

**ANEXA NR. 6 - COMISIA DE INGINERIE CIVILĂ ȘI MANAGEMENT / CONFORM OM 6129/2016**  
**Standarde minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare - dezvoltare**

Nume și prenume: **Nagy Zsolt** Grad didactic: **Conferențiar**  
 Domeniul: **Științe ingineresti/Inginerie civilă și management**

Nr. Cr.	Domeniul activ.	Tipul activității	Categori și restricții	Subcategori/Activități	Indicatori/Punctaj	Număr	Punctaj		
0	1	2	3	4	5				
1	Activitatea didactică și profesională (A1)	Cărți, cursuri universitare și capitole în cărți de specialitate	1.1.1. Cărți, cursuri universitare / capitole ca autor; pentru Profesor/CSI minim 2, Conferențiar/CSI minim 1 1.1.2 Cărți, cursuri universitare / capitole de cărți ca editor /	1.1.1.1	Internaționale	nr pagini/(2*nr autori)	2	11,3	
				1.1.1.2	naționale	nr pagini/(5*nr autori)	4	90,25	
				1.1.2.1	internaționale	nr pagini/(3*nr autori)			
				1.1.2.2	naționale	nr pagini/(7*nr autori)	4	96,9	
						Punctaj unic, egal cu unitatea, pentru fiecare activitate (Maximum 10 activități pentru Profesor; Maxim 5 activități pentru Conferențiar)			Maximum 10 pentru Profesor; Maxim 5 pentru Conferențiar
<b>TOTAL A1</b>							<b>198,46</b>		
2	Activitatea de cercetare (A2)	2.1 Articole în reviste ISI Thomson Reuters și în volume indexate ISI Proceedings. Factorul de Impact (FI) al revistei este cel din anul publicării articolului. 2.2 Articole în reviste și volumele unor manif. științ. indexate în Baze de Date Internaționale (BDI). Articolele indexate în ISI WOS care nu sunt luate în considerare la criteriul A2.1 pot fi echivalate cu articole BDI în forma: 1 lucrare indexată în ISI WOS este echivalentă cu o lucrare indexată în BDI BDI considerate sunt: Scopus, Wiley, Springer, Science Direct, IEEE, Engineering Village, Proquest, EBSCO. 2.3 Brevete de invenție înregistrate la OSIM sau WIPO 2.4 Granturi/proiecte câștigate prin competițiile ce finanțează activități de cercetare. *Prin grant/proiect de cercetare câștigat prin competiție se înțelege că trebuie să fie atrase simultan fonduri pentru: cheltuieli de personal, cheltuieli de capital, cheltuieli cu logistica (obiecte de mică valoare și consumabile), deplasări și regia universității. 2.5 Responsabil de proiecte de cercetare/consultanță. Fiecare proiect considerat la calculul punctajului trebuie să fie în valoare de minim 50 000 lei pentru instituția la care responsabil era/este titular.	Minim 8 articole pentru Profesor - dintre acestea minim 2 trebuie să fie în reviste cu FI > 1 și minim 2 în reviste cu FI > 0.5. Minim 5 articole pentru Conferențiar - dintre acestea minim 2 trebuie să fie în reviste cu FI > 0.5. Minim 12 pentru Profesor Minim 8 pentru Conferențiar			(25+20*FI)/nr aut	21	249,2	
							(25+20*FI)/nr aut		
						20/nr autori		24	179,2
						20/nr autori			
				2.3.1	cotate ISI	50/nr autori			
				2.3.2	internaționale, necotate ISI	35/nr autori			
				2.3.3	naționale	25/nr autori			
				2.4.1	internaționale	20*nr ani de desfășurare (dovediti prin contract)	2	120	
				2.4.1.2	naționale	10*nr ani de desfășurare (dovediti prin contract)	1	30	
				2.4.2.1	internaționale	10*nr ani de desfășurare (se dovedește prin fișele de pontaj)			
2.4.2.2	naționale	5*nr ani desfășurare (se dovedește prin fișele de pontaj)	3	9					
2.5		5/proiect (se dovedește prin contract)							
<b>TOTAL A2</b>						<b>48</b>	<b>587,4</b>		
3	Recunoașterea și Impactul activității (A3)	3.1 Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI. Nuse sau în considerare citările provenind din articole care au ca autor sau coautor candidat (autocitările). FI este factorul de impact al revistei în care se citează publicația candidatului. 3.2 Prezentări invitate în plenum ori manif. științ. naționale și internaționale (keynote-speaker) și profesor invitat pentru a susține module de curs/ prelegeri (exclusiv ERASMUS) 3.3 Membru în colective de redacție sau comitete științ. ale revistelor și manif. științ., organizator de manif. științ.; Recenzor pentru reviste și manif. științ. 3.4 Experiință de management universitar sau de cercetare	Minim 15 citări pentru Profesor Minim 8 citări pentru Conferențiar	3.1.1	Articole în reviste cotate ISI	10*FI/nr autori art citat			
				3.1.2	Articole în volumele unor manif. științ. indexate ISI	2,5/nr aut art citat			
				3.1.3	Articole în reviste indexate BDI	2,0/nr aut art citat		12,9	
				3.1.4	Articole în volumele unor manif. științ. indexate BDI	1,0/nr aut art citat			
				3.2.1	internaționale	10			
				3.2.2	naționale	5	2	5	
				3.3.1	Membru în colective de redacție sau recenzor pentru reviste cotate ISI	10	4	20	
				3.3.2	Membru în colective de redacție sau recenzor pentru reviste cotate BDI	6			
				3.3.3	Membru în comitete științifice, organizator sau recenzor pentru manifestări științifice	4	1	4	
				3.4.1	Conducere	5*nr ani		15	
3.4.2	Membru org. de cond.	2*nr ani		24					
<b>TOTAL A3</b>						<b>48</b>	<b>360,6</b>		

Conditii minimele Ai					
Nr.	Domeniu de activitate (A)	Conditii Conferentiar	Realizat Conferentiar	Conditii Profesor	Realizat Profesor
1	Activitatea didactica / profesionala (A1)	minimum 30 puncte		minimum 70 puncte	198,46
2	Activitatea de cercetare (A2)	minimum 180 puncte		minimum 300 puncte	587,42
3	Recunoasterea impactului activitatii (A3)	minimum 40 puncte		minimum 80 puncte	360,56
<b>Total (A)</b>		<b>Minimum 250</b>		<b>Minimum 450</b>	<b>1 146,44</b>

Conditii minimele obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
1.1.1.	Cărți, cursuri universitare si capitole în Cărți de specialitate	2	4	Da
2.1.	Articole în reviste ISI Thomson Reuters și în volume indexate ISI Proceedings .	8	20	Da
		articole cu FI > 1, 2 buc	4	Da
		articole FI > 0,5, 2 buc	0	Da, +2 FI > 1
2.2.	Articole în reviste și volumele unor manifestări științifice indexate în BDI	12	24	Da
2.4.1	Granturi/proiecte* câștigate prin competițiile ce finanțează activități de cercetare. Director (pentru instituția coordonatoare)/responsabil (pentru instituția parteneră)	2	2	Da
3.1	Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI. Nu se iau în considerare citările provenind din articole care au ca autor sau coautor candidatul (autocitările).	12	48	Da

Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1.2. Cărți, cursuri universitare / capitole ca autor naționale

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Nr.pag.	Punctaj
1	TWG 7.10 ECCS, 14 autori	The Testing of Connections with Mechanical Fasteners in Steel Sheeting and Sections	ECCS, ISBN 92-9147-000-91	2009	42	1,5
2	TWG 7.5 ECCS, 12 autori	Worked examples according to EN 1993-1-3 Eurocode 3, Part 1.3	ECCS, ISBN 92-9147-000-86	2008	235	9,8
3	1	Studiul soluțiilor constructive și performanțelor structurale ale halelor ușoare cu structura realizată din profile de oțel formate la rece	Editura Politehnică, ISBN 973-625-389-9	2006	188	37,6
4	4	Calculul și proiectarea construcțiilor din profile metalice cu pereți subțiri formate la rece	Editura AMM, Colecția Lindab, București, ISBN 973-86509-4-1	2004	255	12,8
5	4	Construiește cu STEEL – Ediția 1” Volumul seminarului organizat cu ocazia aniversării profesorului VASILE PĂCURAR la 70 de ani	Editura Mediamira, ISBN 978-973-713-271-0	2010	240	8,6
6	2	Construiește cu STEEL – Ediția 2” Volumul seminarului organizat la Cluj	Editura Mediamira, ISBN 978-973-713-286-4	2011	431	30,8
7	2	CM14 - Construieste cu STEEL – Ediția 3” Volumul conferinței organizat la Cluj	Editura Mediamira, ISBN 978-973-713-334-2	2015	705	50,4
8	4	Îndrumător pentru proiectarea structurilor realizate din profile formate la rece cu secțiuni compuse	Editura Gordias, ISBN 978-973-0-33018-2	2020	128	6,4
9	1	Rolul inginerului proiectant de structuri	Editura AICPS, ISBN 978-973-0-36192-6	2022	36	7,2
10	2	Construcții Metalice - Structuri	Editura UTPress, ISBN 978-606-737-599-2	2022	335	33,5
<b>Total punctaj A1.1.1.2.</b>						<b>198,5</b>



**A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in baze de date internaționale (BDI)**

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj
1	Dubina, Dan; Stratan, Aurel; Ciutina, Adrian; Nagy, Zsolt;	Performance of ridge and eaves joints in cold-formed steel portal frames	GOOGLE SCHOLAR	4	5,00
2	Pernes, Paul M; Nagy, Zsolt;	FE modeling of cold-formed steel bolted joints in pitch-roof portal frames	GOOGLE SCHOLAR	2	10,00
3	Dubina, Dan; Ungureanu, Viorel; Nagy, Zsolt; Nunes, Luis; Pernes, Paul;	IMPERFECTIONS SENSITIVITY ANALYSIS OF PITCHED ROOF COLD-FORMED STEEL PORTAL FRAMES	Scopus	5	4,00
4	Zsolt, Nagy; Ludovic, Fülöp; Asko, Talja;	ARE WE TOO CAPITALISTS FOR A COMFORTABLE LIFE? BUSINESS MODELS FOR FUTURE AND EXISTING FLAT BUILDING ADMINISTRATION.	Scopus	3	6,67
5	Stratan, Aurel; Nagy, Zsolt; D. Dubina	Cold-formed steel pitched-roof portal frames of back-to-back plain channel sections and bolted joints	Scopus	3	6,67
6	Cristutiu, M; Nagy, ZSOLT;	Initial imperfection influences on the structural behaviour of steel portal frames with variable cross sections and some sustainability considerations-Case study, Selected Topics in Energy, Environment	Scopus	2	10,00
7	Nagy, Zsolt; Dubina, Dan;	There is Possible to Build Low Rise Multi Storey Cold-Formed Steel Framed Structures in Romania?	GOOGLE SCHOLAR	2	10,00
8	Kiss, Zoltan; Balint, Karoly; Toader, Nicu; Nagy, Zsolt;	A long span structure in Romania	Scopus	4	5,00
9	Nagy, Zsolt; Cristutiu, I Mircea;	ADVANCED NONLINEAR INVESTIGATIONS OF A 50 M SPAN FRAME CASE STUDY: THE STEEL STRUCTURE OF THE ICE RINK, CITY OF TARGU-MURES, ROMANIA	Scopus	2	10,00
10	Nagy, Zsolt; Cristutiu, I Mircea; Z. Kiss	Local and global stability analysis of a large free span steel roof structure	Scopus	3	6,67
11	Nagy, Zsolt; Gîlia, Lucian; Ballok, Robert;	Romanian application of cold-formed steel beams with screwed corrugated webs	GOOGLE SCHOLAR	3	6,67
12	Nagy, Zs; Kiss, Z; Cristuțiu, M;	Penthouse Steel Structure for a Five Story Building-Extension of the "Sigma" Office Building, Cluj-Napoca, Romania	GOOGLE SCHOLAR	3	6,67
13	Zs. NAGY; V. Ungureanu, D. Dubina, R. Ballok	EXPERIMENTAL INVESTIGATIONS OF COLD-FORMED STEEL TRAPEZOIDAL BEAMS OF SCREWED CORRUGATED WEBS	GOOGLE SCHOLAR	4	5,00
14	Pernes, Paul M; Nagy, Zsolt; Campian, Cristina; Pop, Maria;	Optimized sections for cold formed steel channel profiles under compression and bending according to EN1993-1-3	GOOGLE SCHOLAR	4	5,00
15	I.M. Cristuțiu, Zs. Nagy,	Behaviour of a large steel pitched-roof portal frame with welded plate tapered members and king post truss rafter at the mid span, Proceedings of 10th International Conference on Advances in Steel Concrete Composite and Hybrid Structures, Singapore, 2 – 4 July 2012, ISBN: 978-981-07-2615-7 : doi:10.3850/978-981-07-2615-7_294, pp. 134-141,	GOOGLE SCHOLAR	2	10,00
16	Zs. NAGY;	VIRTUAL TESTING OF COLD-FORMED STEEL BOLTED JOINTS IN PITCH-ROOF PORTAL FRAMES	GOOGLE SCHOLAR	1	20,00
17	Nagy, Z; Pernes, P;	A Parametric Study of Cold-Formed Steel Bolted Joints in Pitch-Roof Portal Frames	GOOGLE SCHOLAR	2	10,00
18	Botici, Alexandru A; Ungureanu, Viorel; Ciutina, Adrian; Botici, Alexandru; Dubina, Dan; Nagy, Zsolt; Riihimäki, Markku J; Talja, Asko; Fülöp, Ludovic A;	SUSTAINABILITY CHALLENGES OF RESIDENTIAL REINFORCED-CONCRETE PANEL BUILDINGS	GOOGLE SCHOLAR	7	2,86
19	Brad, Stelian; Chioreanu, Adrian; Nagy, Zsolt;	Product Innovation in SMEs: A Web-based Supporting Tool and Case Studies	GOOGLE SCHOLAR	3	6,67
20	Dubina, D; Stratan, A; Ciutina, A; Fulop, L; Zsolt, N;	Monotonic and cyclic performance of joints of cold formed steel portal frames	GOOGLE SCHOLAR	5	4,00
21	Nagy, Z; Ballok, R;	Local and global stability analysis of CFS structural members with particular shapes using spot welding technology	Scopus	2	10,00
22	A. Feleki, Nagy, Z;	Challenges in structural designing of egg-shaped steel structure	Scopus	2	10,00
23	D. Dubina, R. Zaharia, M. Georgescu, F. Dinu, Olar Gh., Zs. Nagy	"Some Particular Problems regarding the use of light steel single storey industrial structures in Romania", Special Issue of the Journal of Constructional Steel research, Volume 46, Issues 1-3, April-June 1998, Second World Conference on Steel in Construction, Donostia San Sebastian, 11-13 May 1998, pp. 331-335,	Scopus	6	3,33
24	Vladut, Sav; Cristina, Campian; Nagy, Zsolt; Alina, Haupt-Karp;	COMPOSITE COLUMNS USING HIGH STRENGTH CONCRETE	GOOGLE SCHOLAR	4	5,00

**Total punctaj A2.2.**
**179,2**

**A2.4.1.2. Granturi/proiecte câștigate prin competițiile ce finanțează activități de cercetare: director/responsabil de proiect**

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	International	Proiectul EUREKA cu titlul : "SISTEM E-FORUM PENTRU IMPLEMENTAREA EUROCODURILOR PENTRU STRUCTURI METALICE ÎN ROMÂNIA – SEFIE-RO; încheiat în anul 2006	2003-2006	3	60
2	International	Proiectul EUREKA-Eurostars cu titlul : "Cold formed Steel Expert"; in derulare 2020-2021	2020-2022	3	60
3	National	Bursă Postdoc in programul POSDRU cu proiectul ÎNCERCĂRI EXPERIMENTALE PE NODURI INOVATIVE DE CADRE MULTIETAJATE CU PROFILE DIN OȚEL FORMATE LA RECE PENTRU CLĂDIRI CIVILE ÎN ZONE SEISMICE	2010-2013	3	30

**Total punctaj A2.4.1.2**

**150**

**A2.4.2.2. Granturi/proiecte câștigate prin competițiile ce finanțează activități de cercetare: membru in echipa**

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Proiect de cercetare între UTCN și SC. Teraplast SA Bistrița: SISTEM INTEGRAT INOVATIV PENTRU CONSTRUCȚII: STRUCTURĂ METALICĂ ASAMBLATĂ DIN PROFILE UȘOARE ZINCATE ȘI ANVELOPĂ DIN PANOURI TERMOIZOLANTE DIN SPUMĂ POLIURETANICĂ”, cu Nr.inreg/ Cod SMIS: 329/5754, Nr. contract 109/09.03.2010 POSCCE	2010-2011	1	2
2	National	Proiectul MEC-CNCSIS, Grant 3853 A11/164 "Studiul experimental al cadrelor pentru construcții civile și industriale în zone seismice", încheiat în 2006	2003-2006	3	6
3	National	PNII - Sistem integrat de proiectare, verificare la cutremur și ofertare a structurilor de rafturi, Cecuri de inovare	2017	0,5	1
4					

**Total punctaj A2.4.1**

**9**

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	F.I.	Punctaj
1	Performance of ridge and eaves joints in cold-formed steel portal frames	Dubina, Dan. "Structural analysis and design assisted by testing of cold-formed steel structures." <i>Thin-walled structures</i> 46.7 (2008): 741-764.	4	1,50	3,75
2	Performance of ridge and eaves joints in cold-formed steel portal frames	Ho, H. C., and K. F. Chung. "Analytical prediction on deformation characteristics of lapped connections between cold-formed steel Z sections." <i>Thin-walled structures</i> 44.1 (2006): 115-130.	4	1,50	3,75
3	Performance of ridge and eaves joints in cold-formed steel portal frames	Öztürk, Ferhan, and Selim Pul. "Experimental and numerical study on a full scale apex connection of cold-formed steel portal frames." <i>Thin-Walled Structures</i> 94 (2015): 79-88.	4	1,50	3,75
4	Performance of ridge and eaves joints in cold-formed steel portal frames	Experiments on Long-Span Cold-Formed Steel Single C-Section Portal Frames, November 2019 <i>Journal of Structural Engineering</i> 146(1) Follow Journal DOI: 10.1061/(ASCE)ST.1943-541X.0002487	4	2,53	6,32
5	Monotonic and cyclic performance of joints of cold formed steel portal frames	Wrzesien, A., James Lim, and D. Nethercot. "Optimum joint detail for a general cold-formed steel portal frame." <i>Advances in Structural Engineering</i> 15.9 (2012): 1623-1640.	5		1,60
6	Monotonic and cyclic performance of joints of cold formed steel portal frames	Jackson, Colin, et al. "Effect of reduced joint strength and semi-rigid joints on cold-formed steel portal frames." 6th International Conference on Coupled Instabilities in Metal Structures, CIMS 2012. 2012.	5		1,60
7	Monotonic and cyclic performance of joints of cold formed steel portal frames	Johnston, Ross PD, et al. "Finite-element investigation of cold-formed steel portal frames in fire." <i>Proceedings of the Institution of Civil Engineers-Structures and Buildings</i> 169.1 (2015): 3-19.	5	1,50	3,00
8	Monotonic and cyclic performance of joints of cold formed steel portal frames	Wrzesien, A. M., et al. "Effect of stressed skin action on the behaviour of cold-formed steel portal frames." <i>Engineering Structures</i> 105 (2015): 123-136.	5	1,50	3,00
9	Monotonic and cyclic performance of joints of cold formed steel portal frames	Andrzej M Wrzesien, Krishanu Roy, Zhiyuan Fang, James B.P. Lim. "Tests, modelling and design of cold-formed steel moment resisting joints with bolts in the web and outer flange." <i>Thin Walled Structures</i> , April 2023	5	3,50	7,00
10	Monotonic and cyclic performance of joints of cold formed steel portal frames	Pouya Pouladi, John Ronalson, James Lim, "Finite-element assisted design of eaves joint of cold-formed steel portal frames having single channel-sections" <i>June 2019 Structures</i> 29(3):452-464, DOI: 10.1016/j.jstruc.2019.05.009	5	1,65	3,29
11	Application of component method for bolted cold-formed steel joints	Dubina, Dan, and Viorel Ungureanu. "Behaviour of multi-span cold-formed Z-purlins with bolted lapped connections." <i>Thin-Walled Structures</i> 48.10 (2010): 866-871.	3	1,50	5,00
12	Application of component method for bolted cold-formed steel joints	Öztürk, Ferhan, and Selim Pul. "Experimental and numerical study on a full scale apex connection of cold-formed steel portal frames." <i>Thin-Walled Structures</i> 94 (2015): 79-88.	3	1,50	5,00
13	Application of component method for bolted cold-formed steel joints	Nagy, Zsolt; Gilia, Lucian; Neagu, Calin, EXPERIMENTAL INVESTIGATIONS OF COLD-FORMED JOINTS FOR MULTI-STORY STEEL FRAMED STRUCTURES. PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE Volume: 18 Issue: 3 Pages: 256-264 Published: JUL-SEP 2017	3		2,67
14	Application of component method for bolted cold-formed steel joints	Lee, Yeong Huei; Tan, Cher Siang; Mohammad, Shahrin; et al. Mechanical Properties Prediction for Cold-formed Steel Angle Connection with Various Flange Cleat Thickness, <i>JURNAL TEKNOLOGI</i> Volume: 74 Issue: 4 Special Issue: SI Pages: 51-59 Published: 2015	3		2,67
15	Application of component method for bolted cold-formed steel joints	Lee, Yeong Huei; Tan, Cher Siang; Tahir, Mahmood M.; et al. Influence of Angle Thickness towards Stiffness and Strength Prediction for Cold-Formed Steel Top-Seat Flange Cleat Connection, <i>APPLIED SCIENCE AND PRECISION ENGINEERING INNOVATION, PTS 1 AND 2</i> Book Series: Applied Mechanics and Materials Volume: 479-480 Pages: 1144- Published: 2014	3		2,67
16	Cold-formed steel pitched-roof portal frames of back-to-back plain channel sections and bolted joints	Andrzej M Wrzesien, James B.P. Lim, Yixiang Xu, R.M. Lawson, Effect of stressed skin action on the behaviour of cold-formed steel portal frames, <i>Engineering Structures</i> , DOI: 10.1016/j.engstruct.2015.09.026, 2015	3	1,50	5,00
17	LINDAB Cold-Formed Steel Structures for Small and Medium Size Non-Residential Buildings in Seismic Zones	Andrzej M Wrzesien, James B.P. Lim, Yixiang Xu, R.M. Lawson, Effect of stressed skin action on the behaviour of cold-formed steel portal frames, <i>Engineering Structures</i> , DOI: 10.1016/j.engstruct.2015.09.026, 2015	4	1,50	3,75
18	Cold-formed steel structure for single storey buildings	Andrzej M Wrzesien, James B.P. Lim, Yixiang Xu, R.M. Lawson, Effect of stressed skin action on the behaviour of cold-formed steel portal frames, <i>Engineering Structures</i> , DOI: 10.1016/j.engstruct.2015.09.026, 2015	4	1,50	3,75
19	FE modeling of cold-formed steel bolted joints in pitched-roof portal frames	Bužmys, Žilvinas, and Gintas Saučiūnėnas. "The behavior of cold formed steel steel connections." <i>Engineering Structures and Technologies</i> 5.3 (2013): 113-122.	2		4,00
20	FE modeling of cold-formed steel bolted joints in pitched-roof portal frames	Bužmys, Žilvinas, and Alfonsas Daniūnas. "Analytical and experimental investigation of cold-formed steel beam-to-column bolted gusset-plate joints." <i>Journal of Civil Engineering and Management</i> 21.8 (2015): 1061-1069.	2		4,00
21	Seismic performance of cold-formed steel framed houses	Dubina, Dan. "Structural analysis and design assisted by testing of cold-formed steel structures." <i>Thin-walled structures</i> 46.7 (2008): 741-764.	5	1,50	3,00
22	Seismic performance of cold-formed steel framed houses	Dubina, Dan, Behavior and performance of cold-formed steel-framed houses under seismic action, <i>JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH</i> Volume: 64 Issue: 7-8 Pages: 896-913 Published: JUL-AUG 2008	5	1,50	3,00
23	Seismic performance of cold-formed steel framed houses	Fiorino L. Iorio O Landolfo R, Sheathed cold-formed steel housing: A seismic design procedure, <i>Thin-Walled Structures</i> , vol. 47, issue 8-9 (2009)	5	1,50	3,00
24	Seismic performance of cold-formed steel framed houses	Landolfo, R., L. Fiorino, and O. Iorio. "A specific procedure for seismic design of cold-formed steel housing." <i>Advanced steel construction</i> 6.1 (2010): 603-618.	5		1,60

25	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Schafer, Benjamin W. "Cold formed steel structures around the world." Steel Construction 4.3 (2011): 141-149.	3	-	2,67
26	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Behavior and Design of Cold-Formed Steel Bolted Connections Subjected to Combined Actions, April 2021-Journal of Structural Engineering 147(4):04021013 DOI: 10.1061/(ASCE)ST.1943-541X.0002966	3	2,53	8,43
27	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Sivapathasundaram, Mayooran, and Mahen Mahendran. "Experimental studies of thin-walled steel roof battens subject to pull-through failures." Engineering Structures 113 (2016): 388-406.	3	1,50	5,00
28	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Design and Optimization of Cold-Formed Steel Sections in Bolted Moment Connections Considering Bimoment, Aug 2020, J STRUCT ENG-ASCE	3	2,53	8,43
29	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Experimental Study of Cold-Formed Steel Built-Up Beams, Jul 2020J STRUCT ENG-ASCE	3	2,53	8,43
30	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Improving seismic performance of portal frame structures with steel curved dampers, January 2020, Structures 24(April):27-40 DOI: 10.1016/j.istruc.2019.12.025	3	1,65	5,49
31	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Experimental Behaviour and Modelling of Screwed Connections of High Strength Sheet Steels in Shear, December 2019Thin-Walled Structures DOI: 10.1016/j.tws.2019.106357	3	3,49	11,63
32	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Finite-element assisted design of eaves joint of cold-formed steel portal frames having single channel-sections, June 2019Structures 29:452-464 DOI: 10.1016/j.istruc.2019.05.009	3	1,65	5,50
33	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Local Buckling in Cold-Formed Steel Moment-Resisting Bolted Connections: Behavior, Capacity, and Design, September 2020Journal of Structural Engineering 146(9) DOI: 10.1061/(ASCE)ST.1943-541X.0002730	3	2,53	8,43
34	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	A critical review of cold-formed steel seismic resistant systems: Recent developments, challenges and future directions, Maryam HasanaliKrishanu RoySeyed Mohammad Mojtabaeilman Hajirasouliha, Thin Walled Structures November 2022	3	3,50	11,67
35	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Assessment of High-strength Concrete Encased Steel Composite Columns Subject to Axial Compression, November 2019Journal of Constructional Steel Research 164 DOI: 10.1016/j.jcsr.2019.105765	3	2,65	8,83
36	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Long-term experimental behavior of concrete-encased CFST with pre-load on the inner CFST, April 2019Journal of Constructional Steel Research 155(3):355-369 DOI: 10.1016/j.jcsr.2019.01.001	3	2,65	8,83
37	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Experimental investigation on axial compression behavior of steel reinforced concrete columns with welded stirrups, November 2019Engineering Structures 208(1):109924, DOI: 10.1016/j.engstruct.2019.109924	3	3,10	10,33
38	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Axial compressive performance of RAC-encased RACFST composite columns, May 2020Engineering Structures 210(S):110393 DOI: 10.1016/j.engstruct.2020.110393	3	3,10	10,33
39	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Behavior of concrete columns confined with both steel angles and spiral hoops under axial compression, Volume 27, Number 6, June 25 2018, pages 747-759 DOI: <a href="http://dx.doi.org/10.12989/scs.2018.27.6.747">http://dx.doi.org/10.12989/scs.2018.27.6.747</a>	3	3,90	13,00
40	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	Buckling behaviour of high strength concrete encased steel composite columns, March 2019Journal of Constructional Steel Research 154(9):27-42 DOI: 10.1016/j.jcsr.2018.11.023	3	2,65	8,83
41	SUSTAINABILITY CHALLENGES OF RESIDENTIAL REINFORCED-CONCRETE PANEL BUILDINGS	Wijland, Roel, Paul Hansen, and Fatima Gardezi. "Mobile nudging: Youth engagement with banking apps." Journal of Financial Services Marketing 21.1 (2016): 51-63.	7	-	1,14
42	Stressed skin effect on the elastic buckling of pitched roof portal frames	EXPERIMENTAL FULL-SCALE TESTS ON STEEL PORTAL FRAMES FOR DEVELOPMENT OF DIAPHRAGM ACTION – Part I Experimental results, June 2018Thin-Walled Structures 132, DOI: 10.1016/j.tws.2018.06.001	4	3,49	8,72
43	Stressed skin effect on the elastic buckling of pitched roof portal frames	Experimental full-scale tests on steel portal frames for development of diaphragm action – Part II Effect of structural components on shear flexibility	4	3,49	8,72
44	Stressed skin effect on the elastic buckling of pitched roof portal frames	Static stability analysis of a reticulated shell with a roofing system, DOI: 10.1016/j.engstruct.2019.01.133, April 2019Engineering Structures 185(Suppl):315-331	4	3,1	7,7
45	Stressed skin effect on the elastic buckling of pitched roof portal frames	Improvement of stressed skin design procedure based on experimental and numerical simulations, November 2019 Journal of Constructional Steel Research 168:105874 DOI: 10.1016/j.jcsr.2019.105874	4	2,7	6,6
46	Stressed skin effect on the elastic buckling of pitched roof portal frames	Stressed skin theory and structure cladding interaction: Safety concerns with Big Sheds, December 2021Thin-Walled Structures 169(2):108415, DOI: 10.1016/j.tws.2021.108415	4	3,5	8,7
47	Stressed skin effect on the elastic buckling of pitched roof portal frames	Analysis of Stressed Skin Behaviour of a Steel Façade Frame Under Varying Structural Conditions, Vacev, T., Zorić, A., Ranković, S. et al, Int J Steel Struct 21, 178–201 (2021), <a href="https://doi.org/10.1007/s13296-020-00425-2">https://doi.org/10.1007/s13296-020-00425-2</a>	4	1,5	3,9
48	Local and global stability analysis of CFS structural members with particular shapes using spot welding technology	Behaviour of cold-formed steel built-up I-section columns composed of four U-profiles, Anbarasu, M., Venkatesan, M. Advances in Structural Engineering 22(3), Volume 22, Issue 3, pp. 613-625 (2019), ISSN 13694332 DOI 10.1177/1369433218795568	2	2,44	12,2
49					
50					
51					

Total punctaj A3.1.1.

279,7

2



Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	Application of component method for bolted cold-formed steel joints	Fülöp, Ludovic, and Paul Beaucaire. "Advanced analysis of the performance of steel frames." Espoo: VTT Technical Research Centre of Finland (2009): 43.	3	0,67
2	Application of component method for bolted cold-formed steel joints	Dubina D Ungureanu V Perneş P, Design models for the bolted joints of cold-formed steel pitched roof portal frames, Research and Applications in Structural Engineering, Mechanics and Computation - Proceedings of the 5th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2013 (2013)	3	0,67
3	Application of component method for bolted cold-formed steel joints	Dunai, László. "Innovative steel and composite structures." MTA doktori értekezés, Budapest (2007).	3	0,67
4	Case study: The supporting steel structure of the ice rink - City of Tg. Mures, Romania	Cristutiu I Nunes D Dogariu A, Experimental study on laterally restrained steel columns with variable I cross sections, Steel and Composite Structures, vol. 13, issue 3 (2012)	4	0,50
5	Cold-formed steel structures for residential and non-residential buildings	Corte, G. Della, and L. Florino. "Numerical modeling of thin-walled cold-formed steel C-sections in bending." Advances in Structures: Proceedings of the International Conference on Advances in Structures (ASCCA'03), Sydney, Australia, 22-25 June 2003. Vol. 1. CRC Press, 2003.	5	0,40
6	Cold-formed steel structures for residential and non-residential buildings	Dubina, D., V. Ungureanu, and M. Mutiu. "Sustainable building structures for housing." International Conference on Sustainable Buildings. 2007.	5	0,40
7	Cold-formed steel structures for residential and non-residential buildings	Dubina, D., V. Ungureanu, and M. Mutiu. "Sustainable mixed building technologies applied to residential buildings: some Romanian examples." Sustainability of Constructions Integrated Approach to Life-time Structural Engineering 13.14 (2007).	5	0,40
8	Reconversion of Flat Buildings Administration: New Romanian Business Opportunities	Boros, I., T. Nagy-György, and D. Dan. "Energy efficient school building concept and constructive solutions." International Review of Applied Sciences and Engineering 6.2 (2015): 101-110.	3	0,67
9	ARE WE TOO CAPITALISTS FOR A COMFORTABLE LIFE? BUSINESS MODELS FOR FUTURE AND EXISTING FLAT...	Botici, Alexandru A., et al. "SUSTAINABILITY CHALLENGES OF RESIDENTIAL REINFORCED-CONCRETE PANEL BUILDINGS." Urbanism. Arhitectura. Constructii 5.2 (2014): 83.	3	0,67
10	Reconversion of Flat Buildings Administration: New Romanian Business Opportunities for FLAT BUILDING ADMINISTRATION	Boros, I., T. Nagy-György, and D. Dan. "Energy efficient school building concept and constructive solutions." International Review of Applied Sciences and Engineering 6.2 (2015): 101-110.	3	0,67
11	ADVANCED NONLINEAR INVESTIGATIONS OF A 50 M SPAN FRAME CASE STUDY: THE STEEL STRUCTURE OF THE ICE RINK, CITY OF TARGU-MURES, ROMANIA	Belloni, Edoardo, Edoardo Sabbioni, and Stefano Melzi. "Ice Skating." The Engineering Approach to Winter Sports. Springer New York, 2016. 277-310.	2	1,00
12	ADVANCED NONLINEAR INVESTIGATIONS OF A 50 M SPAN FRAME CASE STUDY: THE STEEL STRUCTURE OF THE ICE RINK, CITY OF TARGU-MURES, ROMANIA	Cristutiu I Nunes D Dogariu A, Experimental study on laterally restrained steel columns with variable I cross sections, Steel and Composite Structures, vol. 13, issue 3 (2012)	2	1,00
13	ADVANCED NONLINEAR INVESTIGATIONS OF A 50 M SPAN FRAME CASE STUDY: THE STEEL STRUCTURE OF THE ICE RINK, CITY OF TARGU-MURES, ROMANIA	Nagy Z Kiss Z Cristutiu M, Local and global stability analysis of a large free span steel roof structure, Civil-Comp Proceedings, vol. 99 (2012)	2	1,00
14	Initial Imperfection influences on the structural behavior of steel portal frames with variable cross sections and some sustainability considerations - Case study	Sucharda D Vasek J Kubosek J, Elastic-plastic calculation of a steel beam by the finite element method, International Journal of Mechanics, vol. 9 (2015)	2	1,00
15	Full-Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	Chan S Liu Y Liu S, Research, theory and practice of second order direct analysis for design of steel and composite structures, Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016 (2016)	3	0,67
16	Cold-formed steel pitched-roof portal frames of back-to-back plain channel sections and bolted joints	Blum H Rasmussen K, Finite element modeling and parametric study of cold-formed steel portal frames, Insights and Innovations in Structural Engineering, Mechanics and Computation - Proceedings of the 6th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2016 (2016)	3	0,67
17	Cold-formed steel pitched-roof portal frames of back-to-back plain channel sections and bolted joints	Blum H Rasmussen K, Experiments on column base stiffness of long-span cold-formed steel portal frames composed of double channels, Wei Wen Yu International Specialty Conference on Cold-Formed Steel Structures 2016 - Recent Research and Developments in Cold-Formed Steel Design and Construction (2016)	3	0,67
18	Performance of ridge and eaves joints in cold-formed steel portal frames	Dubina D Ungureanu V Perneş P, Design models for the bolted joints of cold-formed steel pitched roof portal frames, Research and Applications in Structural Engineering, Mechanics and Computation - Proceedings of the 5th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2013 (2013)	5	0,40
19	Performance of ridge and eaves joints in cold-formed steel portal frames	Nagy Z Perneş P, A parametric study of cold-formed steel bolted joints in pitch-roof portal frames, Civil-Comp Proceedings, vol. 99 (2012)	5	0,40
20	Performance of ridge and eaves joints in cold-formed steel portal frames	Dubina D Ungureanu V Nunes L Nagy Z Perneş P, Imperfections sensitivity analysis of pitched roof cold - Formed steel portal frames, Proceedings of SDSS' Rio 2010: International Colloquium Stability and Ductility of Steel Structures, vol. 2 (2010)	5	0,40

Total punctaj A3.1.3.

12,9

### A3.3.3. Membru in colectivele de redactie

Nr.	Membru in colectivele de redactie	Punctaj
1	Membru redactie Revista AICPS REVIEW	
2		
3		
4		
5		
6		
7		
8		
9		
10		

Total punctaj A3.3.3.

0

### 3.4.1 Experienta de management -

Nr.	Anul	Funcție de conducere	Ani	Punctaj
1	2019-2021	Director Certificare AICPS	2	10
2	2021	Presedinte comisie atestare experti A2	1	5
3				
4				
5				

Total punctaj A3.4.1.

15

### 3.4.2. Experienta de management - Membru organisme conducere

Nr.	Anul	Funcție de conducere	Ani	Punctaj
1	2011-2015	Membru consiliu facultatii	4	8
2	2015-2021	Membru senat	8	16
3				
4				
5				

Total punctaj A3.4.2.

24

**A2.1. Articole în reviste ISI Thomson Reuters și în volume indexate ISI Proceedings.**

(Vezi lista generata WoS)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. Autori	Punctaj
1	Nagy, Zs; L. Gîlia; C. Neagu	Experimental investigations of cold-formed joints for multi-storey steel framed structures	1,623	3	19,15
2	Nagy, Zs; Bacs, B. ; Kelemen A. ; Sanduly, A.; Nagy O. ; Barnabas L.	Rafter-purlin connection stiffness impact on the stress skin effect of corrugated sheet claddings <a href="https://doi.org/10.1016/j.tws.2023.110615">https://doi.org/10.1016/j.tws.2023.110615</a>	5,881	6	23,77
3	G. Taranu, V. Ungureanu, Nagy, Zs; M. Stratulat, I. O. Toma, S. G. Luca	Shake table test and numerical analyses of a thin-walled Cold-Formed Steel structure: Part 1—Investigation of the structural skeleton without claddings, <a href="https://doi.org/10.1016/j.tws.2022.110258">https://doi.org/10.1016/j.tws.2022.110258</a>	5,881	6	23,77
4	Nagy, Zs; Kelemen. A, Nedelcu M	The influence on portal frame buckling of different cladding systems—A comparative numerical study considering stressed skin effect, <a href="https://doi.org/10.1016/j.tws.2022.110310">https://doi.org/10.1016/j.tws.2022.110310</a>	5,881	3	47,54
5	Nagy, Zs; Pop, A; Moiş, I; Ballok, R;	STRESSED SKIN EFFECT ON THE ELASTIC BUCKLING OF PITCHED ROOF PORTAL FRAMES	0	4	6,25
6	D. Dubina, V. Ungureanu, A. Stratán, Zs. Nagy,	FULL – SCALE TESTS ON COLD-FORMED STEEL PITCHED-ROOF PORTAL FRAMES WITH BOLTED JOINTS, Advanced Steel Construction Vol. 5, No. 2, pp. 175-194 (2009) , calculat cu factor de impact 0	0	4	6,25
7	Nagy, Zs., Stratán, A., Dubina, D.	"Application of component method for bolted cold-formed steel joints". Proc. of the Int. Conf. on Metal Structures ICMS 2006 "Steel – a new and traditional material for building", Poiana Brasov, September 20-22, 2006 p. 207-215, ISI: 000242847900022, calculat cu factor de impact 0	0	3	8,33
8	Dubina, D., Fulop, L., Aldea, A., Demeteriu, S., Nagy, Zs	Seismic performance of Cold-formed Steel Framed Houses, Proceedings 5 th International Conference on Behaviour of Steel Structures in seismic areas - STESSA 2006, 14-17 August 2006, Yokohama, Japan, Taylor&Francis / Balkema, London, 2006, (Eds. F.M. Mazzolani, A. Wada), pp. 429-435, ISI: 000242847900062, calculat cu factor de impact 0	0	5	5,00
9	Campian, Cristina; Nagy, Zsolt; Pop, Maria;	Behavior of Fully Encased Steel-concrete Composite Columns Subjected to Monotonic and Cyclic Loading	0	3	8,33
10	Zs. Nagy, I.M. Cristuțiu, Nunes, L.	Seismic behaviour of a large span welded steel structure considering lateral restraints and initial imperfections: a case study, Proceedings of 7th International Conference - BEHAVIOUR OF STEEL STRUCTURES IN SEISMIC AREAS – STESSA 2012, Santiago Chile, CRC Press/Balkema, ISBN: 9780415621052 pp. 479-484 , calculat cu factor de impact 0	0	3	8,33
11	Zsolt, Nagy; Ludovic, Fülöp; Asko, Talja;	Reconversion of Flat Buildings Administration: New Romanian Business Opportunities	0	3	8,33
12	Zs. Nagy, I.M. Cristuțiu	Required performance level of an existing building for overroofing, Proceedings of The second International Conference on Structures & Architecture – ICESA2013, Guimaraes, Portugal, (2013)	0	2	12,50
13	Zs. Nagy, I.M. Cristuțiu	Reconversion process of an old building into a modern commercial centre, Proceedings of The second International Conference on Structures & Architecture – ICESA2013, Guimaraes, Portugal, (2013)	0	2	12,50
14	Nagy, Zs; Câmpian, C; Cristuțiu, M; Benke, I;	Case study: The supporting steel structure of the ice rink—city of Tg. Mureș, Romania, Proceedings of The 1-st International Conference on Structures & Architecture – ICESA2010, Guimaraes, Portugal, pp. 167-168 (2010)	0	4	6,25
15	Dubina, D; Fülöp, L; Ungureanu, V; Szabo, I; Nagy, Zs;	Cold-formed steel structures for residential and non-residential buildings	0	5	5,00
16	Georgescu, M; Lengyel, T; Nagy, Zs; Dubina, D;	INFLUENCE OF COLUMN-BASE. PERFORMANCE ON THE BEHAVIOUR OF PITCHED ROOF PORTAL FRAMES	0	4	6,25
17	Nagy, Z., Nedelcu, M., Dező, A.	Stabilization effect on portal frames given by stressed skin action of sandwich panels	0	3	8,33
18	Nagy, Z., Dező, A., Mureșan, A.A.	Parametric study of cold formed steel joints using the component method	0	3	8,33
19	Nagy, Z., Mureșan, A.A., Fodor R.	Experimental Investigations for Joints Made by Cold-Formed Sigma Profiles	0	3	8,33
20	Nagy, Z., Ballok R. , Dező, A.,	FEM investigation of cold-formed joints for multi-storey steel frames	0	3	8,33
21	Nagy, Z., Gîlia L., Ballok R. ,	Romanian application of cold-formed steel beams with screwed corrugated webs	0	3	8,33
22					
23					

Total punctaj A2.1.

249,2