129, ISSN: 1754-6834, Published: 22 May 2019.</p>	<p>https://doi.org/10.1186/s13068-019-1459-y, https://biotechnologyforbiofuels.biomedcentral.com/articles/10.1186/s13068-019-1459-y</p>	2019	0.1186/s13068-019-1459-y	5.452	6.45

C5-A6	Houman RajabIslami, Reza Assareh, Enhancement effects of ferric ion concentrations on growth and lipid characteristics of freshwater microalga Chlorococcum oleofaciens KF584224.1 for biodiesel production. Renewable Energy, ISSN: 0960-1481, Available online 13 December 2019.	https://doi.org/10.1016/j.renene.2019.12.067 , https://www.sciencedirect.com/science/article/abs/pii/S0960148119319391	2019	48119319391	5.439	6.44
C6-A6	Nina Bruun, Abayneh Getachew Demesa, Fiseha Tesfaye, Jarl Hemming and Leena Hupa, Factors Affecting the Corrosive Behavior of Used Cooking Oils and a Non-Edible Fish Oil That Are in Contact with Ferrous Metals. Energies 2019, 12(24), 4812, Published: 17 December 2019.	https://doi.org/10.3390/en12244812 , https://www.mdpi.com/1996-1073/12/24/4812	2019	1073/12/24/4812	2.707	3.71
C7-A6	Muhammad Arif, Yanrui Bai, Muhammad Usman, Mohammed Jalalah, Farid A.Harraz, M.S.Al-Assiri, Xiangkai Li, El-Sayed Salama, Chunjiang Zhang, Highest accumulated microalgal lipids (polar and non-polar) for biodiesel production with advanced wastewater treatment: Role of lipidomics. Bioresource Technology, ISSN: 0960-8524, Available online 18 October 2019, 122299.	https://doi.org/10.1016/j.biortech.2019.122299 , https://www.sciencedirect.com/science/article/pii/S0960852419315299#!	2019	19315299#!	6.669	7.67
C8-A6	Indika Thushari, Sandhya Babel (2019), Biodiesel Production from Waste Palm Cooking Oil Using Solid Acid Catalyst Derived from Coconut Meal Residue. Waste and Biomass Valorization, pp 1–16, Publisher Name Springer Netherlands, Print ISSN 1877-2641, Online ISSN 1877-265X, (Thushari, I. & Babel, S. Waste Biomass Valor (2019). https://doi.org/10.1007/s12649-019-00820-9).	https://doi.org/10.1007/s12649-019-00820-9 ; https://link.springer.com/article/10.1007/s12649-019-00820-9	2019	e/10.1007/s12649-019-00820-9	2.358	3.36
C9-A6	Hiral N. Pandya, Sachin P. Parikh & Manan Shah, Comprehensive review on application of various nanoparticles for the production of biodiesel. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Print ISSN: 1556-7036 Online ISSN: 1556-7230, Published online: 16 Aug 2019.	https://doi.org/10.1080/15567036.2019.1648599 , https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1648599?journalCode=ueso20	2019	0	0.894	1.89

C10-A6	Meisam Tabatabaei, Mortaza Aghbashlo, Mona Dehghani, Hamed Kazemi Shariat Panahi, Arash Mollahosseini, Mehdi Hosseini, Mohamad Mojarab Soufiyan, Reactor technologies for biodiesel production and processing: A review. Progress in Energy and Combustion Science, Volume 74, September 2019, Pages 239-303, ISSN: 0360-1285.	https://doi.org/10.1016/j.pecs.2019.06.001 , https://www.sciencedirect.com/science/article/pii/S0360128519300206	2019	19300206	26.467	27.47
C11-A6	Madan Kumar Mandal, Papori Saikia, Ng. Kunjarani Chanu, Neha Chaurasia, Modulation of lipid content and lipid profile by supplementation of iron, zinc, and molybdenum in indigenous microalgae. In: Environmental Science and Pollution Research, Online ISSN 1614-7499, Print ISSN0944-1344, Publisher Springer Berlin Heidelberg, First Online 20 May 2019.	https://doi.org/10.1007/s11356-019-05065-6 , https://link.springer.com/article/10.1007/s11356-019-05065-6	2019	e/10.1007/s11356-019-05065-6	2.914	3.91
C12-A6	Saumita Chakravarty, Nirupama Mallick, Optimization of lipid accumulation in an aboriginal green microalga Selenastrum sp. GA66 for biodiesel production. In: Biomass and Bioenergy, Volume 126, ISSN: 0961-9534, July 2019, Pages 1-13.	https://doi.org/10.1016/j.biombioe.2019.05.006 , https://www.sciencedirect.com/science/article/pii/S0961953419301692	2019	19301692	3.537	4.54
C13-A6	Lawrence C. Baldwin, Matthew C. Davis, Alicia M. Hughes, David V. Lupton, Potential Vegetable-Based Diesel Fuels from Perkin Condensation of Furfuraldehyde and Fatty Acid Anhydrides. In: Journal of the American Oil Chemists' Society (JAOCS), Online ISSN:1558-9331, First published: 02 April 2019.	https://doi.org/10.1002/aocs.12210 , https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/aocs.12210	2019	10	1.72	2.72

C14-A6	Jin-Ho Yun; Dae-Hyun Cho; Jina Heo; Yong Jae Lee; Bongsoo Lee; Yong Keun Chang; Hee-Sik Kim, Evaluation of the potential of Chlorella sp. HS2, an algal isolate from a tidal rock pool, as an industrial algal crop under a wide range of abiotic conditions. In: Journal of Applied Phycology, pp 1–14, First Online: 20 February 2019, Publisher Name: Springer Netherlands, Print ISSN: 0921-8971, Online ISSN: 1573-5176.	https://doi.org/10.1007/s10811-019-1751-z , https://link.springer.com/article/10.1007/s10811-019-1751-z	2019	2.635	3.64
C15-A6	Mohanraj Chandran, Senthilkumar Tamilkolundu & Chandrasekar Murugesan, Characterization studies: waste plastic oil and its blends. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Accepted 18 Jan 2019, Published online: 07 Mar 2019, Print ISSN: 1556-7036 Online ISSN: 1556-7230.	https://doi.org/10.1080/15567036.2019.1587074 , https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1587074	2019	0.894	1.89
C16-A6	Indika Thushari, Sandhya Babel, Chantip Samart, Biodiesel production in an autoclave reactor using waste palm oil and coconut coir husk derived catalyst. Renewable Energy, Volume 134, April 2019, Pages 125-134, ISSN: 0960-1481.	https://doi.org/10.1016/j.renene.2018.11.030 , https://www.sciencedirect.com/science/article/pii/S0960148118313491	2019	5.439	6.44
C17-A6	Marija Stamenković, Elin Steinwall, Anders K. Nilsson, Angela Wulff, Desmids (Zygnematophyceae, Streptophyta) as a promising freshwater microalgal group for the fatty acid production: results of a screening study. In: Journal of Applied Phycology (J Appl Phycol), April 2019, Volume 31, Issue 2, pp 1021–1034, Publisher Springer Netherlands, First Online: 11 August 2018, ISSN: 0921-8971 (Print) 1573-5176 (Online).	https://doi.org/10.1007/s10811-018-1598-8 , https://link.springer.com/article/10.1007/s10811-018-1598-8	2019	2.616	3.62

C18-A6	Omama Kamoun, Ines Ayadi, Mohamed Guerfali, Hafedh Belghith, Ali Gargouri, Hèla Trigui-Lahiani, Fusarium verticillioides as a single-cell oil source for biodiesel production and dietary supplements. In: Process Safety and Environmental Protection, Volume 118, August 2018, Pages 68-78, ISSN: 0957-5820.	2018	https://doi.org/10.1016/j.psep.2018.06.027 , https://www.sciencedirect.com/science/article/pii/S0957582018303689	2.551	3.55
C19-A6	Mariana S. Alvarez Serafini; Deborah M. Reinoso; Gabriela M. Tonetto, Response surface study and kinetic modelling of biodiesel synthesis catalyzed by zinc stearate. Energy, ISSN: 0360-5442, Available online 25 August 2018.	2018	https://doi.org/10.1016/j.energy.2018.08.182 , https://www.sciencedirect.com/science/article/pii/S0360544218317183	4.968	5.97
C20-A6	György Szabados, Ákos Bereczky, Experimental investigation of physicochemical properties of diesel, biodiesel and TBK-biodiesel fuels and combustion and emission analysis in CI internal combustion engine. In: Renewable Energy, Volume 121, June 2018, Pages 568-578, ISSN: 0960-1481.	2018	https://doi.org/10.1016/j.renene.2018.01.048 , https://www.sciencedirect.com/science/article/pii/S096014811830048X	4.9	5.90
C21-A6	Sinan Erdogan and Cenk Sayin, Selection of the Most Suitable Alternative Fuel Depending on the Fuel Characteristics and Price by the Hybrid MCDM Method. In: Sustainability 2018, 10(5), 1583; doi:10.3390/su10051583, ISSN: 2071-1050, Received: 16 April 2018 / Accepted: 14 May 2018 / Published: 15 May 2018.	2018	http://www.mdpi.com/2071-1050/10/5/1583/htm	1.789	2.79
C22-A6	Sashi Sonkar, Nirupama Mallick, An alternative strategy for enhancing lipid accumulation in chlorophycean microalgae for biodiesel production. Journal of Applied Phycology, Springer Netherlands, 2018, Print ISSN: 0921-8971, Online ISSN: 1573-5176.	2018	https://doi.org/10.1007/s10811-018-1419-0 , https://link.springer.com/article/10.1007/s10811-018-1419-0#citeas	2.616	3.62

C23-A6	Muhammad Aamir Bashir, Myat Thiri, Xiaoyi Yang, Yunan Yang, A.M. Safdar, Purification of biodiesel via pre-washing of transesterified waste oil to produce less contaminated wastewater. Journal of Cleaner Production, ISSN: 0959-6526, Available online 18 January 2018.	2018	https://doi.org/10.1016/j.jclepro.2018.01.126 , https://www.sciencedirect.com/science/article/pii/S0959652618301483	5.715	6.72
C24-A6	Antonyraj Matharasi Perianaika Anahas, Gangatharan Muralitharan, Characterization of heterocystous cyanobacterial strains for biodiesel production based on fatty acid content analysis and hydrocarbon production. Energy Conversion and Management, Volume 157, 1 February 2018, Pages 423-437, ISSN: 0196-8904.	2018	https://doi.org/10.1016/j.enconman.2017.12.012 , https://www.sciencedirect.com/science/article/pii/S0196890417311639	5.589	6.59
C25-A6	N. R. Reddy, A. A. Saleh, M. S. Islam, S. Hamdan, Md. Rezaur Rahman, and H. H. Masjuki, Experimental evaluation of fatty acid composition influence on Jatropha biodiesel physicochemical properties. Journal of Renewable and Sustainable Energy 10, 013103 (2018), ISSN 1941-7012.	2018	https://doi.org/10.1063/1.5018743 , http://aip.scitation.org/doi/abs/10.1063/1.5018743	1.135	2.14
C26-A6	Hoor Mazaheri, Hwai Chyuan Ong, H.H. Masjuki, Zeynab Amini, Mark D. Harrison, Chin-TsanWang, Fitranto Kusumo, Azham Alwi, Rice bran oil based biodiesel production using calcium oxide catalyst derived from Chicoreus brunneus shell. Energy, Volume 144, 1 February 2018, Pages 10-19, ISSN: 0360-5442.	2018	https://doi.org/10.1016/j.energy.2017.11.073 , http://www.sciencedirect.com/science/article/pii/S036054421731931X	4.520	5.52
C27-A6	Saliha Erenturk, Özlem Korkut, Effectiveness of activated mistalea (Viscum album L.) as a heterogeneous catalyst for biodiesel partial hydrogenation. Renewable Energy, Volume 117, March 2018, Pages 374-379, ISSN: 0960-1481.	2018	https://doi.org/10.1016/j.renene.2017.10.092 , http://www.sciencedirect.com/science/article/pii/S0960148117310601	4.900	5.90

C28-A6	Shahzadi, I., Sadaf, S., Iqbal, J., Ullah, I. and Bhatti, H. N. (2017), Evaluation of mustard oil for the synthesis of biodiesel: Pretreatment and optimization study. Environ. Prog. Sustainable Energy, Print ISSN: 1944-7442, Online ISSN: 1944-7450.	2017 doi:10.1002/ep.12833	1.672	2.67
C29-A6	Indika Thushari and Sandhya Babel, Biodiesel production from waste palm oil using palm empty fruit bunch derived novel carbon acid catalyst. Journal of Energy Resources Technology - Transactions of the ASME (the American Society of Mechanical Engineers Digital Collection), 2017, doi:10.1115/1.4038380, ISSN:0195-0738, eISSN:1528-8994.	2017 doi:10.1115/1.4038380 , http://energyresources.asmedigitalcollection.asme.org/article.aspx?articleid=2663018	1.674	2.67
C30-A6	Nuria Alburquerque, Roque Carlos García-Almodóvar, Juan Miguel Valverde, Lorenzo Burgos, Domingo Martínez-Romero, Characterization of Jatropha curcas accessions based in plant growth traits and oil quality. In: Industrial Crops and Products, Volume 109, 15 December 2017, Pages 693–698, ISSN: 0926-6690, Elsevier.	2017 https://doi.org/10.1016/j.indcrop.2017.09.019 , http://www.sciencedirect.com/science/article/pii/S0926669017306179	3.181	4.18
C31-A6	El-Sayed Salama, Byong-Hun Jeon, Soon Woong Chang, Sang-hun Lee, Hyun-Seog Roh, Il-Seung Yang, Mayur B. Kurade, Marwa M. El-Dalatony, Do-Hyeon Kim, Ki-Hyun Kim, Interactive effect of indole-3-acetic acid and diethyl aminoethyl hexanoate on the growth and fatty acid content of some microalgae for biodiesel production. Journal of Cleaner Production, Available online 6 September 2017, Volume 168, 1 December 2017, ISSN: 0959-6526.	2017 https://doi.org/10.1016/j.jclepro.2017.09.057 , http://www.sciencedirect.com/science/article/pii/S0959652617320462	5.715	6.72
C32-A6	Agus Wahyudi, Winarto Kurniawan, Hirofumi Hinode, Utilization of Modified Red Mud as a Heterogeneous Base Catalyst for Transesterification of Canola Oil. JOURNAL OF CHEMICAL ENGINEERING OF JAPAN, Vol. 50 (2017) No. 7 p. 561-567.	2017 http://doi.org/10.1252/jcej.16we337 , https://www.jstage.jst.go.jp/article/jcej/50/7/50_16we337/_article	0.609	1.61

C33-A6	Bharti, Randhir K, Dolly Wattal Dhar, Radha Prasanna & A.K. Saxena, Assessment of biomass and lipid productivity and biodiesel quality of an indigenous microalga <i>Chlorella sorokiniana</i> MIC-G5. International Journal of Green Energy, 2017, Print ISSN: 1543-5075, Online ISSN: 1543-5083.	http://www.tandfonline.com/doi/abs/10.1080/15435075.2017.1351368?journalCode=ljge20 , http://dx.doi.org/10.1080/15435075.2017.1351368	2017	1.454	2.45
C34-A6	Jared Church, Jae-Hoon Hwang, Keug-Tae Kim, Rebecca McLean, You-Kwan Oh, Bora Nam, Jin Chul Joo, Woo Hyoung Lee, Effect of salt type and concentration on the growth and lipid content of <i>Chlorella vulgaris</i> in synthetic saline wastewater for biofuel production. In: Bioresource Technology, Volume 243, November 2017, Pages 147–153, ISSN: 0960-8524 (Print), 1873-2976 (Electronic), Publisher: Elsevier Science.	https://doi.org/10.1016/j.biortech.2017.06.081 , http://www.sciencedirect.com/science/article/pii/S0960852417309859	2017	5.651	6.65
C35-A6	Samara Soares, Manoel J. de Aquino Lima, Fábio R.P. Rocha, A spot test for iodine value determination in biodiesel based on digital images exploiting a smartphone. Microchemical Journal, Available online 20 March 2017, ISSN: 0026-265X.	http://dx.doi.org/10.1016/j.microc.2017.03.029 , http://www.sciencedirect.com/science/article/pii/S0026265X176306051	2017	2.893	3.89
C36-A6	Shashi Kant Bhatia, Ravi Kant Bhatia, Yung-Hun Yang, An overview of microdiesel — A sustainable future source of renewable energy. Renewable and Sustainable Energy Reviews, Volume 79, November 2017, Pages 1078-1090, ISSN: 1364-0321.	https://doi.org/10.1016/j.rser.2017.05.138 , http://www.sciencedirect.com/science/article/pii/S13640321177307827	2017	8.050	9.05
C37-A6	Jun Cong Ge, Sam Ki Yoon and Nag Jung Choi, Using Canola Oil Biodiesel as an Alternative Fuel in Diesel Engines: A Review. Applied Sciences 2017, 7(9), 881; doi:10.3390/app7090881, ISSN 2076-3417, WOS.	http://www.mdpi.com/2076-3417/7/9/881/htm , WOS - http://apps.webofknowledge.com.am.e-nformation.ro/	2017	1.689	2.69

C38-A6	Gorica R. Ivaniš, Ivona R. Radović, Vlada B. Veljković, Mirjana Lj. Kijevčanin, Thermodynamic properties of biodiesel and petro-diesel blends at high pressures and temperatures. Experimental and modeling. Fuel, Volume 184, 15 November 2016, Pages 277–288, ISSN: 0016-2361.	doi: 10.1016/j.fuel.2016.07.023, http://www.sciencedirect.com/science/article/pii/S0016236116306184	2016 6306184	3.520	4.52
C39-A6	I. Shancita, H. H. Masjuki, Md. Abul Kalam, S.S. Reham, and S.A. Shahir, Comparative Analysis on Property Improvement Using Fourier Transform Infrared Spectroscopy (FT-IR) and Nuclear Magnetic Resonance (NMR) (1H and 13C) Spectra of Various Biodiesel Blended Fuels. Energy & Fuels, 2016, 30 (6), pp 4790–4805, Print ISSN: 0887-0624, Web ISSN: 1520-5029, Publication Date (Web): May 10, 2016 DOI: 10.1021/acs.energyfuels.5b02559.	DOI:10.1021/acs.energyfuels.5b02559, http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.5b02559	2016 1021/acs.energyfuels.5b02559	2.790	3.79
C40-A6	Y. Syamsuddin, M.N. Murat, B.H. Hameed, Synthesis of fatty acid methyl ester from the transesterification of high-and low-acid-content crude palm oil (<i>Elaeis guineensis</i>) and karanj oil (<i>Pongamia pinnata</i>) over a calcium-lanthanum-aluminum mixed-oxides catalyst. In: Bioresource Technology (BIORESOURCETECHNOL), ISSN: 0960-8524 (Print), 1873-2976 (Electronic), Publisher: Elsevier Science, Available online 19 April 2016, doi:10.1016/j.biortech.2016.04.083.	doi:10.1016/j.biortech.2016.04.083, http://www.sciencedirect.com/science/article/pii/S0960852416305703	2016 6305703	4.494	5.49
C41-A6	Pirapan Polburee, Wichien Yongmanitchai, Kohsuke Honda, Takao Ohashi, Toshiomi Yoshida, Kazuhito Fujiyama, Savitree Limtong, Lipid production from biodiesel-derived crude glycerol by <i>Rhodospiridium fluviale</i> DMKU-RK253 using temperature shift with high cell density. Biochemical Engineering Journal, Volume 112, 15 August 2016, Pages 208–218, ISSN: 1369-703X, doi:10.1016/j.bej.2016.04.024.	doi: 10.1016/j.bej.2016.04.024, http://www.sciencedirect.com/science/article/pii/S1369703X1630122X	2016 630122X	2.467	3.47

C42-A6	Xianhui Zhao, Lin Wei & James Julson, Effects of Cold Press Operating Conditions on Vegetable Oil Fatty Acid Profiles. In: International Journal of Green Energy (Int J Green Energy), ISSN: 1543-5075 (Print), 1543-5083 (Online), Taylor & Francis Group, Accepted author version posted online: 06 Apr 2016.	DOI:10.1080/15435075.2016.1171226, http://www.tandfonline.com/doi/abs/10.1080/15435075.2016.1171226	2016	1.215	2.22
C43-A6	Wuang Shy Chyi, Luo Yanpei Darren, Wang Simai, Chua Pei Qiang Danny, Tee Pok Siang, Performance assessment of biofuel production in an algae-based remediation system. In: Journal of Biotechnology, Volume 221, 10 March 2016, Pages 43–48, ISSN: 0168-1656, doi:10.1016/j.jbiotec.2016.01.024.	doi:10.1016/j.jbiotec.2016.01.024, http://www.sciencedirect.com/science/article/pii/S0168165616300268	2016	2.871	3.87
C44-A6	Samuel E. Onoji, Sunny E. Iyuke, Anselm I. Igbafe, Diakanua B. Nkazi, Rubber seed oil: A potential renewable source of biodiesel for sustainable development in sub-Saharan Africa. In: Energy Conversion and Management, Volume 110, 15 February 2016, Pages 125–134, ISSN: 0196-8904.	doi:10.1016/j.enconman.2015.12.002, http://www.sciencedirect.com/science/article/pii/S0196890416010900	2016	4.380	5.38
C45-A6	Gorica R. Ivaniš, Ivona R. Radović, Vlada B. Veljković, Mirjana Lj. Kijevčanin, Biodiesel density and derived thermodynamic properties at high pressures and moderate temperatures. Fuel, Volume 165, 1 February 2016, Pages 244–251, ISSN: 0016-2361.	doi:10.1016/j.fuel.2015.10.050, http://www.sciencedirect.com/science/article/pii/S0016236116050558	2016	3.520	4.52
C46-A6	Shancita, I; Masjuki, HH; Kalam, MA; Reham, SS; Ruhul, AM; Monirul, IM, Evaluation of the characteristics of non-oxidative biodiesels: a FAME composition, thermogravimetric and IR analysis. RSC Advances, ISSN: eISSN: 2046-2069, Volume: 6, Issue: 10, Pages: 8198-8210.	DOI: 10.1039/c5ra23963j, https://pubs.rsc.org/en/content/articlelanding/2016/ra/c5ra23963j#ldivAbstract	2016	3.108	4.11

C47-A6	Eryilmaz, T; Yesilyurt, MK, INVESTIGATION OF THE EFFECT OF BLENDING RATIO AND TEMPERATURE ON THE KINEMATIC VISCOSITY AND SPECIFIC GRAVITY OF WASTE COOKING OIL BIODIESEL. FRESenius ENVIRONMENTAL BULLETIN, Volume: 24, Issue: 4B, Pages: 1523-1529, ISSN: 1018-4619, eISSN: 1610-2304.	2015	https://www.cabdirect.org/cabdirect/abstract/20153217458 , http://apps.webofknowledge.com.am.e-nformation.ro/	0.372	1.37
C48-A6	Gaik Tin Ang, San Nee Ooi, Kok Tat Tan, Keat Teong Lee, Abdul Rahman Mohamed, Optimization and kinetic studies of sea mango (Cerbera odollam) oil for biodiesel production via supercritical reaction. In: Energy Conversion and Management, Volume 99, 15 July 2015, Pages 242–251, ISSN: 0196-8904.	2015	doi:10.1016/j.enconman.2015.04.037, http://www.sciencedirect.com/science/article/pii/S019689041500391X	3.590	4.59
C49-A6	Ruby Valdez-Ojeda, Muriel González-Muñoz, Roberto Us-Vázquez, José Narváez-Zapata, Juan Carlos Chavarria-Hernandez, Silvia López-Adrián, Felipe Barahona-Pérez, Tanit Toledano-Thompson, Gloria Garduño-Solórzano, Rosa María Escobedo-Gracia Medrano, Characterization of five fresh water microalgae with potential for biodiesel production. In: Algal Research, Volume 7, January 2015, Pages 33–44, ISSN: 2211-9264.	2015	doi: 10.1016/j.algal.2014.11.009, http://www.sciencedirect.com/science/article/pii/S2211926414001301	4.095	5.10
C50-A6	Mohankumar Chinnamma, Salini Bhasker, Harish Madhav, Rajesh Mamkulathil Devasia, Anisha Shashidharan, Balachandran Chandrasekaran Pillai, Pradeep Thevanloor, Production of coconut methyl ester (CME) and glycerol from coconut (Cocos nucifera) oil and the functional feasibility of CME as biofuel in diesel engine. Fuel, Volume 140, 15 January 2015, Pages 4–9, ISSN: 0016-2361, (Available online 29 September 2014).	2015	DOI: 10.1016/j.fuel.2014.09.057, http://www.sciencedirect.com/science/article/pii/S0016236114009260	3.406	4.41
C51-A6	C.I. Rocabrúno-Valdés, L.F. Ramírez-Verduzco, J.A. Hernández, Artificial neural network models to predict density, dynamic viscosity, and cetane number of biodiesel. Fuel, Volume 147, Available online 22 January 2015, ISSN: 0016-2361.	2015	http://www.sciencedirect.com/science/article/pii/S0016236115000381 , doi:10.1016/j.fuel.2015.01.024	3.406	4.41

C52-A6	Zeng, Dan; Li, Ruosong; Feng, Mingjun; Fang, Tao, Continuous Esterification of Free Fatty Acids in Crude Biodiesel by an Integrated Process of Supercritical Methanol and Sodium Methoxide Catalyst. In: Applied Biochemistry and Biotechnology, October 2014, Volume 174, Issue 4, pp 1484-1495, ISSN: 0273-2289, E-ISSN: 1559-0291, Publisher Springer US.	http://dx.doi.org/10.1007/s12010-014-1133-6 , http://link.springer.com.ux4l8xu6v.useaccesscontrol.com/article/10.1007%2Fs12010-014-1133-6 , http://www.ncbi.nlm.nih.gov/pubmed/25119550 , http://search.proquest.com.ux4l8xu6v.useaccesscontrol.com/pqcentral/docview/156610678/5E8BF0AB7AA6CB7PQ/30?accountid=15533	2014	1.687	2.69
C53-A6	MA Islam, M Magnusson, RJ Brown, GA Ayoko, MN Nabi and K Heimann. Microalgal Species Selection for Biodiesel Production Based on Fuel Properties Derived from Fatty Acid Profiles. Energies 2013, 6(11), 5676-5702, ISSN 1996-1073, doi:10.3390/en6115676.	doi:10.3390/en6115676 , http://www.mdpi.com/1996-1073/6/11/5676	2013	1.602	2.60
C54-A6	Fabio G. Zanin, Alexandra Macedo, Marcos Vinicios L.R. Archilha, Edison P. Wendler, Alcindo A. Dos Santos, A one-pot glycerol-based additive-blended ethyl biodiesel production: A green process. In: Bioresource Technology, Volume 143, September 2013, Pages 126–130, ISSN: 0960-8524, doi:10.1016/j.biortech.2013.05.106.	doi:10.1016/j.biortech.2013.05.106 , http://www.sciencedirect.com/science/article/pii/S0960852413008742	2013	5.039	6.04
C55-A6	Nor Saadah Mohd Alias; Harumi Veny; Fazlena Hamzah; Noorhaliza Aziz, (2019), Effect of Free Fatty Acid Pretreatment to Yield, Composition and Activation Energy in Chemical Synthesis of Fatty Acid Methyl Ester. Indonesian Journal of Chemistry, Volume: 19, Issue: 3, Pages: 592-598, ISSN 1411-9420 (print) / 2460-1578 (online).	https://doi.org/10.22146/ijc.34492 , https://journal.ugm.ac.id/ijc/article/view/34492 , http://apps.webofknowledge.com.am.e-nformation.ro/	2019		1.00

C56-A6	M Muhaemin, A M Kramadibrata, S Nurjannah, I Makarim, M Saukat, T Herwanto, D Prijatna, Handarto, S Rosalinda, E Mardawati and W H Natawigena, Performance Test of a Diesel Engine with Biodiesel from Kemiri Sunan (Rutealis sperma.). IOP Conference Series: Earth and Environmental Science, 355(1),012113.	2019	https://iopscience-iop-org.am.e-nformation.ro/article/10.1088/1755-1315/355/1/012113, https://www-scopus-com.am.e-nformation.ro/ https://doi.org/10.1063/1.5098186, https://aip.scitation.org/doi/abs/10.1063/1.5098186, http://apps.webofknowledge.com.am.e-nformation.ro/, https://www-scopus-com.am.e-nformation.ro/.	1.00
C57-A6	Dwi Ardiana Setyawardhani, Hary Sulisty, Wahyudi Budi Sediawan, and Mohammad Fahrurrozi, Kinetic and equilibrium studies of stearic acid adsorption in urea complexation, AIP Conference Proceedings 2097, 030011 (2019).	2019	http://apps.webofknowledge.com.am.e-nformation.ro/, https://www-scopus-com.am.e-nformation.ro/.	1.00
C58-A6	Nezihe Ayas, Tuba Elcin Cetin, Senay Ongoren, Zeynep Dincer, Biodiesel production from olive pomace. International Journal of Smart Grid and Clean Energy, 8(3), pp. 320-324, doi: 10.12720/sgce.8.3.320-324.	2019	http://www.ijsgce.com/uploadfile/2019/0403/20190403032106714.pdf, https://www-scopus-com.am.e-nformation.ro https://doi.org/10.1016/j.sciaf.2019.e00217, https://www.sciencedirect.com/science/article/pii/S2468227619307781, https://www-scopus-com.am.e-nformation.ro	1.00
C59-A6	Ezekoye Veronica, Adinde Rita, Ezekoye David, Offormata Anthony, SYNTHESIS AND CHARACTERIZATION OF BIODIESEL FROM CITRUS SINENSIS SEED OIL. In: Scientific African, ISSN: 2468-2276, Volume 6, November 2019, Article number e00217, Available online 4 November.	2019	https://www-scopus-com.am.e-nformation.ro	1.00
C60-A6	B M Jurchiş, N Burnete, N V Burnete and C D Iclodean, Particulate matter emission characteristics for a compression ignition engine fueled with a blend of biodiesel and diesel. IOP Conference Series: Materials Science and Engineering, Volume 444, Automotives. Engine and Transmission. Road Safety, 2018, The 8th International Conference on Advanced Concepts in Mechanical Engineering, 7–8 June 2018, Iasi, Romania, Published online: 29 November 2018.	2018	http://iopscience.iop.org/article/10.1088/1757-899X/444/7/072012/meta, http://apps.webofknowledge.com.am.e-nformation.ro/	1.00

C61-A6	Devita Rachmat, Lizda Johar Mawarani and Doty Dewi Risanti, Utilization of Cacao Pod Husk (<i>Theobroma cacao</i> L.) as Activated Carbon and Catalyst in Biodiesel Production Process from Waste Cooking Oil. IOP Conference Series: Materials Science and Engineering, Volume 299, conference 1, 2018, WOS.	2018	http://iopscience.iop.org/article/10.1088/1757-899X/299/1/012093/meta , http://apps.webofknowledge.com.am.e-nformation.ro/	1.00
C62-A6	Simone P. Souza, Joaquim E. A. Seabra & Luiz A. Horta Nogueira, Feedstocks for biodiesel production: Brazilian and global perspectives. In: Biofuels, Print ISSN: 1759-7269 Online ISSN: 1759-7277, Taylor & Francis, Pages 1-24, Published online: 31 Jan 2017.	2017	http://dx.doi.org/10.1080/17597269.2017.1278931 , http://www.tandfonline.com/doi/abs/10.1080/17597269.2017.1278931 , WOS - http://apps.webofknowledge.com.am.e-nformation.ro/	1.00
C63-A6	Eshetu Getahun, Kefale Wagaw, and Omprakash Sahu, A Comparative Study on the Cleaner Production Options for Fishery Wastes around Lake Tana. International Letters of Natural Sciences, ISSN: 2300-9675, Vol. 56, pp 14-24, doi:10.18052/www.scipress.com/ILNS.56.14, © 2016 SciPress Ltd., Switzerland.	2016	doi:10.18052/www.scipress.com/ILNS.56.14 , https://www.scipress.com/ILNS.56.14 , http://apps.webofknowledge.com.am.e-nformation.ro/	1.00
C64-A6	Swapan Kumar Sinha, Arghyadeep Gupta & Raju Bharalee, Production of biodiesel from freshwater microalgae and evaluation of fuel properties based on fatty acid methyl ester profile. Biofuels, Taylor & Francis, Volume 7, Issue 1, 2016, pages 105-121, ISSN 1759-7269 (Print), 1759-7277 (Online), DOI: 10.1080/17597269.2015.1118781, SCOPUS, WOS.	2016	http://www.tandfonline.com/doi/abs/10.1080/17597269.2015.1118781 , http://apps.webofknowledge.com.am.e-nformation.ro/	1.00

A7	<p>Barabás, I.; Todoruț, I.-A. (2011). Utilization of Biodiesel-Diesel-Ethanol Blends in CI Engine. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/27137, Chapter 14, pp. 215-234, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/utilization-of-biodiesel-diesel-ethanol-blends-in-ci-engine; http://apps.webofknowledge.com - Web of Science Core Collection – WOS:000385799400015.</p>	<p>Meisam Ahmadi Ghadikolaei, Long Wei, Chun Shun Cheung, Ka-Fu Yung, Zhi Ning, Particulate emission and physical properties of particulate matter emitted from a diesel engine fueled with ternary fuel (diesel-biodiesel-ethanol) in blended and fumigation modes. Fuel, Available online 22 November 2019, 116665.</p>	<p>https://doi.org/10.1016/j.fuel.2019.116665, https://www.sciencedirect.com/science/article/pii/S0016236119320198</p>	2019	19320198	5.128 6.13
C2-A7		<p>M.N.A. Mukhtar, Ftwi Y. Hagos, M.M. Noor, Rizalman Mamat, A. Adam Abdullah, Abd Rashid Abd Aziz, Tri-fuel emulsion with secondary atomization attributes for greener diesel engine – A critical review. In: Renewable and Sustainable Energy Reviews, Volume 111, September 2019, Pages 490-506, ISSN: 1364-0321.</p>	<p>https://doi.org/10.1016/j.rser.2019.05.035, https://www.sciencedirect.com/science/article/pii/S136403211930348X</p>	2019	1930348X	10.556 11.56
C3-A7		<p>Meisam Ahmadi Ghadikolaei, Chun Shun Cheung, Ka-Fu Yung, Study of combustion, performance and emissions of a diesel engine fueled with ternary fuel in blended and fumigation modes. In: Fuel, Volume 235, 1 January 2019, Pages 288-300, ISSN: 0016-2361.</p>	<p>https://doi.org/10.1016/j.fuel.2018.07.089, https://www.sciencedirect.com/science/article/pii/S0016236119312882</p>	2019	18312882	5.128 6.13
C4-A7		<p>Sachin Muralee Krishna, P. Abdul Salam, Manida Tongroon, Nuwong Chollacoop, Performance and emission assessment of optimally blended biodiesel-diesel-ethanol in diesel engine generator. In: Applied Thermal Engineering, Volume 155, 5 June 2019, Pages 525-533, ISSN: 1359-4311.</p>	<p>https://doi.org/10.1016/j.applthermaleng.2019.04.012, https://www.sciencedirect.com/science/article/pii/S1359431119358563</p>	2019	18358563	4.026 5.03

C5-A7	<p>Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Experimental assessment of some key physicochemical properties of diesel-biodiesel-ethanol (DBE) blends for use in compression ignition engines. Fuel, Volume 248, 15 July 2019, Pages 241-253, ISSN: 0016-2361.</p>	<p>https://doi.org/10.1016/j.fuel.2019.03.087, https://www.sciencedirect.com/science/article/pii/S0016236119304600</p>	2019	19304600	5.128	6.13
C6-A7	<p>Mustafa Kaan Baltacioglu; Raif Kenanoglu; Kadir Aydın, HHO enrichment of bio-diesohol fuel blends in a single cylinder diesel engine. International Journal of Hydrogen Energy, ISSN: 0360-3199, Available online 1 March 2019.</p>	<p>https://doi.org/10.1016/j.ijhydene.2019.02.060, https://www.sciencedirect.com/science/article/pii/S0360319919306445</p>	2019	19306445	4.084	5.08
C7-A7	<p>Máté Zöldy, Improving Heavy Duty Vehicles Fuel Consumption with Density and Friction Modifier. International Journal of Automotive Technology, October 2019, Volume 20, Issue 5, pp 971–978, Print ISSN: 1229-9138, Online ISSN: 1976-3832.</p>	<p>https://doi.org/10.1007/s12239-019-0091-y, https://link.springer.com/article/10.1007/s12239-019-0091-y</p>	2019		1.523	2.52
C8-A7	<p>Dewen Jia, Xiwen Deng & Jilin Lei, (2019), Analysis on the impact of biodiesel–ethanol–diesel fuel on the performance and emissions of a diesel engine. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis, Print ISSN: 1556-7036, Online ISSN: 1556-7230, Published online: 04 Mar 2019.</p>	<p>https://doi.org/10.1080/15567036.2019.1583694, https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1583694</p>	2019	9.1583694	0.894	1.89
C9-A7	<p>Felipe Fernandes Klajn, Flávio Gurgacz, Anderson Miguel Lenz, Giuseppe Eugenio Peruzo Iacono, Samuel Nelson Melegari de Souza & Yuri Ferruzzi, Comparison of the emissions and performance of ethanol-added diesel–biodiesel blends in a compression ignition engine with those of pure diesel. In: Journal Environmental Technology, Print ISSN: 0959-3330 Online ISSN: 1479-487X, Taylor & Francis, Published online: 01 Aug 2018.</p>	<p>https://doi.org/10.1080/09593330.2018.1504122, https://www.tandfonline.com/doi/abs/10.1080/09593330.2018.1504122</p>	2018	8.1504122	1.666	2.67

C10-A7	Andrew David Mendes Guedes, Sergio Leal Braga, Florian Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Part 2: Optimization of injection timing. In: Fuel, Volume 225, 1 August 2018, Pages 174–183, ISSN: 0016-2361.	https://doi.org/10.1016/j.fuel.2018.02.120 , https://www.sciencedirect.com/science/article/pii/S001623611830303X	2018	4.908	5.91
C11-A7	Sattar Jabbar Murad Algayyim, Andrew P. Wandel, Talal Yusaf, Ihsan Hamawand, Production and application of ABE as a biofuel. Renewable and Sustainable Energy Reviews, Volume 82, Part 1, February 2018, Pages 1195-1214, ISSN: 1364-0321.	https://doi.org/10.1016/j.rser.2017.09.082 , https://www.sciencedirect.com/science/article/pii/S1364032117313333	2018	9.184	10.18
C12-A7	S. Dharma, Hwai Chyuan Ong, H.H. Masjuki, A.H. Sebayang, A.S. Silitonga, An overview of engine durability and compatibility using biodiesel–bioethanol–diesel blends in compression-ignition engines. In: Energy Conversion and Management, Volume 128, 15 November 2016, Pages 66–81, ISSN: 0196-8904.	http://dx.doi.org/10.1016/j.enconman.2016.08.072 , http://www.sciencedirect.com/science/article/pii/S0196890416307464	2016	4.801	5.80
C13-A7	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, A.M. Ashraful, Performance and emission assessment of diesel–biodiesel–ethanol/bioethanol blend as a fuel in diesel engines: A review. In: Renewable and Sustainable Energy Reviews, Volume 48, August 2015, Pages 62–78, ISSN: 1364-0321.	http://www.sciencedirect.com/science/article/pii/S1364032115002026# , doi:10.1016/j.rser.2015.03.049	2015	5.510	6.51
C14-A7	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321.	http://dx.doi.org/10.1016/j.rser.2014.01.029 , http://www.sciencedirect.com/science/article/pii/S1364032114000409	2014	5.510	6.51

A8	<p>Cordoş, N.; Todoruţ, A.; Barabás, I. (2013). Exhaust Emissions of a Medium Power Diesel Engine Operated with Biodiesel. În: Advanced Engineering Forum, Vols. 8-9 (2013), pp. 93-102, doi:10.4028/www.scientific.net/AEF.8-9.93, Trans Tech Publications, Switzerland, ISSN 2234-991X, http://www.ttp.net/2234-9898.html, http://www.scientific.net/AEF.8-9.93, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000323184000012.</p>	<p>Egle Sendzikiene, Alfredas Rimkus, Mindaugas Melaika, Violeta Makareviciene, Saugirdas Pukalskas, Impact of biomethane gas on energy and emission characteristics of a spark ignition engine fuelled with a stoichiometric mixture at various ignition advance angles. În: Fuel, Volume 162, 15 December 2015, Pages 194–201, ISSN: 0016-2361, doi:10.1016/j.fuel.2015.09.019.</p>	<p>http://www.sciencedirect.com/science/article/pii/S0016236115009096, doi:10.1016/j.fuel.2015.09.019</p>	2015	3.406	4.41
A9	<p>Barabás, I.; Todoruţ, A.; Cordoş, N. (2016). An artificial neural network approach to estimate the viscosity of biodiesel-diesel-ethanol blends. Cluj-Napoca, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 59, Issue III, September, 2016, pg. 245-250, Editura U.T.PRESS, ISSN 1221-5872, http://atnamam.utcluj.ro/index.php/Acta/article/view/784, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000387967500002.</p>	<p>Iordan, AE (Iordan, Anca-Elena); Covaciu, F (Covaciu, Florin), Efficient Method To Solve The Guarini Puzzle Generalization Using Bipartite Graphs. Cluj-Napoca, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 62, Issue I, MAR 2019, pg. 157-162, Editura U.T.PRESS, ISSN 1221-5872, http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1221-5872.</p>	<p>https://atnamam.utcluj.ro/index.php/Acta/article/view/1157, http://apps.webofknowledge.com</p>	2019	om	1.00

<p>Barabás, I.; Todoruț, A.; Cordoș, N. (2017). Estimation of Boiling Points of Brake Fluids. Springer 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_24, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 209-216, http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24, http://apps.webofknowledge.com - Web of Science Core Collection -</p> <p>A10 WOS:000390821400024.</p>	<p>Kuranc, A.; Zajac, G.; Szyszlak-Barglowicz, J.; Slowik, T.; Vrabel, J.; Sarkan, B.; Caban, J.; Makarski, P., Boiling point of the brake fluid based on alkyl ethers of alkylene glycols in vehicles being in use. PRZEMYSŁ CHEMICZNY, Volume: 97, Issue: 12, ISSN: 0033-2496, Pages: 2102-2105, DOI: 10.15199/62.2018.12.17, WOS:000460494200021, Published: DEC 2018.</p>	<p>http://www.sigma-not.pl/publikacja-117893-.html, http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-f093e03a-008a-4aed-9dba-e0d1263885dd</p>	<p>2018 0.399 1.40</p>
<p>I Barabás, A Todoruț, N Cordoș, A Molea (2017). Current challenges in autonomous driving. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012096, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ștefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012096, http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta;jsessionid=EAD0BD9FCE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org, http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection – WOS.</p> <p>A11</p>	<p>Patrice D. Tremoulet, Thomas Seacrist, Chelsea Ward McIntosh, Helen Loeb, Anna DiPietro, Sophia Tushak, Transporting Children in Autonomous Vehicles: An Exploratory Study. Human Factors: The Journal of the Human Factors and Ergonomics Society, First Published July 3, 2019, ISSN: 0018-7208, Online ISSN: 1547-8181.</p>	<p>https://doi.org/10.1177/0018720819853993, https://journals.sagepub.com/doi/abs/10.1177/0018720819853993</p>	<p>2019 2.649 3.65</p>

C2-A11	<p>Shokoufeh Monjezi Kouchak, Ashraf Gaffar, Estimating the Driver Status Using Long Short Term Memory. In: Holzinger A., Kieseberg P., Tjoa A., Weippl E. (eds) Machine Learning and Knowledge Extraction. CD-MAKE 2019. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 11713, pp 67-77. Springer, Cham.</p>	<p>https://link.springer.com/chapter/10.1007/978-3-030-29726-8_5, https://www.scopus-com.am.e-nformation.ro/</p>	1.00
C3-A11	<p>Marialena Vagia and Ørnulf Jan Rødseth, A taxonomy for autonomous vehicles for different transportation modes. Journal of Physics: Conference Series 1357(1),012022, ISSN: 1742-6588, E-ISSN: 1742-6596.</p>	<p>https://iopscience.iop.org/article/10.1088/1742-6596/1357/1/012022/meta, https://www.scopus-com.am.e-nformation.ro/</p>	1.00
A12	<p>Cordoş, N.; Todoruţ, A. (2019). Influences of the Suspensions Characteristics on the Vehicle Stability. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 808-813. AMMA 2018. Proceedings in Automotive Engineering. Springer 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_94, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, https://link.springer.com/chapter/10.1007/978-3-319-94409-8_94, https://www.springer.com/us/book/9783319944081.</p> <p>BĂLCĂU, Monica; CRISTEA, Aurora-Felicia. THEORETICAL CONSIDERATIONS REGARDING THE DYNAMIC ABSORBER. ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Volume: 62, Issue: 3, Pages: 417-422, Published: SEP 2019, ISSN 1221-5872.</p>	<p>https://atnamam.utcluj.ro/index.php/Acta/article/view/1221, http://apps.webofknowledge.com.am.e-nformation.ro/</p>	1.00

<p>Todoruț, A.; Cordoș, N. (2019). Evaluation of the Vehicle Sideslip Angle According to Different Road Conditions. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 814-819. AMMA 2018. Proceedings in Automotive Engineering. Springer 2019, DOI:https://doi.org/10.1007/978-3-319-94409-8_95, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, https://link.springer.com/chapter/10.1007/978-3-319-94409-8_95, https://www.springer.com/us/book/9783319944081.</p>	<p>BĂLCĂU, Monica; CRISTEA, Aurora-Felicia. THEORETICAL CONSIDERATIONS REGARDING THE DYNAMIC ABSORBER. ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Volume: 62, Issue: 3, Pages: 417-422, Published: SEP 2019, ISSN 1221-5872.</p>	<p>2019 https://atnamam.utcluj.ro/index.php/Acta/article/view/1221, http://apps.webofknowledge.com.am.e-nformation.ro/ 1.00</p>
<p>Total</p>		<p>924.40</p>