

Fișă de verificare îndeplinire standarde minimale conform Ordinului 6129 / 2016

Candidat abilitare: Conf.dr.ing. Bogdan Mocan
Domeniu: INGINERIE INDUSTRIALĂ

Nr.crt.	Criteriu	Indicatori	Conditii profesor/ Abilitare	Realizat
1	Criteriul A1	Activitatea didactică / profesională (A1)	130	194.52
2	Criteriul A2	Activitatea de cercetare (A2)	300	557.48
3	Criteriul A3	Recunoașterea impactului activității (A3)	100	328.85
4	Total	Punctaj total (A1+A2+A3)	530	1080.86

Data:
01/02/2022

Candidat abilitare:
Conf.dr.ing. Bogdan Mocan

Activitatea didactică și profesională (A1)

Nr.crt	Tipul activităților	Categoriile și restricții	Subcategoriile / Indicatori unitari (kpi)	Descriere	Nr. de pagini sau alți indicatori	Nr. autori sau nr. editori	Punctaj realizat
1	Cărți/manuale/monografii/capitole în cărți de specialitate	1.1.1 Cărți/manuale/monografii/capitole de specialitate ca autor Profesor minim 2 prim autor; Conferentiar minim 1 prim autor;	1111.internaționale (Formula: nr. pagini/(5*nr. autori)	Steopan M., Mocan B., Florin P., Bucur M., Ispas V. (2021) Design and Development of a Robotic Hexapod Platform for Educational Purposes. In: Lovasz EC., Maniu I., Doroftei I., Ivanescu M., Gruescu CM. (eds) New Advances in Mechanisms, Mechanical Transmissions and Robotics. MTM&Robotics 2020. Mechanisms and Machine Science, vol 88. Springer, Cham. https://doi.org/10.1007/978-3-030-60076-1_9 Print ISBN 978-3-030-60075-4; Online ISBN 978-3-030-60076-1; pp. 91-103.	12	5	0.48
				Mocan B., Fulea M., Murar M., Steopan M., Mocan M. (2021) Automatic Arterial Puncture Sensorial Device for Fast Arterial Blood Gas Sampling from Radial Artery During Covid-19 Pandemic. In: Lovasz EC., Maniu I., Doroftei I., Ivanescu M., Gruescu CM. (eds) New Advances in Mechanisms, Mechanical Transmissions and Robotics. MTM&Robotics 2020. Mechanisms and Machine Science, vol 88 Springer, Cham. https://doi.org/10.1007/978-3-030-60076-1_48 Print ISBN 978-3-030-55060-8; Online ISBN 978-3-030-55061-5; pp. 533-542.	9	5	0.36
				Patcas R., Mocan B., Fulea M., Murar M., Steopan M. (2020) Design and Development of a Mobile Robot Equipped with Perception Systems for Autonomous Navigation. In: Pisla D., Corves B., Vaida C. (eds) New Trends in Mechanism and Machine Science. EuCoMeS 2020. Mechanisms and Machine Science, vol 89. Springer, Cham. https://doi.org/10.1007/978-3-030-55061-5_10 Print ISBN 978-3-030-60075-4; Online ISBN 978-3-030-60076-1; pp. 78-85.	7	5	0.28
			1112.naționale (ed. recunoscute); (Formula: nr. pagini/(10*nr. autori)	(2006) Brad, S., Ciupan, C., Pop, L., Mocan, B., Fulea, M., Manualul de Bază al Managerului de Produs în Ingineria și Managementul Inovației, Ed. Economică, 700 pg., ISBN 973-709-265-1 / 978-973-709-265-6, București, 2006.	700	5	14.00
			(2015) Mocan, B., Brad, S., Fulea, M., Automatizarea și Robotizarea Fabricației Structurilor Sodate, Editura UTPress, ISBN 978-606-737-052-2, 290 pg., Cluj-Napoca	290	3	9.67	
			(2015) Fulea, M., Brad, S., Mocan, B., Murar, M., Ingineria Dezvoltării Competitive a Produselor și Serviciilor Inovative, Editura UT Press, ISBN 978-606-737-066-9, 52 pg., Cluj-Napoca	52	4	1.30	
			(2015) Brad, S., Brad, E., Mocan, B., Fulea, M., Tools and Methods of Competitive Design in Robotics, Editura UT Press, ISBN 978-606-737-067-6, 183 pg., Cluj-Napoca	183	4	4.58	

			(2015) Fulea, M., Brad, S., Mocan, B., Evaluarea excelentei organizationale, Editura UTPress, ISBN 978-606-737-065-2, 174 pg., Cluj-Napoca	174	3	5.80	
			(2013) Mocan, B., Sisteme Robotizate de Sudare cu Arc Electric – Proiectarea orientată și îmbunătățirea performanțelor sistemelor robotizate de sudare cu arc electric, Editura UT Press, ISBN 978-973-662-881-8, 308 pg., Cluj-Napoca, 2013.	308	1	30.80	
			(2013) Blebea, I., Mocan, B., Steopan A., Fiabilitatea, Mentenabilitatea și Siguranța Sistemelor de Producție, Editura UT Press, ISBN 978-973-662-842-9, 292 pg., Cluj-Napoca, 2013.	292	3	9.73	
		Îndeplinire standard minimal	Număr de cărți/manuale/ monografii/capitole de specialitate	Profesor minim 2 prim autor	–	–	3
		1.1.2.Cărți ca editor	1121.internaționale (Formula: nr. pagini/(10*nr. editori)		0	0	
			1122.naționale (Formula: nr. pagini/(20*nr. editori)		0	0	
			(Formula: nr. pagini/(20*nr. autori)		0	0	
2	1.2.Alte materiale didactice - inclusiv în format electronic (pentru format electronic - echivalent format A4 text fără figuri cu minimum 3200 caractere inclusiv spații)	1.2.1. Suporturi de curs/Îndrumare Profesor: Minimum 4, din care 2 prim autor Conferențiar: Minimum 2, din care 1 prim autor	(2008) Brad, S., Mocan, B.; Duca, A., Brad, E., Robotizarea Asistată de Calculator a Fabricației. Fundamentele Utilizării Mediului Workspace de Simulare și Programare Off-Line a Sistemelor de Fabricație Robotizate, Editura UT Press, ISBN 978-973-662-361-5, 213 pg., Cluj-Napoca, 2008.	213	4	2.66	
			(2005) Brad, S., Brad, E., Mocan, B., Basic Tools of Competitive Design in Robotics – Student Guide for Practical Application, Editura UT Pres, ISBN 973-662-161-8, 112 pg., Cluj-Napoca, 2005.	112	3	1.87	
			(2017) Mocan, B., Timoftei, S., Stan, A., Fulea, M., RobotStudio® - Simulation of industrial automation processes and offline programming of ABBs robots - Practical guide for students - Editura UTPress, ISBN 978-606-737-254-0, 140 pg., Cluj-Napoca, 2017.	140	4	1.75	
			(2018) Mocan, B., Brad, S., Fulea, M., Murar, M., Stan, A., Timoftei, S., Multidisciplinary Design of Industrial Robotic Automation Solutions - Practical Guide For Students - Editura UTPress, ISBN 978-606-737-246-5, 240 pg., Cluj-Napoca, 2018.	240	6	2.00	
			Mocan, B., Suport curs "Automatizarea si Robotizarea fabricatiei structurilor sudate" - https://sites.google.com/view/clujrobotics/robotics-courses/automatizarea-si-robotizarea-fabricatiei-structurilor-sudate?authuser=0	110	1	5.50	
			Mocan, B., Suport curs "Fiabilitatea, mentenanta si siguranta in exploatare a sistemelor robotizate industriale" - https://sites.google.com/view/clujrobotics/robotics-courses/reliability-maintenance-and-safety-of-industrial-robotic-systems?authuser=0	150	1	7.50	

				Mocan, B., Suport curs "Robotizarea fabricatiei I" - https://sites.google.com/view/clujrobotics/robotics-courses/robotization-manufacturing-i-rf_i?authuser=0	165	1	8.25
				Mocan, B., Suport curs "Robotizarea fabricatiei II" - https://sites.google.com/view/clujrobotics/robotics-courses/robotization-manufacturing-ii-rf_ii?authuser=0	175	1	8.75
				Mocan, B., Suport curs "Machines, manufacturing equipment and industrial logistics" - https://sites.google.com/view/clujrobotics/robotics-courses/machine-tools-manufacturing-equipment-and-logistics?authuser=0	185	1	9.25
		Îndeplinire standard minimal	Număr de suporturi de curs/ Îndrumare	Profesor: Minimum 4, din care 2 prim autor	–	–	4
					–	–	
3	1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă	Director/ Responsabil	(Formula: 15 pct)		0		0
					0		0
4	1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite)	Titular	(Formula: 10 pct)	Automatizarea si Robotizarea fabricatiei structurilor sudate (Specializare Master Sudura an I)	10		10
				Fiabilitatea, mentenanta si siguranta in exploatare a sistemelor robotizate industriale (Specializarea Robotica Master an I)	10		10
				Robotizarea fabricatiei I (Specializarea Robotica licenta an III)	10		10
				Robotizarea fabricatiei II (Specializarea Robotica licenta an IV)	10		10
				Machines, manufacturing equipment and industrial logistics (Specializarea Robotica licenta an III)	10		10
				Leadershipul echipelor tehnice (an I master Managementul Proiectelor Tehnice)	10		10
				Metode calitative si cantitative in luarea deciziilor (an I master Managementul Proiectelor Tehnice)	10		10
5	1.5 Proiecte educationale (ERASMUS, Leonardo etc.)	Director/ Responsabil	(Formula: 10*(ani desfășurare))		0		0
					0		0
					0		0

Total punctaj A1

194.52

Data:
01/02/2022

Candidat abilitare,
Conf.dr.ing. Bogdan Mocan

Activitatea de cercetare (A2)

Nr.crt	Tipul activităților	Categorii și restricții	Subcategorii / Indicatori unitari (kpi)	Descriere	Nr. de pagini sau alți indicatori	Nr. autori sau nr. editori	Punctaj realizat
1	2.1 Articole indexate în reviste ISI și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date	<p>De la ultima promovare</p> <p>Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal, pentru profesor;</p> <p>Pentru profesor si CSI, incepand din 2018-minimum 1 articol în reviste din zona roșie sau galbenă (în întreaga activitate)</p> <p>De la ultima promovare</p> <p>Minimum 5 articole, din care 1 în reviste, minimum 2 ca autor principal, pentru Conf;</p>	(Formula: $(30 + 10 * \text{fact. Impact în anul publicării}) / (\text{nr.de autori})$ (Reviste))	(2022) Calborean, A., Macavei, S., Mocan, M. et al. Non-invasive laparoscopic detection of small tumors of the digestive tract using inductive sensors of proximity. Sci Rep 12, 760 (2022). https://doi.org/10.1038/s41598-022-04822-x ISSN: 2045-2322; Nature-Scientific Reports, IF 2021 4.380, Q1; CiteScore: 5.134, Q1)	4.38	15	4.92
				(2022) Mocan, B.; Schonstein, C.; Neamtu, C.; Murar, M.; Fulea, M.; Comes, R.; Mocan, M. CardioVR-ReTone—Robotic Exoskeleton for Upper Limb Rehabilitation following Open Heart Surgery: Design, Modelling, and Control. Symmetry 2022, 14, 81. https://doi.org/10.3390/sym14010081 ISSN: 2073-8994; (IF 2021 2,713, Q2; CiteScore: 3.4, Q1)	2.713	7	8.16
				(2021) Mocan, M., Vlaicu, S.I., Farcaș, A.D., Feier, H., Dragan, S., and Mocan, B., Cardiac Rehabilitation Early after Sternotomy Using New Assistive VR-Enhanced Robotic Exoskeleton—Study Protocol for a Randomised Controlled Trial, Int. J. Environ. Res. Public Health 2021, 18, no 22, 11922. https://doi.org/10.3390/ijerph182211922 , 2021, EISSN 1660-4601 (IF 2021 3.390, Q1)	3.39	6	10.65
				Mocan, B., Neamtu, C., Fulea, M., Murar, M., Comes, R., Jac, M., Feier, H., Mocan, M., CardioVR-ReTone – 14 DoFs Upper-Body Robotic Exoskeleton Designed to Support Cardiac Rehabilitation, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol 64, No 3 (2021), pp. 379-388, 2021; ISSN: 1221-5872.	0	8	3.75
				Fulea, M., Kis, M., Blagu, D., Mocan, B., Artifact-Based Approach to Improve Internal Process Quality Using Interaction Design Principles, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol 64, No 4s (2021), pp. 697-706, December 2021; ISSN: 1221-5872.	0	4	7.50
				Mocan, B., Fulea, M., Murar, M., Chereches, I. A., Marian, S., Robotic Cell Customization Using Augmented Reality, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol 64, No 4s (2021), pp. 725-732, December 2021; ISSN: 1221-5872.	0	5	6.00

(2020) Bințișan, V., Calborean, A., Mocan, M., Macavei, S., Cordoș, A., Ciuce, C., Bințișan, A., Chira, R., Nagy, G., Surlin, V., Timofte, D., Nickel, F., Mueller, B., Dindelegan, G., Ciuce, C., Brad, S., Murar, M., Mocan, B., New inductive proximity sensor platform for precise localization of small colorectal tumors, Materials Science and Engineering: C -MATERIALS FOR BIOLOGICAL APPLICATIONS, Volume 106, Article 110146, 2020, ISSN 0928-4931, (https://doi.org/10.1016/j.msec.2019.110146), (IF 2019 7.328, CiteScore 11.5, Q1)	7.328	18	5.74
(2020) Calborean, A., Macavei, S., Mocan, M., Ciuce, C., Cordoș, A., Bințișan, A., Chira, R., Pestean, C., Pop, O., Barbu-Tudoran, L., Dindelegan, G., Surlin, V., Nickel, F., Mocan, B., Bințișan, V., Laparoscopic compatible device incorporating inductive proximity sensors for precise detection of gastric and colorectal small tumors, Surgical Oncology, V. 35, pp. 504-514, (https://doi.org/10.1016/j.suronc.2020.10.012), December 2020, ISSN 0960-7404 (IF 2019 2.521, CiteScore 3.7, Q2)	3.7	15	4.47
(2019) Mocan, B., Fulea, M., A.D., FĂRCAȘ, M., Mocan, Exoskeleton Robotic Systems Used as a Tool for Cardiac Rehabilitation, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol 62, No 3 (Sept. 2019), pp. 411-416, 2019.	0	4	7.50
(2019) Mocan, B., Fulea, M., Mocan, M., Bințișan, M. - A ROBOTIC HELPING HAND TO THE DETECTION OF SMALL COLORECTAL TUMOURS IN LAPAROSCOPIC SURGERY, Acta Technica Napocensis Series – Applied Mathematics Mechanics and Engineering 62 (1) pp. 91-98	0	4	7.50
(2018) Bartha, L., Fulea, M., Mocan, B., EXPRESS-CAR-HIRE - A NEW CONCEPT FOR ELECTRIC VEHICLE HIRING WITHIN AIRPORT TERMINALS, Environmental Engineering and Management Journal, February 2018, Vol.17, No. 2, 273-283, ISI journal, (IF 1.186, Q4), 2018; eISSN: 1843-3707; WOS:000427084800004	1.186	3	13.95
(2016) Mocan, B., Fulea, M., Olaru, M. and Buchmüller, M., From Intuitive Programming of Robotic Systems to Business Sustainability of Manufacturing SMEs. Amfiteatru Economic, 18(41), pp. 215-231	0.564	4	8.91
(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231	0.564	4	8.91

	Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015	0.564	5	7.13
(Formula: 25/nr.de autori (Proceedings))	(2016) Brad, S., Mocan, B., Brad, E., Fulea, M.: TRIZ to support blue-design of products, Procedia CIRP 39, pp. 125-131	25	4	6.25
	(2016) Mocan B., Fulea M., Brad S., Designing a Multimodal Human-Robot Interaction Interface for an Industrial Robot, Advances in Intelligent Systems and Computing vol. 371 pp. 255-263, RAAD 2015, Bucharest, 27-29 May 2015	25	3	8.33
	(2016) Mocan, B., Osan, C., Fulea, M., Chis, IA, Timoftei, S., Sarb, A. - AN INTEGRATED MODEL FOR SOLVING CELL FORMATION PROBLEM AND ROBOT SCHEDULING USING TIMED PETRI NETS, 2016 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST (ICPR-AEM 2016) AND 4TH INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (QIEM 2016), pp. 91-96	25	6	4.17
	(2016) Fulea, M., Mocan, B., Brad, E., Homorodean, D., DESIGNING THE USABILITY OF AN INNOVATION MANAGEMENT ASSESSMENT SOFTWARE PLATFORM, 2016 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST (ICPR-AEM 2016) AND 4TH INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (QIEM 2016), pp. 340-345	25	4	6.25
	Mocan, M., Mocan, B., Blaga, SN, Mechanical conditions around neovessels in popliteal atherosclerotic plaques – An analysis using finite element method, The 84th European Society of Atherosclerosis (EAS) Congress, Atherosclerosis; 252, pp. 164–pp. 165, Innsbruck, Austria, 2016.	25	3	8.33
	Brad, S., Fulea M., Mocan, B., Brad, E., Systematic Innovation for Improving Competitiveness of a Master Study Program, Proceedings of International Conference on Engineering & Business Education, Innovation and Entrepreneurship, ISBN 978-606-12-0369-7; ISSN 1843-6730, Indexată ISI, pp. 365-368, 18-21 October 2012.	25	4	6.25

Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., Study on the Adoption of Open Innovation Principles by the Romanian SMEs, BASIQ 2015 International Conference "New Trends in Sustainable Business and Consumption", Bucharest, ISSN 2457-483X ISSN-L 2457-483X, pp. 400-407, 2015	25	5	5.00
(2015) Mocan, B., Fulea, M., Olaru, M., Buchmuller, M.: PARADIGM SHIFT IN ROBOTIC SYSTEMS PROGRAMMING FOR INCREASING BUSINESS SUSTAINABILITY, BASIQ 2015 INTERNATIONAL CONFERENCE: NEW TRENDS IN SUSTAINABLE BUSINESS AND CONSUMPTION, pp. 338-345	25	4	6.25
(2015) Brad, S., Mocan, B., Brad, E., Fulea, M.: VECTORS OF INNOVATION FOR BALANCING ECONOMIC GROWTH AND SUSTAINABLE DEVELOPMENT, BASIQ 2015 INTERNATIONAL CONFERENCE: NEW TRENDS IN SUSTAINABLE BUSINESS AND CONSUMPTION, pp. 457-464	25	4	6.25
(2014) Fulea, M., Ilies, A., Brad, S., Brad, E., Mocan, B., Murar, M., An Innovative Approach on Prioritizing Internal Improvement Projects within SMEs, Proceedings of the 2014 International Conference on Production Research – Regional Conference Africa, Europe and the Middle East; 3rd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, Romania, 1-5 July, ISBN: 978-973-662-978-5, pp. 200-206	25	6	4.17
(2014) Mocan, B., Fulea, M., Brad, E. and Brad, S., State-of-the-Art and Proposals on Reducing Energy Consumption in the Case of Industrial Robotic Systems, Proceedings of the 2014 International Conference on Production Research – Regional Conference Africa, Europe and the Middle East; 3rd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, Romania, 1-5 July, ISBN: 978-973-662-978-5, pp. 328-334	25	4	6.25
(2011) Fulea, M., Mocan, B., Brad, S., A Formal Approach of Managing Information Related to an Integrated Management System, Proceedings of The 1st International Conference on Quality and Innovation in Engineering and Management, ISBN 978-973-662-614-2, pp. 81-84	25	3	8.33
(2011) Mocan, B., Fulea, M., Brad, S., Reliability Assessment of Lean Manufacturing Systems, Proceedings of The 1st International Conference on Quality and Innovation in Engineering and Management , ISBN 978-973-662-614-2, pp. 127-130	25	3	8.33

				(2011) Fulea, M., Mocan, B., Brad, S., An Ontology-Based Approach of Guiding the Innovation Process Within SMEs, Proceedings of The 1st International Conference on Quality and Innovation in Engineering and Management , ISBN 978-973-662-614-2, pp. 281-284	25	3	8.33
				Brad, S., Brad, E., Mocan, B., Bringing the Edge of Competitiveness into Engineering Design Education: the UTCN Experience, Proceedings of the Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education, ISBN 978-973-739-848-2; ISSN 1843-6730, Indexată ISI, pp. 363-368, 15th-17th October 2009.	25	3	8.33
				(2008) Brad, S., Fulea, M., Mocan, B., Duca, A., Brad, E., Software Platform for Supporting Open Innovation, Int. Conf. AQTR2008, Cluj-Napoca, ISBN 978-1-4244-2576-1, pp. 224-229, (http://ieeexplore.ieee.org/xpl), Indexată ISI și IEEE Xplore	25	5	5.00
				(2006) Brad, S., Fulea, M., Mocan, B., Expert System for Quality Cost Planning, Monitoring and Control, Int. Conf. AQTR 2006, Cluj-Napoca, ISBN 1-4244-0360-X, pp. 53-58, (http://ieeexplore.ieee.org/xpl), Indexată ISI și IEEE Xplore, 2006.	25	3	8.33
		Îndeplinire standard minimal	Număr de articole indexate ISI	Total	–	–	31
				În reviste	–	–	14
				Autor principal	–	–	15
				Zona roșie/galbenă	–	–	5
2	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI cf. Ordin 6129/2016)	De la ultima promovare Minim 8 pentru profesor; Minim 5 pentru conferențiar	(Formula: 15/nr.de autori)	(2018) Fulea, M., Brad, S., Mocan, B., Murar, M. - FRAMEWORK FOR BUILDING A SERVICE VISION STATEMENT, Acta Technica Napocensis Series – Applied Mathematics Mechanics and Engineering 61 (3) pp. 75-84	15	4	3.75
				(2018) Mocan, B., Brad, S., Fulea, M., Murar, M., Brad, E. - SAFETY MANAGEMENT WITHIN A ROBOTIC MANUFACTURING SYSTEM THROUGH LAYOUT DESIGN, Acta Technica Napocensis Series – Applied Mathematics Mechanics and Engineering 61 (3) pp. 137-146	15	5	3
				(2019) Mocan, M., Mocan, B., Cardiac rehabilitation for older patients with cardiovascular pathology using robotic systems - A survey, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.10, No.1, February 2019, pp. 33-36, 2018 (DOI: 10.12680/balneo.2019.236)	15	2	7.50

(2018) Mocan, M., Chiorescu, R., Banc, O.N., Mocan, B., Anton, F., Stoia, M., Farcas, A.D., Cardiac rehabilitation protocols outcome in frail patients undergoing transcatheter aortic valve implantation, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.9, No.4, December 2018, pp. 401-405, 2018 (DOI: 10.12680/balneo.2018.220)	15	7	2.14
(2015) Fulea M., Tanaselea, C., Mocan, B., Murar, M., Algorithm for Automatically Generating the Robot Program for a Reconfigurable Palletising Application, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, vol. 58, Issue IV, pp. 579-584	15	4	3.75
(2016)B. Mocan, V. V. Bintintan, S. Brad, C. Ciuce, M. Mocan, M. Murar, Development of a Robotic Driven Handheld Laparoscopic Instrument for Non-invasive Intraoperative Detection of Small Endoluminal Digestive Tumors, New Trends in Medical and Service Robots - Human Centered Analysis, Control and Design, Springer International Publishing, V. 39, pp 197-210, 2016.	15	6	2.50
(2014) Mocan B., Fulea M., Brad S., Framework for Developing a Multimodal Programming Interface Used on Industrial Robots, Robotica & Management, Vol. 19, No. 2/2014, pp. 29-33, ISSN 1453 2069	15	3	5.00
(2014) Brad, S., Fulea, M., Brad, E., Mocan, B., Smart Deployment of Demonstrators into Commercial Successful Solutions, Procedia CIRP, Elsevier, DOI: 10.1016/j.procir.2014.03.137, vol. 21, 503-508, 2014.	15	4	3.75
(2014) Brad, S., Mocan, B., Brad, E., Fulea, M., Leading Innovation to Improve Complex Process Performances by Systematic Problem Analysis with TRIZ, TFC2014, Global Innovation Convention, EPFL, Lausanne, Procedia CIRP, Elsevier, 2014.	15	4	3.75
(2014) Mocan, B., Buna, D, Fulea, M., Brad, S., Increasing the Efficiency of Robotic Manufacturing Systems by Layout Optimization, Robotics 2014, Bucharest, SCOPUS, 2014.	15	4	3.75
(2014) MOCAN B., BRAD S. and FULEA M., Design Framework of a Robot System for Cleaning External Glass Walls of Modern Buildings, Proceedings of the METNET Seminar 2014 in Moscow, ISBN 978-951-784-694-3, HAMK University of Applied Sciences, Hameenlinna, Finland, December 2014	15	3	5.00

(2014) Mircea FULEA, Sorin POPESCU, Emilia BRAD, Bogdan MOCAN, Mircea MURAR, A Literature Survey On Reconfigurable Industrial Robotic Work Cells, Proceedings of the ROBOTICS 2014 - VIth International Conference on Robotics , Bucharest, 2014	15	5	3.00
(2013) Fulea, M., Brad, E., Mocan, B., Brad, S, Managing Emotional Aspects of PSS Functionalities for Sustainability, 5th CIRP Int. Conf. on Industrial Product Service Systems, Bochum, Germany, March 14-15, în volumul: Product-Service Integration for Sustainable Solutions, Lecture Notes in Production Engineering (ed. Horst Meier), Ed. Springer, Springer Link, ISBN 978-3-642-30819-2, 165-175, 2013.	15	4	3.75
(2012) Mocan B., Fulea M., Brad S., Reliability assessment of robotic welding cell within lean manufacturing systems, Robotica si Management Vol. 17, No. 1, ISSN 1453 - 2069 (2012), recunoscută CNCSIS B+	15	3	5.00
(2011) Mocan B., Fulea M., Offline Programming of Robotic Arc Welding Systems, Acta Technica Napocensis, Vol. 54, Issue I, ISSN 1221-5872, 2011, recunoscută CNCSIS B+	15	2	7.50
(2011) Brad S., Chioreanu A., Fulea M., Mocan B., Brad E., Reconfigurability Function Deployment in Software Development, Informatica Economică Vol. 15, no. 2, ISSN 1453-1305 (2011), recunoscută CNCSIS B+	15	5	3.00
(2009) Brad S., Fulea M., Brad E., Mocan B., Systematic Integration of Innovation in Process Improvement Projects Using the Enhanced Sigma-TRIZ Algorithm and Its Effective Use by Means of a Knowledge Management Software Platform, Informatica Economică nr. 4 / 2009, ISSN 1453-1305 EISSN 1842-8088, pag. 75-89, recunoscută CNCSIS B+	15	4	3.75
(2009) Fulea, M., Mocan, B., Ergonomia în software, condiție de bază pentru dezvoltarea durabilă, Revista Calitatea nr. 10 / octombrie 2009, ISSN 1582-2559, pag. 59-63, București, 2009, indexată SCOPUS	15	2	7.50
(2009) Mocan, B., Fulea, M., Value innovation in knowledge-based economy. Methods of analysis the value of an innovation, Revista Calitatea nr. 6 / iunie 2009, pag. 54-58, București, 2009, indexată SCOPUS	15	2	7.50
Mocan, B., Multidimensional analysis of innovational process. Innovation management models, Revista Calitatea - acces la succes anul 10 nr. 10, Decembrie 2009, ISSN 1582-2559, pp. 21-27, Indexată Scopus, 2009.	15	1	15.00

				Mocan, B., Brad, S., Changing Paradigms in Robotic Arc Welding by Integrating the Lean Manufacturing Concept, Academic Journal of Manufacturing Engineering no. 7, pp. 78-83, ISSN: 1583-7904, 2009.	15	2	7.50
				Mocan, B., Integrated Management Systems - Determinant Factor for Sustainable Development of an Organization, Revista Calitatea - acces la succes anul 10 nr. 1-2 ian.-feb. 2009, ISSN 1582-2559, pp. 28-34, Indexată Scopus, 2009.	15	1	15.00
				Mocan, B., Sisteme integrate de management: studiu comparativ al diverselor modele și concepte de integrare, Revista Calitatea - acces la succes anul 10 nr. 3 martie 2009, ISSN 1582-2559, pp. 3-11, Indexată Scopus, 2009.	15	1	15.00
				Mocan, B., Multidimensional analysis of innovational process. Innovation management models, Revista Calitatea - acces la succes anul 10 nr. 10, Decembrie 2009, ISSN 1582-2559, pp. 21-27, Indexată Scopus, 2009.	15	1	15.00
		Îndeplinire standard minimal	Număr de articole indexate BDI	Minim 8 pentru profesor	–	–	13.00
3	2.3 Articole in extenso in reviste/volumele unor manifestări științifice naționale/internaționale neindexate	Se admit max. doua articole la aceeași editie	(Formula: 6/ nr autori (Reviste))		0	0	
					0	0	
					0	0	
			(Formula: 4/nr autori (Proceedings))	(2007) Fulea, M, Brad, S., Duca, A., Mocan, B., Quality, Ergonomics and Aesthetics in Software Product Design, Proceedings of the 8th International Conference MTeM 2007, ISBN 973-9087-83-3, 155-158, 2007.	4	4	1.00
				(2007) Brad, S., Fulea, M., Duca, A., Mocan, B., A Novel Software Platform For Managing Innovation In Cooperative Business Processes, , Int. Conf. MTeM07, Cluj-Napoca, ISBN 973-9087-83-3, pag. 75-78, 2007	4	4	1.00
				(2005) Brad, S., Fulea, M., Mocan, B., Brad, E., An innovative intelligent software application for quality cost management, Int. Conf. MTeM05, Cluj-Napoca, ISBN 973-9087-83-3, pag. 117-120, 2005	4	4	1.00
					0	0	
4	2.4 Proprietate intelectuală, brevete de invenție și inovație etc.		2.4.1 internaționale (Formula: 40/nr.de autori)		0	0	
					0	0	
					0	0	
					0	0	
			2.4.2 naționale (Formula: 20/nr.de autori)	Mocan, B., Bintintan, V., Instrument Laparoscopic Pentru Localizarea Extraluminală Precisă A Unei Tumori Colorectale; nr. 131186 din 29.04.2021	20	2	10.00
					0	0	

5	2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, justificată cu documente care să ateste încasarea sumei)	2.5.1 Director/Responsabil Abilitare Minimum 2D sau 4R; Pentru cerințele minimale, în cazul proiectelor de cercetare/inovare finanțate prin programele cadru ale U.E. de tip FP6, FP7, H2020, calitatea de R - reprezentant al instituției este echivalentă cu cea de D - director de proiect/contract. Se va lua în considerare, din bugetul total al proiectului, suma care revine instituției din partea căreia este Responsabil calculată la cursul de schimb oficial la data contractării.	2.5.1.1 internaționale (Formula: 20* val/ (10 mii €))	Mocan, B., s.a. Smart Redesign of Clamp-Hook Tool to Achieve a Mass Reduction with 70%, CSI Industries B.V. Netherlands, nr. 2013111902/2013, [2013-2015] (val. 22.689 lei) - director de proiect	5276	Val. Euro	10.55	
				Mocan, B., s.a. Innovative design of the security fences for fast assembly and instalation; CSI Industries B.V. Holland, Grant Agreement no. 28343/10.11.2015, [perioada noiembrie 2015 – decembrie 2016] (val. 35.640 lei) - director de proiect	8312	Val. Euro	16.62	
			2.5.1.2 naționale (Formula: 10* val/ (10 mii €))	Mocan B. - Noul Exoschelet robotizat cu sistem integrat de realitate virtuală pentru reabilitare cardiaca, PN-III-P2-2.1-PED-2019-1057, nr. 535PED/2020, valoare totala proiect: 600.000 lei, valoare UTCN: 287.000 lei, [perioada: 01.11.2020-31.10.2022] – director de proiect	58762	Val. Euro	58.76	
				Servicii de simulare, proiectare și scanări 3D industriale, SC BLUE PROJECTS INDUSTRIES SRL Brăila, C-ST-2019, [perioada: 09.05.2019 - 25.04.2021] (val. 39.865 lei) (încasați 1000 lei 25.02.2020) - director de proiect	300	Val. Euro	0.30	
				Mocan, B., Non-invasive Intraoperative Detection of Small Endoluminal Digestive Tumors and their Margins using Magnetic Sensors of Proximity, UMF Cluj, Grant Agreement no. nr. 11740/09.07.2014, (val. 8630 lei) - director de proiect	2000	Val. Euro	2.00	
				Mocan, B., Cercetări privind proiectarea mașinilor unelte de debitare (tăiere) cu laser. Studii privind procesul de debitare cu laser, SC. InnoRobotics SRL, Contract no. 102/01.02.2017 (val. 30.345 lei) - director proiect	6600	Val. Euro	6.60	
			îndeplinire standard minimal	Director/Responsabil proiecte	Total (D+R/2)	-	-	4
			2.5.2 Membru în echipă	2.5.2.1 internaționale (Formula: 4*nr. ani participare în proiect)	Brad, S., Mocan, B., (responsabil modul <i>software design & development</i>) ș.a., Demonstrating the Industrial Validity and Market Feasibility of IT Tool to Support SMEs in Systematic Innovation Processes, Acronim: MARKET-IT, Proiect FP7, Cod: 311517, Call FP7-SME-2011, 2012-2014	4	1.5	6.00
					Brad, S., Mocan, B. (responsabilul pachetului de lucru dedicat planificării calitatii aplicației software), ș.a., <i>IT Tool to Support SMEs in Systematic Innovation, Based on Consolidated Methodology and Innovation Knowledge Domain Structured through Specific Ontologies</i> , Acronim: TECH-IT-EASY, Proiect FP7, Call SME-2008-1, Cod: 232410, iunie 2009- august 2011	4	2	8.00

				Brad, S., Mocan, B., Business Innovation Support Network Transylvania, Grant Agreement EEN-225559, Acronym BISNet Transylvania, in cadrul Programului pentru Competitivitate și Inovare al Comisiei Europene [perioada ianuarie 2009 – februarie 2018]	4	9	36.00
				Expert System for Smart Robots, CSI Industries B.V. Holland, Grant Agreement no. 2013/11.903, [perioada noiembrie 2013 – martie 2014]	4	2	8.00
			2.5.2.2 nationale (Formula: 2*nr. ani participare în proiect)	Fulea, M., Mocan, B., (Responsabil dezvoltare sistem audit al inovarii) ș.a. Integrated Innovation Management System for SMEs, acronim: InnDrive, finanțator: ANCS, Cod: PN-II-PT-PCCA-2013-4-1319, 2014-2016	2	3	6.00
				Brad, S., Mocan, B., (Responsabil modul planificarea costurilor) ș.a., <i>Creșterea Performanțelor de Calitate în Cadrul Proceselor Cooperative din IMM-uri prin Sisteme Expert în Ingineria și Managementul Inovației</i> , acronim INOVEX, Contract CEEEX II nr. 140/02.10.2006, ANCS, Cod. 628, 2006-2008	2	3	6.00
				Brad, S., Fulea, M., (Responsabil modul planificarea costurilor) ș.a. <i>e_QOST: Sistem Informatic Inovativ pentru Monitorizarea, Controlul și Planificarea Costurilor Referitoare la Calitate</i> , Cod 5402, PNCDI-CALIST, 2004-2006	2	3	6.00
				Mocan, B., Sistem Integrat de Monitorizare, Analiza și suport pentru activitățile de excelență în Cercetare - SIMAC+, CNFIS-FDI-2018-2019	2	1	2.00
6	2.6 Coordonare/dezvoltare laborator/centru cercetare (dacă laboratorul este și didactic,	Responsabil	40 pct		0		0
					0		0
					0		0

Total punctaj A2

557.48

Data:
01/02/2022

Candidat abilitare,
Conf.dr.ing. Bogdan Mocan

Recunoașterea impactului activității (A3)

Nr.crt	Tipul activităților	Categorii și restricții	Subcategori / Indicatori unitari (kpi)	Descriere	Nr. de pagini sau alți indicatori	Nr. autori sau nr. editori	Punctaj realizat
1	3.1 Vizibilitate în baze de date internaționale	Număr de citări în publicații (fără autocitări)	3.1.1 citări în articole indexate ISI (Formula: 10/nr. autori articol citat)	Mocan, M., Chiorescu, R., Banc, O.N., Mocan, B., Anton, F., Stoia, M., Farcas, A.D., Cardiac rehabilitation protocols outcome in frail patients undergoing transcatheter aortic valve implantation, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.9, No.4, December 2018, pp. 401-405, 2018 (DOI: 10.12680/balneo.2018.220) <i>Cited by</i> : Balneotherapy - medical, scientific, educational and economic relevance reflected by more than 250 articles published in Balneo Research Journal; Munteanu, C ; Munteanu, D ; Hoteteu, M ; Dogaru, G; DOI: 10.12680/balneo.2019.257	10	7	1.43
				Mocan, M., Chiorescu, R., Banc, O.N., Mocan, B., Anton, F., Stoia, M., Farcas, A.D., Cardiac rehabilitation protocols outcome in frail patients undergoing transcatheter aortic valve implantation, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.9, No.4, December 2018, pp. 401-405, 2018 (DOI: 10.12680/balneo.2018.220) <i>Cited by</i> : Vitmamin D supplementation with Cardiac Rehabilitation reduces the number of RVOT Premature Ventricular Contractions; Cismaru, G ; Gurzau, D ; Fringu, F ; Martis, A ; Caloian, B ; Comsa, H ; Gusetu, G ; Puiu, M ; Istratoaie, S ; Cismaru, A ; Rosu, R ; Pop, D ; Zdrenghea, D, DOI: 10.12680/balneo.2020.406	10	7	1.43
				Mocan, M., Chiorescu, R., Banc, O.N., Mocan, B., Anton, F., Stoia, M., Farcas, A.D., Cardiac rehabilitation protocols outcome in frail patients undergoing transcatheter aortic valve implantation, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.9, No.4, December 2018, pp. 401-405, 2018 (DOI: 10.12680/balneo.2018.220) <i>Cited by</i> : I have an arrhythmia. Do I need Cardiac Rehabilitation?; Zgiia, A; Maataoui, F ; Cismaru, G ; Cismaru, A ; Gurzau, D ; Frangu, F ; Martis, A ; Caloian, B ; Comsa, H ; Gusetu, G ; Puiu, M ; Sabina, I ; Rosu, R ; Pop, D ; Zdrenghea, D; DOI: 10.12680/balneo.2020.337	10	7	1.43
				Mocan, M., Mocan, B., Cardiac rehabilitation for older patients with cardiovascular pathology using robotic systems - A survey, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.10, No.1, February 2019, pp. 33-36, 2019 (DOI: 10.12680/balneo.2019.236) <i>Cited by</i> : Vitmamin D supplementation with Cardiac Rehabilitation reduces the number of RVOT Premature Ventricular Contractions; Cismaru, G ; Gurzau, D ; Fringu, F ; Martis, A ; Caloian, B ; Comsa, H ; Gusetu, G ; Puiu, M ; Istratoaie, S ; Cismaru, A ; Rosu, R ; Pop, D ; Zdrenghea, D, DOI: 10.12680/balneo.2020.406	10	2	5
				Mocan, M., Mocan, B., Cardiac rehabilitation for older patients with cardiovascular pathology using robotic systems - A survey, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.10, No.1, February 2019, pp. 33-36, 2019 (DOI: 10.12680/balneo.2019.236) <i>Cited by</i> : I have an arrhythmia. Do I need Cardiac Rehabilitation?; Zgiia, A; Maataoui, F ; Cismaru, G ; Cismaru, A ; Gurzau, D ; Frangu, F ; Martis, A ; Caloian, B ; Comsa, H ; Gusetu, G ; Puiu, M ; Sabina, I ; Rosu, R ; Pop, D ; Zdrenghea, D; DOI: 10.12680/balneo.2020.337	10	2	5
				Mocan, M., Mocan, B., Cardiac rehabilitation for older patients with cardiovascular pathology using robotic systems - A survey, Balneo Research Journal, ISSN: 2069-7597/eISSN: 2069-7619, Vol.10, No.1, February 2019, pp. 33-36, 2019 (DOI: 10.12680/balneo.2019.236) <i>Cited by</i> : Balneotherapy - medical, scientific, educational and economic relevance reflected by more than 250 articles published in Balneo Research Journal; Munteanu, C ; Munteanu, D ; Hoteteu, M ; Dogaru, G; DOI: 10.12680/balneo.2019.257	10	2	5
				(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : Original Inconsistencies in the Dynamics of Sustainable Development Dimensions in Central and Eastern European Countries; Ulman, SR, Mihai, C, Cautisanu, C, POLISH JOURNAL OF ENVIRONMENTAL STUDIES, 2021, WOS:000668149800009	10	4	2.5
				(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : Sustainable Development Goals: A cluster analysis of worldwide countries; Caglar, M, Gurler, C; ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, 2021, WOS:000692431900002	10	4	2.5
				(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : QUALITY ENGINEERING CHALLENGES ON THE WAY TO SUSTAINABILITY; Hamrol, A; DOI: 10.24425/mper.2020.136125	10	4	2.5
				(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : Dichotomy of the EU's Objectives in the Field of Energy and Differences in their Implementation by Member States; Kraftova, I ; Kraft, J; DOI: 10.5817/CZ.MUNI.P210-8970-2018-86	10	4	2.5
				(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : EUROPE 2020 TARGETS AS LIFE QUALITY MEASURES IN A GLOBAL ECONOMY - AN ATTEMPT OF EVALUATION BASED ON THE EXAMPLE OF POLAND; Czech, K; WOS:000393253800044	10	4	2.5

(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : ISO 9001 FROM THE 2008 TO THE 2015 VERSION. UNDERSTANDING THE CHANGES TO GAIN PERSPECTIVE; Dragomir, M; Pop, G; Dragomir, D; WOS:000385997200034	10	4	2.5
(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : CONTEXTUALIZATION OF MANAGEMENT PRACTICES FROM THE PERSPECTIVE OF KNOWLEDGE-BASED MANAGEMENT By: Sirbu, Mirela; Simion, Dalia Mirela TRANSFORMATIONS IN BUSINESS & ECONOMICS Volume: 17 Issue: 3 Pages: 125-139 Published: 2018, WOS:000452818400008	10	4	2.5
(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : SUSTAINABLE ECONOMIC DEVELOPMENT, ECONOMIC EQUILIBRIUM AND WORK PRODUCTIVITY ON INDUSTRIES OF THE ROMANIAN NATIONAL ECONOMY, 2000-2015 By: Deaconu, Alexandrina; Gogu, Emilia; Radu, Catalina; et al. ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH Volume: 52 Issue: 1 Pages: 25-42 Published: 2018, WOS:000429515000002	10	4	2.5
(2016) Brad, S., Mocan, B., Brad, E., Fulea, M., Environmentally Sustainable Economic Growth, Amfiteatru Economic, 18(42), pp. 215-231 <i>Cited by</i> : CONSTRAINTS OF TRANSITION TO ECOLOGICAL AGRICULTURE IN A SUSTAINABLE DEVELOPMENT SOCIETY. ROMANIAN PERSPECTIVE By: Serban, Andreea Claudia; Aceleanu, Mirela Ionela; Saseanu, Andreea Simona TRANSFORMATIONS IN BUSINESS & ECONOMICS Volume: 16 Issue: 3 Pages: 56-72 Published: 2017, WOS:000417226500005	10	4	2.5
Mocan, B., Fulea, M., Brad, S. Designing a Multimodal Human-Robot Interaction Interface for an Industrial Robot, Proceedings of 24th International Conference on Robotics in Alpe-Adria-Danube Region (RAAD), ADVANCES IN ROBOT DESIGN AND INTELLIGENT CONTROL, V. 371, pp. 255-263, SPRINGER-VERLAG BERLIN, HEIDELBERGER PLATZ 3, D-14197 BERLIN, GERMANY, 2016 (DOI: 10.1007/978-3-319-21290-6_26) <i>Cited by</i> : Human-robot interaction in industrial collaborative robotics: a literature review of the decade 2008-2017; Hentout, A ; Auache, M ; Maoudj, A ; Akli, I; DOI: 10.1080/01691864.2019.1636714	10	3	3.33
(2016) Mocan, B., Fulea, M., Olaru, M. and Buchmüller, M., From Intuitive Programming of Robotic Systems to Business Sustainability of Manufacturing SMEs. Amfiteatru Economic, 18(41), pp. 215-231 <i>Cited by</i> : A STUDY ON FACTORS INFLUENCING SUSTAINABLE ENTREPRENEURSHIP IN EUROPEAN UNION COUNTRIES; Fogoros, TE ; Maier, D ; Iordache, A ; Bitan, GE; WOS:000630165800122	10	4	2.5
(2016) Mocan, B., Fulea, M., Olaru, M. and Buchmüller, M., From Intuitive Programming of Robotic Systems to Business Sustainability of Manufacturing SMEs. Amfiteatru Economic, 18(41), pp. 215-231 <i>Cited by</i> : SUCTION-CUP MANIPULATOR CONCEPT DEVELOPMENT FOR THIN SHEET METAL By: Steopan, Monica; Popister, Florin; Ciupan, Cornel; et al. ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING Volume: 62 Issue: 1 Pages: 211-216 Published: MAR 2019, WOS:000464577100029	10	4	2.5
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : Sustainable Development Disparities in the EU-27 Based on R&D and Innovation Factors; Constantin, M, Dinu, M, Patarlageanu, SR, Chelariu, C., Amfiteatru Economic, 2021, WOS:000708240100005	10	5	2
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : Technological Adaption and Open Innovation in SMEs: An Strategic Assessment for Women-Owned SMEs Sustainability in Bangladesh; Meng, L., Qamruzzaman, M., Adow, AHE., Sustainability, 2021, WOS:000628678000001	10	5	2
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : The role of foreign technologies and R&D in innovation processes within catching-up CEE countries; Prokop, V, Stejskal, J., Klimova, V, 3 Zitek, V; PLoS One; 2021, WOS:000644138300096	10	5	2
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : Technological Adaption and Open Innovation in SMEs: An Strategic Assessment for Women-Owned SMEs Sustainability in Bangladesh; Meng, L ; Qamruzzaman, M ; Adow, AHE; DOI: 10.3390/su13052942	10	5	2
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : Interaction between the Knowledge Sharing on Innovation Behavior Based on the Viewpoint of Team Diversity: Empirical Research from China; Lee, MH ; Yen, MY; Perromat, L; WOS:000502817200008	10	5	2
(2015) Olaru, M., Dinu V., Keppler, T., Mocan, B., Mateiu, A., STUDY ON THE OPEN INNOVATION PRACTICES IN ROMANIAN SMEs, Amfiteatru Economic, 17 (Special No. 9), ISSN: 1582 – 9146, pp. 1129-1141, (IF 0,564), 2015 <i>Cited by</i> : A REVIEW OF PRODUCT INNOVATION MANAGEMENT LITERATURE IN THE CONTEXT OF ORGANIZATION SUSTAINABLE DEVELOPMENT; Maier, D ; Maftai, M; Maier, A ; Bitan, GE; DOI: 10.24818/EA/2019/S13/816	10	5	2

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2	3.2 Prezentări efectuate ca invitat/invitată în plenum unor manifestări științifice naționale și internaționale și Profesor invitat		3.2.1 internaționale (Formula: 20 pct)			0
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3	3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/(b) Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI		3.3.1 indexate ISI (Formula: 10 pct)	Recenzor QIEM 2011 (ISI WoK)	10	10
				Recenzor QIEM 2012 (ISI WoK)	10	10
				Recenzor QIEM 2014 (ISI WoK)	10	10
				Recenzor INTERIN 2013 (ISI WoK)	10	10
				Recenzor RAAD 2015 (ISI WoK)	10	10
				Recenzor International Journal of Sustainable Engineering	10	10
				Recenzor Applied Sciences, MDPI	10	10
				Recenzor Robotics, MDPI	10	10
					0	0
					0	0
			3.3.2 indexate BDI (Formula: 8 pct)	Membru în comitetul de redacție/ Recenzor Acta Technica Napocensis	8	8
				Recenzor MTM & Robotics 2020 - Joint International Conference of the XIII	8	8
			3.3.3 naționale și internaționale neindexate (Formula: 5 pct)		0	0
					0	0
					0	0
4	3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ		3.4.1 Conducere (Formula: 5*ani desfășurare)		0	0
					0	0
					0	0

			3.4.2 Membru (Formula: 2*ani desfășurare)	Membru în Consiliul Departamentului Ingineria Proiectării și Robotica (2012-2020)	2	8	16
				Membru în Consiliul Facultății Inginerie Industrială, Robotica și Managementul Producției (2020- prezent)	2	2	4
					0	0	
5	3.5 Premii		3.5.1 Academia Română (Formula: 30 pct)		0		0
					0		0
			3.5.2 ASAS, AOSR, academiilor de ramură și CNCS (Formula: 15 pct)		0		0
					0		0
					0		0
			3.5.3 premii internaționale (Formula: 10 pct)	Diploma de Excelență și Medalie de Aur cu Mențiune Specială la Salonul Internațional de Inventică PRO INVENT - Non-invasive intraoperative detection of small endoluminal digestive tumors and their margins using proximity sensors; 2015	10		10
				Special prize as a sign of honor , recognition and appreciation of scientific creativity and originality - Salonul Internațional de Inventică PRO INVENT - Non-invasive intraoperative detection of small endoluminal digestive tumors and their margins using proximity sensors; 2015	10		10
				Medalie de bronz – EIS Infoinvent, Ediția a XIV-a noiembrie 2015, Chisinau, Republica Moldova – 25-28 Noiembrie, Chișinău, 2015	10		10
				Diploma - Gold Medal (Medalie de Aur) - EUROINVENT European Exhibition of Creativity and Innovation; 2015	10		10
				Diploma de Excelență și Medalie de Aur cu Mențiune Specială la Salonul Internațional de Inventică PRO INVENT - Arterial puncture device for arterial blood gas sampling from radial artery and method for using the device – 21-23 Martie, Cluj-Napoca, 2018	10		10
				Diploma of Bronze Medal EuroInvent 2018 - Arterial puncture device for arterial blood gas sampling from radial artery and method for using the device - , 17-19 May, Iași, Romania 2018	10		10
				Diploma of Gold Medal Inventica 2018 - Arterial puncture device for arterial blood gas sampling from radial artery and method for using the device - , 27-29 June, Iași, Romania 2018	10		10
				Diploma excelență (Marian Sergiu și Bogdan Mocan) din partea Universității Tehnice a Moldovei în cadrul Salonului Internațional al Cercetării, Inovării și Inventicii „Pro-Invent”, 20-22 martie 2019, Cluj-Napoca, România	10		10
				Silver Medal – International Warsaw Inventions Show “IWIS” 2021 – Laparoscopic Instrument for Precise Intraoperative Localization of Small Colorectal Tumors, 25-27 October, Warsaw, Poland, 2021.	10		10
			3.5.4 premii naționale în domeniul (Formula: 5 pct)				0
							0
6	3.6 Membru în academiile, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.1 Academia Română	(Formula: 100 pct)		0		0
					0		0
		3.6.2 ASAS, AOSR și academiile de ramură	(Formula: 20 pct)		0		0
					0		0
		3.6.3 Conducere asociații profesionale	3.6.3.1 internaționale (Formula: 30 pct)		0		0
			3.6.3.2 naționale (Formula: 10 pct)		0		0
					0		0
					0		0
		3.6.4 Asociații profesionale	3.6.4.1 internaționale (Formula: 5 pct)	Membru în societatea ETRIA (European TRIZ Association)	5		5
			3.6.4.2 naționale (Formula: 3 pct)	Membru Societatea de Robotica din Romania	3		3
					0		0
					0		0
		3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere (Formula: 10 pct)		0		0
					0		0
					0		0
			3.6.5.2 Membru (Formula: 5 pct)		0		0
					0		0