MD 11326/28.06.2021

CȘD-CD

DECLARAȚIE DE DEPUNERE A CANDIDATURII PENTRU FUNCȚIA DE MEMBRU AL CONSILIULUI ȘCOLII DOCTORALE AL INSTITUȚIEI ORGANIZATOARE DE STUDII UNIVERSITARE DE DOCTORAT UNIVERSITATEA POLITEHNICA TIMIŞOARA

Subsemnatul, Prof.dr.ing. Florea DINU, prin prezenta îmi depun candidatura pentru funcția de membru al Consiliului Școlii Doctorale al instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timişoara.

Anexez următoarele documente, în conformitate cu art. 20 al Regulamentului instituțional de organizare şi desfăşurare a alegerilor pentru structurile organizatorice şi funcțiile de conducere ale studiilor universitare de doctorat la nivelul instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timişoara:

- Curriculum vitae;
  (1) Autoevaluarea cu privire la îndeplinirea standardelor minimale şi obligatorii pentru acordarea atestatului de abilitare, în vigoare, aprobate prin ordin al ministrului educației, cercetării, tineretului şi sportului, potrivit art. 219 alin. lit. a) din Legea nr. 1/2011;

Data

28 Iunie 2021

Florea Dinu

CONTACT

EXPERIENȚA PROFESIONALĂ

2014 – ÎN CURS – Timisoara, România

Profesor

Universitatea Politehnica Timisoara

Cursuri licenta: Constructii metalice II; Structuri metalice; Constructii metalice speciale

Cursuri master: Robustetea structurilor la actiuni extreme; Actiuni speciale; Reabilitarea structurilor

2007 – 2014 – Timisoara, România

Conferentiar

Universitatea Politehnica Timisoara

2005 – 2007 – Timisoara, România

Sef lucrari

Universitatea Politehnica Timisoara

2021 – ÎN CURS – Timisoara, România

Cercetator Stiintific I

Academia Romana, Filiala Timisoara, Centrul de Cercetari Tehnice, Fundamentale si Avansate

Domenii de cercetare:

- Stabilitatea structurilor metalice
- Structuri pentru cladiri inalte
- Comportarea structurilor in zone seismice
- Imbinari pentru contructii metalice
- Robustetea structurilor pentru cladiri

1994 – 2021 – Timisoara, România

Cercetator

Academia Romana, Filiala Timisoara, Centrul de Cercetari Tehnice, Fundamentale si Avansate CCTFA

Domenii:

- Stabilitatea structurilor metalice
- Structuri pentru cladiri inalte
- Comportarea structurilor in zone seismice
- Imbinari pentru contructii metalice
- Robustetea structurilor pentru cladiri

1998 – 2012 – Timisoara

Proiectant, Sef proiect rezistenta

BRITT SRL

- Proiectare cladiri industriale, comerciale, cladiri de locuinte
- Proiectare lucrari de reabilitare structuri
- Expertizare structuri pentru cladiri, structuri speciale din otel

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

2015 – ÎN CURS – Ioan Curea 1, Timisoara, România

Conducator de doctorat - Inginerie Civila si Instalatii
Universitatea Politehnica Timisoara

Domeniul (domeniile) de studiu
- Domeniul de doctorat: Inginerie Civila si Instalatii

2014 – Ioan Curea 1, Timisoara, România

Teza de abilitare - Contributii la studiul comportarii structurilor supuse la actiuni extreme
Universitatea Politehnica Timisoara

Domeniul (domeniile) de studiu
- Titlul tezei: Contributii la studiul comportarii structurilor supuse la actiuni extreme

2004 – Ioan Curea 1, Timisoara, România

Titlul de doctor
Universitatea Politehnica Timisoara

1994 – 1995 – Ioan Curea 1, Timisoara

Diploma de master
Universitatea Politehnica Timisoara

1989 – 1994 – Ioan Curea 1, Timisoara, România

Diploma de licenta
Universitatea Politehnica Timisoara

1983 – 1987 – Str. Basarabilor, nr. 33, Slatina, România

Diploma de bacalaureat
Liceul de matematica-fizica Ion Minulescu

2002 – Athens, Grecia

Instructor, Programul Strucad
CCS Ltd

1999 – Miercurea Ciuc , România

Programul Tekla
Consoft

1999 – Udine, Italia

Curs postuniversitar de specializare
Centrul International de Stiinte Mecanice CISM

COMPETENȚE LINGVISTICE

LIMBĂ(I) MATERNĂ(E): română

ALTĂ LIMBĂ (ALTE LIMBI):

engleză

Comprehensiune orală	Citit	Exprimare scrisă	Conversație	Scris
C2	C2	C2	C2	C2

COMPETENȚE DE COMUNICARE ȘI INTERPERSONALE

Comunicare si relatii interpersonale

Abilitati de comunicare (lingvistica, pedagogica)

Capacitate de interactiune

Prezentari publice, cursuri/prezentari online

COMPETENȚE DE MANAGEMENT ȘI CONDUCERE

Capacitate de conducere / coordonare

- Coordonator: Grant national “Criterii de precalificare a îmbinărilor ductile ale cadrelor metalice necontravantuite”, MEC, Grant CNCSIS, 2005-2006.
- Coordonator: Grant national "Conceptia structurala si proiectarea pe baza controlului mecanismului de cedare a structurilor multetajate supuse la actiuni accidentale CODEC, PNII-PT-PCCA 55/21012, 2012-2016.
- Coordonator: Grant national "Validarea experimentala a raspunsului unei cladiri in cadre supusa actiunii exploziilor" FRAMEBLAST, PN-III-P2-2.1-PED-2016-0962, 2017-2018.
- Coordonator: Grant national "Siguranța la explozie a pereților de închidere ai clădirilor" SAFEWALL, PN-III-P2-2.1-PED-2019-1765, contract nr. 279PED/2020-2022.
- Resposabil activitati in proiecte nationale si europene: COPERNICUS- RECOS, HSS-SERF, CEEX MATNANTECH, FP7 SERIE “DUAREM, RFCS DiSTEEL, FAILNOMORE.
- Membru in Comitetul Managerial COST C26 “Urban Habitat Constructions under Catastrophic Events”, 2005-2010.
- Membru in Comitetul Managerial COST C12 “Improvement of buildings structural quality by new technologies”, 1999-2004.
- Organizare manifestari stiintifice nationale si internationale:
- Colocviul international Stabiltatea si Ductilitatea Structurilor din Otel SDSS 1999, Timisoara, Romania.
- Conferinta Internationala de Structuri Metalice, Poiana Brasov, Romania, 2006.
- Conferinta Internationala de Structuri cu Pereti subtiri ICTWS 2011, Timisoara, Romania.
- Workshopul International Imbinari in Structuri din Otel, Timisoara, Romania, 2012.
- Colocviul international Stabiltatea si Ductilitatea Structurilor din Otel SDSS 2016, Timisoara, Romania.
- Lector invitat:
- SUSCOS Erasmus Mundus Master Course “Sustainable Constructions under natural hazards and catastrophic events”, 2012-2016.
- Training School for Early Stage researchers, Cost C25&Cost C26, 2010.
- Turkish Association for Constructional Steelwork TUKSA, 2009
- Participare la peste 50 de manifestari stiintifice nationale si internationale.

REȚELE ȘI AFILIERI

- **Asociatia Generala a Inginerilor din Romania, AGIR**
- **ECCS - Comitetul Tehnic TC13 (Seismic Design) al Conventiei Europene de Constructil Metalice ECCS**
- **International Association for Life-Cycle Civil Engineering IALCCE**
- **Asociația Inginerilor Constructori Proiectanți de Structuri AICPS**
- **Asociatia Romana in Domeniul Explozivilor si Ingineriei Impuscarilor, ARDE**
- **Reviewer:**

  Journal of Structural Engineering-ASCE; Journal of Structure and Infrastructure Engineering, Journal of Engineering Structures; Journal of Maintenance, Management, Life-Cycle Design and Performance, Bulletin of Earthquake Engineering; Steel and Composite Structures; Thin-Walled Structures; Journal of Constructional Steel Research; Asian Journal of Civil Engineering; Structures (The Institution of Structural Engineers)
- **CEN/TC 250/WG 6/Robustness**
- **ASRO/CT 343 Bazele proiectării şi Eurocoduri pentru structuri:**
  - GL3: Eurocod 3: Proiectarea structurilor de oţel
  - GL8: Eurocod 8: Proiectarea structurilor pentru rezistenţa la cutremur
  - GL 12: Evaluări şi consolidări
  - GL 14: Robusteţe

COMISII/COMITETE TEHNICE

- **Comisii de Doctorat, Comisii de Abilitare**
- **Comisii pentru elaborare norme, ghiduri, exemple de calcul:**
  - Proiectarea structurilor rezistente la actiuni seismice: Partea 1: reguli generale, actiuni seismice si reguli pentru cladiri. Anexa nationala de aplicare a Eurocodului EN 1998 – 1: 2004.
  - Proiectarea structurilor rezistente la actiuni seismice: Partea 1: reguli generale, actiuni seismice si reguli pentru cladiri. Anexa nationala de aplicare a Eurocodului EN 1998 – 1: 2004.
  - Colaborare la P100/1. Cod de proiectare seismică a clădirilor. Vol. 2. Comentarii şi exemple de calcul.
  - Colaborare la P100/3. Cod de evaluare şi proiectare a lucrărilor de consolidare la clădiri existente vulnerabile seismic. Vol. 1 - Evaluare. Vol. 2 – Consolidare.
  - Adoptare prin traducere a urmatoarelor standarde europene: EN 1993-1-3:2006, EN 1993-1-7: 2006, EN 1993-1-5: 2006, EN 1993-1-6: 2006, EN 1993-1-12: 2006.
  - Calculul structural global al structurilor metalice in conformitate cu SR EN 1993-1-1 si SR EN 1998-1. Recomandari, comentarii si exemple de aplicare.
  - Verificarea la stabilitate a elementelor structurale din otel în conformitate cu SR EN 1993-1-1. Recomandari de calcul, comentarii si exemple de aplicare.

COMPETENȚE DIGITALE

Utilizarea de programe de calcul si proiectare a constructiilor / Utilizare a programelor de comunicare(Mail, Google Meet, Zoom, Skype) / Navigare Internet / Utilizare Mail(Yahoo Mail, Gmail) / Bună stăpânire a instrumentelor Microsoft Office (Word, Excel, Power Point) / Tekla Structures 2019 - advanced user / Extreme loading for Structures ELS

ALTE COMPETENTE

- **Activitati de proiectare, expertizare, lucrari de consolidare in constructii**
- **Activitati de consultanta tehnica in constructii**
- **Dirigentie de santier pentru domeniile:**
  - Consolidare şi restaurare monumente istorice
  - Constructii civile, industriale si agricole
  - Constructii edilitare si gospodarie comunala - inginerie civila

PERMIS DE CONDUCERE

- **Permis de conducere:** B

DISTINCȚII ONORIFICE ȘI PREMII

- **Premii/distinctii nationale si internationale**
  -
  - Premiul special acordat de Asociatia Inginerilor Proiectanti de Structuri AICPS, 2010.
  - Premiul 1 acordat de Asociatia Inginerilor Proiectanti de Structuri AICPS, 2007.
  - Premiul 1 acordat de Asociatia Inginerilor Proiectanti de Structuri AICPS, 2005.
  - Premiul 1 acordat de Asociatia Inginerilor Proiectanti de Structuri AICPS, 2004.
  - Premiul Conventiei Europene de Constructii Metalice ECCS Steel Design Award 2007.
  - Premiul Conventiei Europene de Constructii Metalice ECCS Steel Design Award 2003.

PUBLICAȚII

(Selectiv)

- Dubina, D., Zaharia, R., Georgescu, M., Dinu, F., Olar, Gh., Nagy, Z., Some particular problems regarding the use of light steel single-storey industrial structures in Romania, Journal of Constructional Steel Research 46 (1-3), pp. 331-334, 1998.
- Vayas, I., Sophocleous, A., Dinu, F., Fatigue analysis of moment resisting steel frames, Journal of Earthquake Engineering 7 (4), pp. 635-654, 2003.
- D. Grecea, F. Dinu, D. Dubina: Performance criteria for MR steel frames in seismic zones, Journal of Constr. Steel Research, Vol. 60, 2004, 739-749 Elsevier Science, U.K.
- D. Dubina, F. Dinu , A. Stratan, Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness, Steel Construction, Volume 3, Issue 1, pages 14–18, March 2010, Article first published online: 18 MAR 2010, DOI: 10.1002/stco.201010003.
- Dubina, D., Stratan, A., Dinu, F., Dual high-strength steel eccentrically braced frames with removable links, Earthquake Engineering and Structural Dynamics 37 (15), pp. 1703-1720, 2008
- D. Dubina, A. Stratan, F. Dinu, Re-centring capacity of dual-steel frames, Steel Construction, Volume 4, Issue 2, pages 73–84, June 2011, Article first published online: 17 JUN 2011, DOI:10.1002/stco.201110011.
- Dubina Dan, Dinu Florea, Experimental evaluation of dual frame structures with thin-walled, steel panels, Thin-walled structures, 78, 2014.
- F. Dinu, Dubina Dan, Ioan Marginean, Improving the structural robustness of multi-story steel-frame buildings, Structure and Infrastructure Engineering, DOI: 10.1080/15732479.2014.927509, Volume 11, Issue 8, August 2015, pages 1028-1041.
- Florea Dinu, Ioan Marginean, Dan Dubina, Ioan Petran, Experimental testing and numerical analysis of 3D steel frame system under column loss, Engineering Structures, Volume 113, 15 April 2016, Pages 59–70.
- Dinu Florea, Marginean Ioan, Dubina Dan, Experimental testing and numerical modelling of steel moment-frame connections under column loss, Engineering Structure, 151, 2017.
- I. Marginean, F. Dinu, and D. Dubina, “Simulation of the dynamic response of steel moment frames following sudden column loss. Experimental calibration of the numerical model and application,” Steel Constr.-Des. Res., vol. 11, no. 1, pp. 57–64, Feb. 2018.
- G. A. Anwar, F. Dinu, and M. Ahmed, “Numerical Study on Ultimate Deformation and Resistance Capacity of Bolted T-Stub Connection,” Int. J. Steel Struct., vol. 19, no. 3, pp. 970–977, Jun. 2019.
- D. Dubina, I. Marginean, and F. Dinu, “Impact modelling for progressive collapse assessment of selective rack systems,” Thin-Walled Struct., vol. 143, p. UNSP 106201, Oct. 2019.
- D. Dubina, F. Dinu, A. Stratan, High-strength steel and dissipative fuse solutions for seismic-resistant building structures Steel Constr.-Des. Res, 13 (3), pp. 154-164, DOI: 10.1002/stco.202000028, 2020.

Iunie, 2021

Universitatea Politehnica Timisoara

Candidat	Prof.dr.ing. Florea Dinu
Standarde minimale:	ORDIN nr. 6129 din 20 decembrie 2016 privind aprobarea standardelor minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învăţământul superior, a gradelor profesionale de cercetare-dezvoltare, a calităţii de conducător de doctorat şi a atestatului de abilitare
Comisia	INGINERIE CIVILA SI MANAGEMENT

Comisia INGINERIE CIVILA SI MANAGEMENT

Prof.dr.ing. Florea Dinu

Centralizator Standarde minimale - ORDIN nr. 6129 din 20 decembrie 2016

1. Structura activităţii candidatului								Activitate candidat	
Nr. crt.	**Domeniul activităţilor**	**Tipul activitatilor**	**Categorie si restrictii**	**Subcategorii**		**Indicatori (kpi)**	**Criterii minime necesare (PROFESOR)**	**Numar realizat**	**Suma indicatori realizati**
0	**1**	**2**	**3**	**4**		**5**	**6**	**7**	**8**
1	Activitatea didacica si profesionala (A1)	1.1 Cărţi, cursuri universitare şi capitole în cărţi de specialitate	1.1.1. Cărţi, cursuri universitare/capitole ca autor; pentru Profesor/CS I minim 2, Conferenţiar/CS II minim 1	1.1.1.1	internationale	nr. pagini/(2*nr. autori)		6	41.74
				1.1.1.2	nationale	nr. pagini/(5*nr. autori)		11	93.20
			1.1.2 Cărţi, cursuri universitare/capitole de cărţi ca editor/coordonator	1.1.2.1	internationale	nr. pagini/(3*nr. autori)		0	0.00
				1.1.2.2	nationale	nr. pagini/(7*nr. autori)		0	0.00
		1.2 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, Erasmus, Socrates, Leonardo, sa)	Punctaj unic, egal cu unitatea, pentru fiecare activitate (maxim 10 activităţi pentru Profesor/CS I; maxim 5 activităţi pentru Conferenţiar/CS II)			Maxim 10 pentru Profesor/CS I Maxim 5 pentru Conferenţiar/CS II		4	4.00
							Σ kpi ≥ 70		**138.94**
2	Activitatea de cercetare (A2)	2.1 Articole in reviste cotate* ISI Thomson Reuters si in volume indexate ISI proceedings *Factorul de Impact (FI) al revistei este cel din anul publicării articolului	Minim 8 articole pentru Profesor/CSI - dintre acestea minim 2 trebuie să fie în reviste cu FI > 1 şi minim 2 în reviste cu FI > 0,5.			(25+20 * factor impact) / nr.de aut		44	478.98
			Minim 5 articole pentru Conf./CSII - dintre acestea minim 2 trebuie să fie în reviste cu FI > 0,5.			(25+20 * factor impact) / nr.de aut			
		2.2 Articole în reviste şi volumele unor manifestări stiintifice indexate in alte baze de date internationale (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 Web of Science este echivalentă cu o lucrare indexată în baze de date internaţionale. ** Bazele de date considerate sunt: Scopus, Wiley, Springer, Science	Minim 12 articole pentru Profesor/CSI			20 / nr.de autori		26	142.19
			Minim 8 articole pentru Conf./CSII			20 / nr.de autori			
		2.3 Brevete de invenţie înregistrate la OSIM sau WIPO		2.3.1 Cotate ISI		50 / nr.de autori		0	0
				2.3.2 Internationale, necotate ISI		35 / nr. de autori		0	0
				2.3.3 Nationale		25 / nr. de autori		0	0
		2.4 Granturi/Proiecte* câştigate prin competiţiile ce finanţează activităţi de cercetare. *Prin grant/proiect de cercetare câştigat prin competiţie se înţelege că trebuie să fie atrase simultan fonduri pentru: cheltuieli de personal, cheltuieli de capital, cheltuieli cu logistică (obiecte de mică valoare şi consumabile), deplasări şi regia universităţii.	2.4.1 Director (pentru instituţia coordonatoare)/responsabil (pentru instituţia parteneră) Minim 2 pentru Profesor/CS I; Minim 1 pentru Conferenţiar/CS II	2.4.1.1	internationale	20* ani de desfasurare		0	0
				2.4.1.2	nationale	10 * ani de desfasurare		7	190
			2.4.2 Membru in echipa de implementare a grantului	2.4.2.1	internationale	10 * ani de desfasurare		8	260
				2.4.2.2	nationale	5 * ani de desfasurare		5	75
		2.5 Responsabil de proiecte de cercetare/consultanţă (fiecare proiect considerat la calculul punctajului trebuie să fie în valoare de minim 50000 lei pentru instituţia la care				5/proiect		1	5
							Σ kpi ≥ 300		**1151.17**
3	Recunoasterea si impactul activitatii (A3)	3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (Nu se iau în considerare citările provenind din articole care au ca autor sau coautor candidatul (autocitările)) (FI este factorul de impact al revistei în care se citează publicaţia candidatului/candidatei)		3.1.1	Articole în reviste cotate ISI	10*FI / nr aut		148	1346.69
				3.1.2	Articole în volumele unor manifestări ştiinţifice indexate	2.5 / nr aut		4	2.71
				3.1.3	Articole în reviste indexate BDI	2.0 / nr aut		37	25.67
				3.1.4	Articole în volumele unor manifestări ştiinţifice indexate	1 / nr aut		20	13.33
		3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale (keynote-speaker) şi Profesor invitat pentru a susţine module de curs/prelegeri (exclusiv ERASMUS)		3.2.1	internationale	10		2	20.00
				3.2.2	nationale	5		0	0.00
		3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice. Recenzor pentru reviste si manifestari stiintifice	Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru profesor)	3.3.1	ISI	10		0	0.00
				3.3.2	BDI	6		0	0.00
				3.3.3	Membru în comitete ştiinţifice, organizator sau recenzor pentru manifestări ştiinţifice	4		4	4.00
		3.4 Experienta de management universitar sau de cercetar		3.4.1	Functii de conducere (rector, prorector, cancelar, decan, prodecan, dir. Dept, director scoala doctorala, director, director adj., sef sectie)	5*nr.ani		0	0.00
				3.4.2	Membru in organisme conducere (senat, consiliu facultate, consiliu departament, cons administratie, consiliu stiintific)	2*nr.ani		3	28.00
							Σ kpi ≥ 80		**1440.40**
Indicatorul de merit (A = A1+A2+A3)						**Σ k1i + Σ k2i + Σ k3i**	**≥ 450**		**2730.51**

1.1 Cărţi, cursuri universitare şi capitole în cărţi de specialitate

1.1.1.1 Internationale

Nr. Crt	Autori	Titlul cartii	Editura	Anul	ISBN şi / sau ISSN	Nr pagini	Nr autori	Indicator realizat
								41.7
1	Dan Dubina, Aurel Stratan, Adrian Ciutina, Dinu Florea	Moment Resistant Connections of Steel Building Frames in Seismic Areas	E & FN Spon, London	2000	ISBN 0-415-23577-4	40	4	5.0
2	Dinu Florea	Vulnerability and damageability of constructions under impact and explosion", COST Action Final Report – Urban Habitat Constructions under Catastrophic Events	2010 Taylor & Francis Group, London	2010	ISBN: 978-0-415-60686-8	40	1	20.0
3	Dan Dubina, Dinu Florea, Daniel Grecea	ESDEP WG14: Structural systems: Buildings Lecture 14.13: Design of Multi-Storey Frames with Partial Srength and Semi-Rigid Connections	WIVISS Wider Vocational Initiative in Structural Steelwork, The Steel Construction Institute, 1997	1997	pe suport magnetic-CD (http://www.sci.com)	24	3	4.0

1.1 Cărţi, cursuri universitare şi capitole în cărţi de specialitate

1.1.1.2 Nationale

Nr. Crt	Autori	Titlul cartii	Editura	ISBN si / sau	Anul	Nr pagini	Nr autori	Indicator realizat
								93.2
1	Dinu Florea, Daniel Grecea	Construcţii amplasate în zone cu mişcări seismice puternice	Orizonturi Universitare, Timisoara	ISBN 973-8391-90-3 -	2003	480	9	10.7
2	Dinu Florea, Daniel Grecea	"Calculul structurilor metalice - Design of Steel Structures, Eurocode3, Exemple de calcul - Worked Examples, Chapt.10"	Ed. Bridgeman Ltd. Timişoara, Romania	ISBN 973-8391-90-3 -	1997	30	2	3.0
3	D.Dubina, M.Georgescu, Dinu Florea, R.Zaharia	"New Technologies and Structures in Civil Engineering, Case studies on Remarkable Constructions"	Ed. Orizonturi Universitare Timişoara	ISBN 973-9400-40-X,	1999	40	4	2.0
4	Dinu Florea	Metode de calcul neliniar al structurilor in cadre metalice solicitate la acţiunea seismica	Ed. Orizonturi Universitare, 200 pg	ISBN 10 – 973 – 638 – 282 - 6	2006	200	1	40.0
5	D. Dubina, D. Grecea, M. Georgescu, R. Zaharia, A. Stratan, V. Ungureanu, F. Dinu, A. Fulop, A. Ciutina, I. Szabo, M. Cristutiu	Ghid privind proiectarea halelor uşoare cu structură metalică– GP 078-03	Buletinul Construcţiilor Vol. 16/2004	1222-1295	2004	214	11	3.9
6	Dinu Florea	Normativ privind prescripţiile generale de proiectare. Verificarea prin calcul a elementelor de construcţii metalice şi a îmbinărilor acestora – NP 042-2000	Buletinul Construcţiilor	Buletinul Construcţiilor vol. 19-20/2001, pag. 103-339	2001	25	1	5.0

7	Dan Dubina, Dinu Florea, Aurel Stratan	Reglementare tehnica: „Cod de proiectare seismica - Partea I – Prevederi de proiectare pentru cladiri”, indicativ P 100 - 1/2013	Editura URBAN INCERC	ISSN 1221-2709 - tipărit, 2247-0328 - on-line	2013	29	3	1.9
8	Dan Dubina, Dinu F., Vacareanu R.	Istoria Constructiilor, in Istoria Tehnicii si Industriei Romanesti, Vol. 1. : Istoria mecanicii, a tehnicilor de prelucrare şi a construcţiilor	Ed. Academiei Romane	ISBN 978-973-27-3054-6	2019	165	3	11.0
9	Dan Dubina, Florea Dinu, Aurel Stratan, Norin Filip-Văcărescu	"Calculul structural global al structurilor metalice. Recomandări, comentarii și exemple de aplicare în conformitate cu SR EN 1993-1-1 si SR EN 1998-1"	Buletinul Construcțiilor, nr. 7/2014	ISSN 1222-1295	2014	201	4	10.1
10	Chesoan, A., Stratan A., Dubina D., Neagu C., Dinu Florea	Cadre duale cu elemente disipative demontabile. Recomandări de proiectare. Dubina, D. & Stratan, A. (eds.), Timișoara: Editura Orizonturi Universitare, 97 p	Timișoara: Editura Orizonturi Universitare		2017	97	5	3.9
11	Stratan A., Zub C., Dogariu A., Dinu Florea, Dubina D., Voica T.-F., Ganea M.-A., Marcu A.-D., Coman M., Badea L.-C.	Recomandări de proiectare pentru cadre cu contravântuiri cu flambaj împiedicat, Coordonator: Aurel Stratan	Editura Orizonturi Universitare Timişoara, 98 p	ISBN 978-973-638-626-8.	2017	98	11	1.8

1.2 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, Erasmus, Socrates, Leonardo, s

Nr. Crt	Programul	Facultatea/ Departamentul prin care s-a implementat	Indicator realizat
			4
1	Coordonator acord cooperare Acecad, UK, training certificat pentru proiectare asistata III, IV ICE	Facultatea de Constructii/ CMMC	1
2	Organizare curs international IACES, 2010	Facultatea de Constructii/ CMMC	1
3	Școală vara International Association of Civil Engineering Students IACES, 13-19 noiembrie, 2016, Timisoara, Romania	Susținere curs/modul training	1
4	Erasmus	CMMC/Univ of Chieti Pescara, Italia	1

2.1 Articole in reviste cotate* ISI Thomson Reuters si in volume indexate ISI proceedings

Nr. Crt	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Factor de impact	Nr autori
1	D Dubina, R Zaharia, M Georgescu, Dinu Florea, Gh Olar, Z Nagy	Some particular problems regarding the use of light steel single-storey industrial structures in Romania	Journal of Constructional Steel Research - J CONSTR STEEL RES	1998	46(1)	1.328	6
2	Dubina Dan, Stratan Aurel, Dinu Florea	Dual high-strength steel eccentrically braced frames with removable links	Earthquake Engineering and Structural Dynamics	2008	vol. 37, no. 15	1.898	3
3	Daniel Grecea, Dinu Florea, Dan Dubina	Performance criteria for MR steel frames in seismic zones	Journal of Constructional Steel Research	2004	01/2004; 60(3)	1.328	3
4	I. Vayas, A. Sophocleous, Dinu Florea	Fatigue analysis of MR steel frames	JOURNAL OF EARTHQUAKE ENGINEERING	2003	7 (4)	0.59	3
5	Dinu Florea, Dan Dubina	Experimental evaluation of dual frame structures with thin-walled steel panels	Thin walled structures	2014	78/2014	4.033	2
6	Dinu Florea, Dan Dubina, Ioan Marginean	Improving the structural robustness of multi-story steel-frame buildings	Structure and Infrastructure Engineering	2015	11(8)	1.11	3
7	Dinu Florea, Dan Dubina, Ioan Marginean, Ioan Petran	Experimental testing and numerical analysis of 3D steel frame system under column loss	Engineering Structures	2016	113	2.258	4
8	Dinu Florea, Marginean Ioan, Dubina Dan	Experimental testing and numerical modelling of steel moment-frame connections under column loss	Engineering Structure	2017	151	2.755	3
9	Dinu Florea, Ioan Marginean, Dan Dubina, Attila Kovacs, Emilian Ghicioi	Experimental testing and numerical modeling of steel frames under close-in detonations	Procedia Engineering	2017	210		5
10	Marginean, Ioan; Dinu, Florea; Dubina, Dan	Simulation of the dynamic response of steel moment frames following sudden column loss. Experimental calibration of the numerical model and application	STEEL CONSTRUCTION-DESIGN AND RESEARCH	2018	Vol. 11, Issue: 1		3
11	Ghazanfar Ali Anwar, Dinu Florea, Munir Ahmed	Numerical Study on Ultimate Deformation and Resistance Capacity of Bolted T-Stub Connection	International Journal of steel structures	2019	19	0.878	3

12	Dubina Dan, Marginean Ioan, Dinu Florea	Impact modelling for progressive collapse assessment of selective rack systems	THIN-WALLED STRUCTURES, Vol. 143, DOI: 10.1016/j.tws.2019.106201	2019	143	4.033	3
13	Dubina, D; Dinu, F; Zaharia, R; Ungureanu, V; Grecea, D	Opportunity and effectiveness of using High strength steel in seismic resistant building frames	International Conference on Metal Structures, Poiana Brasov, Romania	2006	20-22.09		5
14	Dubina D., Dinu Florea, Neagu Calin	Global performance of steel frames of shear walls	7th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA), Santiago, CHILE	2012	9-11.01		3
15	Dinu Florea, Dubina D.	Robustness based design of steel building frames under extreme loads	7th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA), Santiago, CHILE	2012	9-11.01		2
16	Dinu Florea, Bordea S., Dubina D.	Strengthening of non-seismic reinforced concrete frames of buckling restrained steel braces	7th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA), Santiago, CHILE	2012	9-11.01		3
17	Dubina D., Dinu Florea	Robustness based structural design: an integrated approach for multi-hazard risk mitigation	3rd International Workshop on Performance, Protection and Strengthening of Structures Under Extreme Loading Location: Lugano, SWITZERLAND	2011	30.08-01.09		2
18	Neagu C, Dubina D, Dinu Florea	Seismic performance of ductile shear wall frame systems	11th WSEAS International Conference on Sustainability in Science Engineering (SSE 09), Timisoara, ROMANIA	2009	27-29.05		3
19	Dinu Florea, Neagu C, Dubina D	A comparative analysis of performances of high strength steel dual frames of buckling restrained braces vs. dissipative shear walls	6th International Conference on Behaviour of Steel Structures in Seismic Areas, Philadelphia, PA	2009	16-20.08		3
20	Dinu Florea, Dubina D.	Robustness of seismic resistant multistory frame buildings in case of accidental column loss scenarios	6th International Conference on Behaviour of Steel Structures in Seismic Areas, Philadelphia, PA	2009	16-20.08		2
21	Dubina D, Dinu Florea, Stratan A, Ciutina A	Analysis and design considerations regarding the project of Bucharest Tower Centre steel structure	International Conference on Metal Structures, Poiana Brasov, Romania	2006	20-22.09		4
22	Grecea D, Dubina D, Dinu Florea	Partial q-factor values for performance based design of MR frames	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06		3
23	Stratan A, Dubina D, Dinu Florea	Control of global performance of seismic resistant EBF with removable link	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06		3

24	Dinu F, Stratan A, Dubina D	Influence of strain rate on the weld detailing behaviour in MR connections	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06		3
25	Dubina D, Ciutina A, Stratan A, Dinu F	Global performance of steel moment resisting frames with semi-rigid joints	6th International Colloquium, First Session, SDSs'99, Timisoara, Romania	1999	09-11.09		4
26	Senila M, Sigauan A, Marginean I, Dinu Florea	Numerical models for steel and composite eccentrically braced frames under seismic actions	IRF2016: 5th international conference integrity-reliability-failure	2016			4
27	Dinu Florea, Marginean Ioan, Sigauan Andreea, Dubina D	Influence of composite slabs and beams on the progressive collapse resistance of steel frame buildings	IRF2016: 5th international conference integrity-reliability-failure	2016			4
28	Dinu Florea, Marginean Ioan, Sigauan Andreea, Dubina D., Ghicioi E.	Structural response of multi-storey steel building frames to external blast loading	IRF2016: 5th international conference integrity-reliability-failure	2016			5
29	Both I, Marginean I, Neagu C, Dinu Florea, Dubina D, Zaharia R	Experimental research on t-stubs under elevated temperatures	Applications of structural fire engineering	2017			6
30	Dinu Florea, Marginean I, Dubina D, Khalil A, De Iuliis E	Factors affecting the response of steel columns to close-in detonations	PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON ADVANCES IN STEEL-CONCRETE COMPOSITE STRUCTURES (ASCCS 2018)	2018	JUN 27-29, 2018		5
31	Mihai SR, Ioan P, Neagu C, Dinu Florea	NUMERICAL STUDIES ON SEISMIC RESPONSE OF STEEL AND COMPOSITE ECCENTRICALLY BRACED FRAMES	IRF2018: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INTEGRITY-RELIABILITY-FAILURE, Lisbon, PORTUGAL	2018	JUL 22-26, 2018		4
32	Dinu F, Marginean I, Petran I, Senila M, Neagu C, Dubina D	DEVELOPMENT OF ALTERNATE LOAD PATHS IN STEEL FRAMES WITH COMPOSITE BEAMS SUBJECT TO ACCIDENTAL EXPLOSIONS	IRF2018: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INTEGRITY-RELIABILITY-FAILURE, Lisbon, PORTUGAL	2018	JUL 22-26, 2018		6
33	Marginean I, Dinu F, Kulcsar R, Sabau S, Dubina D	ULTIMATE CAPACITY OF STEEL FRAMES WITH BOLTED CONNECTIONS UNDER COLUMN LOSS SCENARIOS	IRF2018: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INTEGRITY-RELIABILITY-FAILURE, Lisbon, PORTUGAL	2018	JUL 22-26, 2018		5

34	Nunes DL, Marginean I, Ciutina A, Dinu F	INFLUENCE OF 4 BOLTS-PER-ROW CONNECTION ON A STEEL FRAME BUILDING SUBJECTED TO COLUMN LOSS	IRF2018: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INTEGRITY-RELIABILITY-FAILURE, Lisbon, PORTUGAL	2018	JUL 22-26, 2018		4
35	Dinu Florea, Dubina Dan	Effect of column loss on the robustness of a high rise steel building	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	2010	16-18 September		2
36	Dinu Florea, Dubina Dan	Direct design approach for seismic resistant steel frame buildings under extreme loading	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	2010	16-18 September		2
37	D. Dubina, A. Stratan, Dinu Florea, D. Grecea, N. Muntean, C. Vulcu	Application of high strength steel to seismic resistant multi-storey buildings	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	2010	16-18 September		6
38	Dinu Florea, Dubina Dan, A. Stratan	Evaluation of re-centring capability of dual frames with removable dissipative members: case study for eccentrically braced frames with bolted links	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	2010	16-18 September		3
39	Dinu Florea, Dubina Dan, Calin Neagu	Experimental evaluation of q factor for dual steel frames with dissipative shear walls	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	2010	16-18 September		3
40	Dubina D., Dinu Florea, Stratan A.	Design and performance based evaluation of Tower Centre International building in Bucharest. Part I: Structural design Steel	Steel Construction. Design and Research	2009	2(4)		3
41	Dubina D., Dinu Florea, Stratan A.	Design and performance based evaluation of Tower Centre International building in Bucharest. Part II: Performance based evaluation Steel Construction	Steel Construction. Design and Research	2010	3(1)		3
42	Dubina D., Stratan A., Dinu Florea	Re-centring capacity of dual-steel frames Steel Construction	Steel Construction. Design and Research	2011	4(2)		3
43	Dinu Florea, Dan D., C. Neagu, C. Vulcu, I. Both, S. Herban, D. Marcu	Experimental and numerical evaluation of an RBS coupling beam for moment-resisting steel frames in seismic areas	Steel Construction. Design and Research	2013	6(1)		7
44	Dubina D., Stratan A., Dinu Florea	High-strength steel and dissipative fuse solutions for seismic-resistant building structures	Steel Construction. Design and Research	2020	13(1)		3

2.2 2.2 Articole* in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr. Crt	Autori	Titlul lucrării	Revista/ Conferinta	BDI (Baza de date internațională)	Anul	ISBN/Vol. Nr.	Nr autori	Indicator realizat
								142.19
1	Dinu Florea, Dubina D., Ciutina Adrian	Robustness performance of seismic resistant building frames under abnormal loads	Structures and Architecture, Guimaraes, Portugal	mathnetbase	2010	ISBN 978-0-415-49249-2	3	6.67
2	Dubina D., Bordea S., Dinu Florea	Experimental and numerical investigation of nonseismic reinforced concrete frames strengthened with concentric steel braces	ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering: An IACM Special Interest Conference, Corfu, Grecia	Scopus	2011	ISBN: 978-960-99994-1-0	3	6.67
3	Dinu Florea, Calin Neagu, Dan Dubina	Evaluation of energy dissipation capacity of steel frames with steel shear walls	ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering: An IACM Special Interest Conference, Corfu, Grecia	Scopus	2011	ISBN: 978-960-99994-1-0	3	6.67
4	Dinu Florea, Dan Dubina, Ioan Marginean, Calin Neagu, Ioan Petran	Structural Connections of Steel Building Frames under Extreme Loading	Advanced Materials Research, Volume 1111, DOI 10.4028/www.scientific.net/AMR.1111.223	MathSciNet	2015	ISSN: 1022-6680	5	4.00
5	Dinu Florea, Dan Dubina, Cristian Vulcu, Calin Neagu	Design by qualification testing of reduced beam section welded connections	Advanced Materials Research, Volume 1111, DOI 10.4028/www.scientific.net/AMR.1111.223	MathSciNet	2015	ISSN: 1022-6680	4	5.00

6	Calin Neagu, Dinu Florea, Dan Dubina	Global Ductility of Dual Steel Frames with Replaceable Dissipative Shear Walls	Mathematical Modelling in Civil Engineering, Volume 11, Issue 3, Pages 23–30, DOI: 10.1515/mmce-2015-0012	DOAJ	2015	ISSN (Online) 2066-6934,	3	6.67
7	Dinu Florea, Marginean I., Dubina Dan, Calin Neagu	Experimental evaluation of progressive collapse resistance of steel moment frame connections	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		4	5.00
8	Sigauan A., Dinu Florea, Dubina D.	Progressive collapse of multi-storey steel frame buildings: Developing catenary action	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		3	6.67
9	Both I., Zaharia R., Mărginean I., Dinu Florea, Dubina D.	T-Stubs response to extreme loading	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		5	4.00
10	Dinu Florea, Marginean I., Dubina D., Petran I, Pastrav M, Sigauan A., Ciutina A.	Experimental testing of 3D steel frame with composite beams under column loss	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		7	2.86
11	Dinu Florea, Mărginean I, Sigauan A, Kovacs A, Ghicioi E, Vasilescu D	Effects of close range blasts on steel frames. Experimental testing and numerical validation	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		6	3.33
12	Marginean I., Dinu Florea, Dubina D., Petran I., Senila M., Szilagyi H.	Numerical modeling of dynamic response of steel moment frames following sudden column loss	Proceedings of the International Colloquium on Stability and Ductility of Steel Structures, SDSS 2016	Indexate în baze de date internaționale specifice domeniului (BDI)	2016		6	3.33
13	Dinu Florea, Dubina D., Marginean I, Petran I	Ultimate capacity of beam-to- column connections under bending and axial stresses	XXIV Congresso C.T.A., Torino, 30 sept.-2 Oct. 2013	Indexate în baze de date internaționale specifice domeniului (BDI)	2013		4	5.00
14	Dubina D., Ciutina A., Dinu Florea, Grecea D	Influence of joint semi-rigidity on the seimic response of a 3D moment –resisting frame structure	XXIV Congresso C.T.A., Torino, 30 sept.-2 Oct. 2013	Indexate în baze de date internaționale specifice domeniului (BDI)	2013		4	5.00

15	Dan Dubina, Dinu Florea	Essential features of robustness design of multi-storey steel framed buildings	EUROSTEEL 2014, September 10-12, 2014, Naples, Italy	indexate în baze de date internaționale specifice domeniului (BDI)	2014	2	10.00
16	Dinu Florea, Dan Dubina, Ioan Petran, Adrian Ciutina, Tamas Kovecsi	Numerical simulation of 3D assembly models under large deformation conditions	EUROSTEEL 2014, September 10-12, 2014, Naples, Italy	indexate în baze de date internaționale specifice domeniului (BDI)	2014	5	4.00
17	Dinu Florea, Dan Dubina, Ioan Marginean, Calin Neagu	Experimental tests of steel beam-to-column joints under column loss scenarios	EUROSTEEL 2014, September 10-12, 2014, Naples, Italy	indexate în baze de date internaționale specifice domeniului (BDI)	2014	4	5.00
18	Calin Neagu, Dan Dubina, Dinu Florea	Parametric investigation for seismic response of dual frames with steel panels	Proceedings of the Eighth International Conference on ADVANCES IN STEEL STRUCTURES, Lisbon, Portugal, July 22-24, 2015	indexate în baze de date internaționale specifice domeniului (BDI)	2015	3	6.67
19	Dinu Florea, Ioan Marginean, Dan Dubina, Ioan Petran	Experimental Study of Seismic Resistant Steel Frames in Case of Column Loss	Proceedings of the Eighth International Conference on ADVANCES IN STEEL STRUCTURES, Lisbon, Portugal, July 22-24, 2015	indexate în baze de date internaționale specifice domeniului (BDI)	2015	4	5.00
20	Dinu Florea, Dan Dubina, Ioan Marginean, Calin Neagu, Ioan Petran	Axial strength and deformation demands for t-stub connection components at catenary stage in the beams	8th International Conference on Behavior of Steel Structures in Seismic Areas 1 July 2015 Shanghai, China	indexate în baze de date internaționale specifice domeniului (BDI)	2015	5	4.00
21	Calin Neagu, Dinu Florea, Dan Dubina	Seismic performance of dual frames with steel panels	8th International Conference on Behavior of Steel Structures in Seismic Areas 1 July 2015 Shanghai, China	indexate în baze de date internaționale specifice domeniului (BDI)	2015	3	6.67
22	Dubina Dan, Dinu Florea, Neagu Calin, Marginean Ioan	Structural upgrade of reinforced concrete building frames using replaceable hysteretic steel-based fuse elements	3rd International Conference on Protection of Historical Constructions, Lisbon, Portugal, 12-15 July 2017	indexate în baze de date internaționale specifice domeniului (BDI)	2017	4	5.00

23	Marginean Ioan, Dinu Florea, Dubina Dan	Robustness performance of seismic resistant steel moment connections	6th National Conference on Earthquake Engineering and 2nd National Conference on Earthquake Engineering and Seismology, 14-17 May, Bucharest, Romania (2017)	indexate în baze de date internaționale specifice domeniului (BDI)	2017		3	6.67
24	Neagu Calin, Dinu Florea, Dubina Dan	Re-centring capacity of dual steel building frames with replaceable thin-walled shear panels	6th National Conference on Earthquake Engineering and 2nd National Conference on Earthquake Engineering and Seismology, 14-17 May, Bucharest, Romania (2017)	indexate în baze de date internaționale specifice domeniului (BDI)	2017		3	6.67
25	Dubina D., Stratan A., Dinu, Florea	"High Strength Steel EB Frames with Low Strength Bolted Links".	Proc. of the 5th International Conference on Advances in Steel Structures, Singapore, 5 – 7 December 2007, Research Publishing Services, JY Richard Liew & YS Choo (Eds.), Vol. III., pp. 249-254.		2007	ISBN 978-981-05-9365-0	3	6.67
26	Dinu F., Dubina D., Grecea D., Stratan A.	"Performance based design of steel frames".	Cost C12 Final Conference Proceedings, A.A.Balkema Publishers, Leiden, The Nederlands, Ed. C. Schaur et al, 20-22 January 2005, Innsbruck, Austria, 291-301.	Scopus	2005	ISBN 04 1536 609 7	4	5.00

2.4 Granturi/Proiecte* câştigate prin competiţiile ce finanţează activităţi de cercetare.
2.4.1 Director (pentru instituţia coordonatoare)/responsabil (pentru instituţia parteneră)
2.4.1.2 Nationale

Nr. Crt.	Echipa de cercetare (Director şi cercetători)	Denumirea grantului	Programul	Nr contract	Perioada de desfasurare	Ani de desfasurare	Indicator realizat	Confirm corectitudinea datelor declarate
							Responsabil	
							190	
1	Dinu Florea (responsabil), Dubina Dan, Zaharia Raul, Stratan Aurel, Ungreanu Viorel, Grecea Daniel, Ciutina Adrian, Neagu Calin, Filip-Vacarescu Norin, Both Ioan, Herban Sorin, Vulcu Cristian, Marginean Ioan Mircea, Abrudan Ovidiu, Scarlat Dan, Ung Miloico,	Conceptia structurala si proiectarea pe baza controlului mecanismului de cedare a structurilor multetajate supuse la actiuni accidentale (CODEC)	PNII-PT-PCCA	1303-5	2012-2016	6	60	
2	Dinu Florea (responsabil), Dubina Dan, Ungureanu Viorel	Factori de comportare a structurilor metalice in zone seismice pentru implementarea criteriilor de proiectare bazate pe performanta	MEC	Grant 33047/2004, cod CNCSIS 219	2004-2005	2	20	
3	Dinu Florea (responsabil), Dubina Dan, Ungureanu Viorel	Criterii de precalificare a îmbinărilor ductile ale cadrelor metalice necontravantuite	MEC - CNCSIS	Grant CNCSIS cod 728, tema nr.2	2005-2006	2	20	
4	Dinu Florea (responsabil), Dubina Dan, Ungureanu Viorel	Studiul influentei semirigiditatii nodurilor asupra răspunsului static si dinamic al cadrelor metalice multietajate	Granturi ale Academiei Romane	Contract 3013GR/1997	1997-1998	2	20	
5	Dinu Florea (responsabil), Dubina Dan, Ungureanu Viorel	Criterii pentru evaluarea performantelor structurilor in cadre multietajate amplasate in zone seismice	Granturi CNCSIS	Contract nr. 33470/2002, tema 3, cod CNCSIS 51	2002-2004	3	30	
6	Dinu Florea, Dubina D, Zaharia R, Grecea D, Neagu C, Both I, Herban S, Vulcu C, Mărginean I, Ovidiu A	FRAMEBLAST Validarea experimentala a raspunsului unei cladiri in cadre supusa actiunii exploziilor	PNCDI III Programul 2: Creşterea competitivităţii economiei romaneşti prin cercetare, dezvoltare şi inovare	39 PED	2017-2018	2	20	
7	Dinu Florea, Dubina D, Zaharia R, Neagu C, Mărginean I, Ovidiu A	SAFE-WALL Validare experimentala – raspunsul structurii la actiunea exploziei	PNCDI III Programul 2: Creşterea competitivităţii economiei romaneşti prin cercetare, dezvoltare şi inovare	279 PED	2020-2022	2	20	

2.4 Granturi/Proiecte* câştigate prin competiţiile ce finanţează activităţi de cercetare.

2.4.2 Membru in echipa de implementare a grantului

2.4.2.1 Internationale

Nr. Crt.	Echipa de cercetare (Director şi cercetători)	Denumirea grantului	Programul	Nr contract	Perioada de desfasurare	Ani de desfasurare	Indicator realizat	Confirm corectitudinea datelor declarate responsabil Semnătura
							membru	
							260	
1	Daniel Grecea (R), Dan Dubină, Raul Zaharia, Dinu Florea, Carmen Grecea, Viorel Ungureanu, Aurel Stratan, Adrian Ciutină	Conservation and rehabilitation of historical buildings using light gage steel structures	Bilateral Romanian-Greek Cooperation Contract 2003-2005	2B1aA/2003	2003-2005	3	30	
2	Dan Dubina(responsabil), Grecea Daniel, Zaharia Raul, Stratan Aurel, Ciutina Adrian, Dinu Florea, Ungureanu Viorel, Muntean Nicolae, Bordea Sorin, Adrian Dogariu	Steel solutions for seismic retrofit and upgrade of existing constructions - STEELRETRO	(UE - RFCS)	RFSR-CT-2007-00050	2007-2010	4	40	
3	Dubina Dan (responsabil in comitetul de management), Dinu Florea (responsabil in comitetul de management) , Zaharia Raul , Grecea Daniel, Pintea Dan, Stratan Aurel	COST C26/ 2006 Urban habitat constructions under catastrophic events	European Commission		2006-2010	5	50	
4	Dubina D. (director), Grecea Daniel, Stratan A., Dinu Florea, Ciutina A., Vulcu C., Ioan A.	High Strength Steel in Seismic Resistant Building Frames - HSS-SERF	RFCS - Research Fund for Coil and Steel, Uniunea Europeana	RFSR-CT-2009-00024	2009-2012	4	40	
5	Dubina Dan (responsabil in comitetul de management), Dinu Florea (responsabil in comitetul de management) , Zaharia Raul, Grecea Daniel, Stratan Aurel	Cost C12 "Improving buildings' structural quality by new technologies"	European Commission		1999-2004	4	40	
6	Dubina Dan, Dinu Florea, Adrian Ciutina, Aurel Stratan, Daniel Grecea	Reliability of Moment Resistant Connections of Steel Building Frames in Seismic Areas, COPERNICUS-RECOS	COPERNICUS-RECOS	IC15-CT96-0201 / 1997	1997-2000	3	30	
7	Dubina Dan, Dinu Florea, Aurel Stratan, Calin Neagu, Adriana Chesoan	Valorization of innovative anti-seismic devices (INNOSEIS)	Beneficiary: European Commission - Research Fund for Coal and Steel	No. 709434	2016-2017	2	15	
8	Dubina Dan, Dinu Florea, Aurel Stratan, Calin Neagu, Adriana Chesoan	Mitigation of the risk of progressive collapse in steel and composite building frames under exceptional events-FAILNOMORE	Beneficiary: European Commission - Research Fund for Coal and Steel	RFCS 899371 / 2020	2020-2022	2	15	

2.4 Granturi/Proiecte* câştigate prin competiţiile ce finanţează activităţi de cercetare.
2.4.2 Membru in echipa de implementare a grantului
2.4.2.2 Nationale

Nr. Crt.	Echipa de cercetare (Director şi cercetători)	Denumirea grantului	Programul	Nr contract	Perioada de desfasurare	Ani de desfasurare	Indicator realizat	Confirm corectitudinea datelor declarate responsabil Semnătura
							membru	
							75	
1	Zaharia Raul (responsabil), Dubina D., Stratan A., Ciutina Adrian, Borza I., Dinu Florea, Mutiu M., Muntean N., Dogariu A., Lacatusu F., Crisan A., Grecea C., S. Herban, C. Musat, M. Marin, V. Stoian, A. Gruin, M. Misca, A. Retezan, S. Dorhoi	INSTRUCT - Dezvoltare laborator pentru incercari la scara mare	PN II Modul I	90 CP/ I/ 14.09.2007	2007-2010	4	20	
2	Ungureanu V. (director), Grecea D., Dubina D., Ciutina A., Dinu Florea, Dogariu A., Stoian V., Georgescu M., Szitar M., Botici A.A., Botici A., Tuca, I.	INSPIRE - Integrated strategies and policy instruments for retrofitting buildings to reduce primary energy use and GHG emissions. Period: 2010-2012. Beneficiary: MECTS	ERA-NET	3002/2011	2010-2012	3	15	
3	Dubina D. (responsabil), Stratan A., Ciutina Adrian, Dinu Florea, Ungureanu Viorel, s.a.	„Sisteme constructive si tehnologii avansate pentru structuri din oteluri cu performante ridicate destinate clădirilor amplasate în zone cu risc seismic", Acronim „STOPRISC"	Proiect de cercetare de excelenta Program CEEX – MATNANTECH	PC-D04-PT23-346	2005-2007	3	15	
4	Dubina D. (responsabil), Stratan A., Ciutina Adrian, Dinu Florea, Ungureanu Viorel, s.a.	Promovarea cresterii vizibilitatii si armonizarea actiunilor colectivelor romanesti de cercetare-dezvoltare angajate in activitati privind transferul tehnologic si dezvoltarea normelor europene pentru constructii metalice in zone seismice	Program CEEX – PROMETECH (2006)	Grant de cercetare de excelenta contract 72/2006	2006-2008	3	15	
5	Dubina D. (director), Zaharia R., Stratan A., Suba D., Macarie I., Marginean I., Both I., Dogariu I., Dinu Florea, Beillici R., Costescu A., Garbaciu A., Florescu C., Dan D., Dan S., Chendes R., Badea C., Diaconu D., Stoian V., Bindean A., Marc P., Scarlat C., Herban S., Grecea C., Roman O., Belc F., Lucaci G., Sangeorzan B., Buzuriu A., Mirea M., Costescu C.	Platforma integrată de cercetare-dezvoltare pentru comportarea construcţiilor la acţiuni extreme (ACTEX)	POSCCE-A2-O2.2.1-2013-1	662/8.08.2014 POS CCE ID1827/SMIS48741	2014-2015	2	10	

2.5 Responsabil de proiecte de cercetare/consultanţă (fiecare proiect considerat la calculul punctajului trebuie să fie în valoare de minim 50000 lei pentru instituţia la care responsabilul era/este titula

Nr. Crt.	Echipa de cercetare (Director şi cercetători)	Denumirea proiectului	Nr contract	Anul	Beneficiar	Indicator realizat	Confirm corectitudinea datelor declarate. DIRECTOR GRANT/PROIECT Semnătura
						responsabil	
						5	
1	Dinu Florea (responsabil), Dubina Dan, Neagu Calin, Both Ioan, Vulcu Cristian, Herban Sorin	Simulari numerice cu MEF si incercari experimentale pe subansamble din structura de rezistenta a Cladirii de Birouri 4S+P+17+E din Bucuresti, B-dul Corneliu Coposu, nr. 6-8, sector 3	76/2011	2011	DMA	5	

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (exclusiv citari ale autorilor)

3.1.1 Articole în reviste cotate ISI

Nr. Crt	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul ISI in care se citeaza	Nr autori ai articolului citat	Indicator realizat
						1346.69
1	Seismic performance of Y-type eccentrically braced frames combined with high-strength steel based on performance-based seismic design	Dual high-strength steel eccentrically braced frames with removable links	Dubina D., Stratan A, Dinu Florea	STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS Volume: 29 Issue: 3	3	7.39
	High-strength steel frames with SMA connections in self-centring energy-dissipation bays: insights and a multimodal nonlinear static procedure			SMART MATERIALS AND STRUCTURES Volume: 29 Issue: 12 Article Number: 125020 Published: DEC 2020	3	12.04
	A new replaceable fuse for moment resisting frames: Replaceable bolted reduced beam section connections			STEEL AND COMPOSITE STRUCTURES Volume: 35 Issue: 3 Pages: 353 - 370 Published: MAY 10 2020	3	14.65
	Slip factor between shot blasted mild steel and high strength steel surfaces			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 168 Article Number: 105969 Published: MAY 2020	3	9.79
	Seismic performance of high strength steel frames with variable eccentric braces based on PBSD method			EARTHQUAKES AND STRUCTURES Volume: 18 Issue: 5 Pages: 527 - 542 Published: MAY 2020	3	5.71
	Cyclic behavior of high-strength steel framed-tube structures with bolted replaceable shear links			ENGINEERING STRUCTURES Volume: 210 Article Number: 110395 Published: MAY 1 2020	3	11.83
	Cyclic hardening and softening behavior of the low yield point steel: Implementation and validation			ENGINEERING STRUCTURES Volume: 210 Article Number: 110220 Published: MAY 1 2020	3	7.35
	Seismic Behavior of the Removable Links in Eccentrically Braced Frames with Semirigid Connections			ADVANCES IN CIVIL ENGINEERING Volume: 2020 Article Number: 9405107 Published: APR 25 2020	3	7.35
	Seismic behaviour of combined steel framed-tube substructure with replaceable shear links			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 167 Article Number: 105968 Published: APR 2020	3	7.35
	Seismic performance of Y-type eccentrically braced frames combined with high-strength steel based on performance-based seismic design			STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS Volume: 29 Issue: 3 Article Number: e1689 Published: FEB 25 2020	3	7.35
2	Nonsymmetrical loading protocols for shear links in eccentrically braced frames			EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, NOV 2019	3	11.40
3	Inelastic response of ductile eccentrically braced frames			JOURNAL OF BUILDING ENGINEERING Volume: 26 Article Number: 100903 Published: NOV 201	3	7.93
4	Development of detachable replaceable links for eccentrically braced frames			EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS Volume: 48 Issue: 10 Pages: 1134-1155	3	11.40

5	Experimental Study on Energy Dissipation Performance and Failure Mode of Web-Connected Replaceable Energy Dissipation Link	APPLIED SCIENCES-BASEL Volume: 9 Issue: 15 Article Number: 3200 Published: AUG 1 2019	3	7.39
6	Re-centering Capability of Inverted-Y Dual Eccentrically Braced Frame	INTERNATIONAL JOURNAL OF STEEL STRUCTURES Volume: 19 Issue: 4 Pages: 1283-1294 Published: AUG 2019	3	2.91
7	Residual displacement ratio demand of oscillators representing HSSF-EDBs subjected to near-fault earthquake ground motions	ENGINEERING STRUCTURES Volume: 191 Pages: 598-610 Published: JUL 15 201	3	10.28
8	Seismic performance of high-strength-steel frame equipped with sacrificial beams of non-compact sections in energy dissipation bays	THIN-WALLED STRUCTURES Volume: 139 Pages: 169-185 Published: JUN 2019	3	11.63
9	Experimental study on self-centering link beams using post-tensioned steel-SMA composite tendons	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 155 Pages: 121-128 Published: APR 2019	3	8.83
10	Influence of repairable bolted dissipative beam splices (structural fuses) on reducing the seismic vulnerability of steel-concrete composite frames	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING Volume: 119 Pages: 281-298 Published: APR 2019	3	8.59
11	Intermediate Web Stiffener Spacing Evaluation for Shear Links	JOURNAL OF STRUCTURAL ENGINEERING Volume: 145 Issue: 2 Article Number: 04018257 Published: FEB 201	3	8.43
12	ENHANCING THE SEISMIC PERFORMANCE OF EBFs WITH VERTICAL SHEAR LINK USING A NEW SELF-CENTERING DAMPER	INGEGNERIA SISMICA Volume: 35 Issue: 4 Pages: 57-76 Published: DEC 2018	3	8.54
13	Replaceable links with gusseted brace joints for eccentrically braced frames	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING Volume: 115 Pages: 305-318 Published: DEC 2018	3	8.59
14	A modified DEB procedure for estimating seismic demands of multi-mode-sensitive damage-control HSSF-EDBs	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 150 Pages: 329-345 Published: NOV 2018	3	8.83
15	End web stiffeners for connecting ductile replaceable links	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 150 Pages: 405-414 Published: NOV 2018	3	8.83
16	Low temperature impact toughness of high strength structural steel	THIN-WALLED STRUCTURES Volume: 132 Pages: 410-420 Published: NOV 2018	3	11.63
17	Ductility and energy dissipation behavior of G20Mn5QT cast steel shear link beams under cyclic loading	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 149 Pages: 64-77 Published: OCT 2018	3	8.83
18	Low-Cycle Fatigue Testing of Shear Links and Calibration of a Damage Law	JOURNAL OF STRUCTURAL ENGINEERING Volume: 144 Issue: 10 Article Number: 04018189 Published: OCT 2018	3	8.43
19	Experimental and Analytical Study of Eccentrically Braced Frames Combined with High-Strength Steel	INTERNATIONAL JOURNAL OF STEEL STRUCTURES Volume: 18 Issue: 2 Pages: 528-553 Published: JUN 2018	3	2.91
20	Seismic testing and numerical analysis of Y-shaped eccentrically braced frame made of high-strength steel	STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS Volume: 27 Issue: 6 Article Number: e1455 Published: APR 25 2018	3	7.35
21	Seismic behavior of K-shaped eccentrically braced frames with high-strength steel: Shaking table testing and FEM analysis	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 143 Pages: 250-263 Published: APR 2018	3	8.83
22	A performance-based damage-control design procedure of hybrid steel MRFs with EDBs	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 143 Pages: 46-61 Published: APR 2018	3	8.83

24	Experimental study and simplified analysis of EBF fabricated with high strength steel	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 139 Pages: 6-17 Published: DEC 2017	3	8.83
25	Q690 high strength steel T-stub tensile behavior: Experimental research and theoretical analysis	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 139 Pages: 473-483 Published: DEC 2017	3	8.83
26	Seismic testing of high-strength steel eccentrically braced frames with a vertical link	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS Volume: 170 Issue: 11 Pages: 874-882 Published: NOV 2017	3	2.92
27	Replaceable links with direct brace attachments for eccentrically braced frames	EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS Volume: 46 Issue: 13 Pages: 2121-2139 Published: OCT 25 2017	3	11.40
28	Seismic performance of high-strength steel fabricated eccentrically braced frame with vertical shear link	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 137 Pages: 262-285 Published: OCT 2017	3	8.83
29	Damage-control evaluation of high-strength steel frames with energy dissipation bays	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS Volume: 170 Issue: 9 Pages: 677-692 Published: SEP 2017	3	2.92
30	Welded joints between high-strength and normal-strength steels	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS Volume: 170 Issue: 9 Pages: 693-704 Published: SEP 2017	3	2.92
31	Fundamental behaviour of high strength and ultra-high strength steel subjected to low cycle structural damage	ENGINEERING STRUCTURES Volume: 143 Pages: 427-440 Published: JUL 15 2017	3	10.28
32	Shake table test of Y-shaped eccentrically braced frames fabricated with high-strength steel	EARTHQUAKES AND STRUCTURES Volume: 12 Issue: 5 Pages: 501-513 Published: MAY 2017	3	5.24
33	Experimental study on seismic behavior of high strength steel frames: Global response	ENGINEERING STRUCTURES Volume: 131 Pages: 163-179 Published: JAN 15 2017	3	10.28
34	Numerical investigations of repairable dissipative bolted fuses for earthquake resistant composite steel frames	ENGINEERING STRUCTURES Volume: 131 Pages: 275-292 Published: JAN 15 2017	3	10.28
35	A review of research on steel eccentrically braced frames	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 128 Pages: 53-73 Published: JAN 2017	3	8.83
36	A design procedure for dual eccentrically braced-moment resisting frames in the framework of Eurocode 8	ENGINEERING STRUCTURES Volume: 130 Pages: 198-215 Published: JAN 1 2017	3	10.28
37	High strength steel in chevron concentrically braced frames designed according to Eurocode 8	ENGINEERING STRUCTURES Volume: 124 Pages: 167-185 Published: OCT 1 2016	3	10.28
38	Self-centering eccentrically braced frames using shape memory alloy bolts and post-tensioned tendons	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 125 Pages: 190-204 Published: OCT 2016	3	8.83
39	Experimental validation of re-centring capability of eccentrically braced frames with removable links	ENGINEERING STRUCTURES Volume: 113 Pages: 335-346 Published: APR 15 2016	3	10.28
40	Cyclic behaviour of Y-shaped eccentrically braced frames fabricated with high-strength steel composite	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 120 Pages: 176-187 Published: APR 2016	3	8.83
41	Seismic performance of stiffness-based designed buckling-restrained braced frame and special moment-resisting frame dual systems	STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 12 Issue: 8 Pages: 918-935 Published: 2016	3	8.10
42	THE ART OF APPLICATION OF HIGH-STRENGTH STEEL STRUCTURES FOR BUILDINGS IN SEISMIC ZONES	ADVANCED STEEL CONSTRUCTION Volume: 11 Issue: 4 Special Issue: SI Pages: 492-506 Published: DEC 2015	3	3.19
43	The influence of beam stiffness on seismic response of chevron concentric bracings	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 112 Pages: 305-324 Published: SEP 2015	3	8.83
44	Seismic performance of eccentrically braced frames with high strength steel combination	STEEL AND COMPOSITE STRUCTURES Volume: 18 Issue: 6 Pages: 1517-U217 Published: JUN 2015	3	13.00

45	Seismic design of chevron braces cupled with MRF fail safe systems			EARTHQUAKES AND STRUCTURES Volume: 8 Issue: 5 Pages: 1215-1239 Published: MAY 2015	3	5.24
46	Recent research advances of high strength steel structures and codification of design specification in China			INTERNATIONAL JOURNAL OF STEEL STRUCTURES Volume: 14 Issue: 4 Pages: 873-887 Published: DEC 2014	3	2.91
48	Experimental Validation of Replaceable Shear Links for Eccentrically Braced Steel Frames			JOURNAL OF STRUCTURAL ENGINEERING-ASCE Volume: 137 Issue: 10 Pages: 1141-1152 Published: OCT 2011	3	4.02
49	An energy-based method for seismic retrofit of existing frames using hysteretic dampers			SOIL DYNAMICS AND EARTHQUAKE ENGINEERING Volume: 31 Issue: 10 Pages: 1385-1396 Published: OCT 2011	3	8.59
50	Collapse of steel-concrete composite frame under edge-column loss-Experiment and its analysis	Experimental testing and numerical analysis of 3D steel frame system under column loss	Dinu Florea, Marginean Ioan, Dubina Dan, Petran Ioan	ENGINEERING STRUCTURES Volume: 209 Article Number: 109951 Published: APR 15 2020	4	7.71
	Robustness of steel moment frames in multi-column-removal scenarios			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 175 Article Number: 106325 Published: DEC 2020	4	7.35
	Research on Semiactive Control of Civil Engineering Structure Based on Neural Network			WIRELESS COMMUNICATIONS & MOBILE COMPUTING Volume: 2020 Article Number: 8842031 Published: SEP 22 2020	4	4.55
	Experimental investigation of composite joints with concrete-filled steel tubular column under column removal scenario			ENGINEERING STRUCTURES Volume: 219 Article Number: 110956 Published: SEP 15 2020	4	8.87
	Progressive collapse resistance of 3D composite floor system subjected to internal column removal: Experiment and numerical simulation			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 172 Article Number: 106208 Published: SEP 2020	4	7.35
	Collapse of steel-concrete composite frame under edge-column loss-Experiment and its analysis			ENGINEERING STRUCTURES Volume: 209 Article Number: 109951 Published: APR 15 2020		
	Experimental Study on Progressive Collapse of 3D Steel Frames under Concentrated and Uniformly Distributed Loading Conditions			JOURNAL OF STRUCTURAL ENGINEERING Volume: 146 Issue: 4 Article Number: 04020017 Published: APR 2020		
51	Progressive collapse of framed building structures: Current knowledge and future prospects			ENGINEERING STRUCTURES Volume: 206 Article Number: 110061 Published: MAR 1 202	4	7.71
52	Collapse resistance of composite beam-column assemblies with unequal spans under an internal column-removal scenario			ENGINEERING STRUCTURES Volume: 206 Article Number: 110143 Published: MAR 1 2020	4	7.71
53	Collapse resistance of steel frames with concrete slabs due to penultimate-side column loss			ADVANCES IN STRUCTURAL ENGINEERING Article Number: UNSP 1369433219895921	4	3.30
54	Steel-concrete frames under the column loss scenario: An experimental study			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 162 Article Number: UNSP 105527 Published: NOV 2019	4	6.63
55	Experimental study on impact behaviour of stud shear connectors in composite beams with profiled steel sheeting			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 161 Pages: 436-449 Published: OCT 2019	4	6.63
56	Improved steel frame performance against progressive collapse with infill panels			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 158 Pages: 201-212 Published: JUL 2019	4	6.63
57	The Influence of Key Component Characteristic on the Resistance to Progressive Collapse of Composite Joint With the Concrete-Filled Steel Tubular Column and Steel Beam With Through Bolt-Extended Endplate			FRONTIERS IN MATERIALS Volume: 6 Article Number: 64 Published: APR 17 2019	4	6.72
58	Nonlinear finite element failure analysis of bolted steel-concrete composite frame under column-loss			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 155 Pages: 62-76 Published: APR 2019	4	6.63

60	Component tests and numerical simulations of composite floor systems under progressive collapse			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 151 Pages: 25-40 Published: DEC 2018	4	6.63
61	Progressive collapse of 3D steel composite buildings under interior gravity column loss			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 150 Pages: 60-75 Published: NOV 2018	4	6.63
62	Research and practice on progressive collapse and robustness of building structures in the 21st century			ENGINEERING STRUCTURES Volume: 173 Pages: 122-149 Published: OCT 15 2018	4	7.71
63	Three-Dimensional Composite Floor Systems under Column-Removal Scenarios			JOURNAL OF STRUCTURAL ENGINEERING Volume: 144 Issue: 10 Article Number: 04018196 Published: OCT 2018	4	6.32
64	Analytical modeling on collapse resistance of steel beam-concrete slab composite substructures subjected to side column loss			ENGINEERING STRUCTURES Volume: 169 Pages: 238-255 Published: AUG 15 2018	4	7.71
65	Finite element simulations on the ultimate response of extended stiffened end-plate joints			STEEL AND COMPOSITE STRUCTURES Volume: 27 Issue: 6 Pages: 727-745 Published: JUN 25 2018	4	9.75
66	Collapse resistance of steel beam-concrete slab composite substructures subjected to middle column loss			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 145 Pages: 471-488 Published: JUN 2018	4	6.63
67	Anti-progressive collapse mechanism of long-span single-layer spatial grid structures			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 144 Pages: 270-282 Published: MAY 2018	4	6.63
68	Robustness assessment of a steel self-centering moment-resisting frame under column loss			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 141 Pages: 36-49 Published: FEB 201	4	6.63
69	Experimental Study on Impact Behavior of Stud Shear Connectors between Concrete Slab and Steel Beam			JOURNAL OF STRUCTURAL ENGINEERING Volume: 144 Issue: 2 Article Number: 04017203 Published: FEB 2018	4	6.32
70	Anti-collapse performances of steel beam-to-column assemblies with different span ratios			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 140 Pages: 125-138 Published: JAN 2018	4	6.63
71	Automatic Monitoring Technology of Salt Spray Corrosion of Steel Structure in Coastal Building Construction			CCAMLR SCIENCE Volume: 25 Issue: 3 Pages: 215-221 Published: 2018		
72	Parametric finite element analyses on flush end-plate joints under column removal			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 137 Pages: 77-92 Published: OCT 2017	4	6.63
73	Load-resisting mechanisms of 3D composite floor systems under internal column-removal scenario			ENGINEERING STRUCTURES Volume: 148 Pages: 357-372 Published: OCT 1 2017	4	7.71
74	Considerations for Robustness in the Design of Steel and Composite Frame Structures			STRUCTURAL ENGINEERING INTERNATIONAL Volume: 27 Issue: 2 Pages: 263-280 Published: MAY 2017	4	1.52
76	Proposal of AISC-compliant seismic design criteria for ductile partially-restrained end-plate bolted joints	Performance criteria for MR steel frames in seismic zones	Grecea Daniel, Dinu Florea, Dubina Dan	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 159 Pages: 364-383 Published: AUG 2019	3	8.83
77	A new damage index for steel MRFs based on incremental dynamic analysis			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 156 Pages: 137-154 Published: MAY 2019	3	8.83
78	Experimental study of the lateral performance of a steel stud wall with a semi-rigid connected frame			ENGINEERING STRUCTURES Volume: 183 Pages: 677-689 Published: MAR 15 2019	3	10.28
79	Cyclic response of low yielding connections using different friction materials			SOIL DYNAMICS AND EARTHQUAKE ENGINEERING Volume: 114 Pages: 404-423 Published: NOV 2018	3	8.59
80	Numerical modelling of innovative DST steel joint under cyclic loading			ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING Volume: 18 Issue: 3 Pages: 687-701 Published: JUL 2018	3	9.49
81	Experimental analysis of beam-to-column joints equipped with sprayed aluminium friction dampers			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 146 Pages: 33-48 Published: JUL 2018	3	8.83

82	A Critical Review of European and American Provisions for the Seismic Assessment of Existing Steel Moment-Resisting Frame Buildings			JOURNAL OF EARTHQUAKE ENGINEERING Volume: 22 Issue: 8 Pages: 1336-1364 Published: 2018	3	9.18
83	Probabilistic computation of the structural performance of moment resisting steel frames			STEEL AND COMPOSITE STRUCTURES Volume: 24 Issue: 3 Pages: 369-382 Published: JUN 30 2017	3	13.00
84	Experimental behaviour of innovative thermal spray coating materials for FREEDAM joints			Conference: International Worksnop on Multi-Scale Innovative Materials and Structures (MIMS) Location: Cetara, ITALY Date: OCT 28-30, 2016 COMPOSITES PART B-ENGINEERING	3	22.88
85	A methodology to determine the response modification factor for probabilistic performance-based design			BULLETIN OF EARTHQUAKE ENGINEERING Volume: 15 Issue: 4 Pages: 1739-1769 Published: APR 2017	3	8.02
86	Influence of seismic design rules on the robustness of steel moment resisting frames			STEEL AND COMPOSITE STRUCTURES Volume: 21 Issue: 3 Pages: 479-500 Published: JUN 30 2016	3	13.00
87	On the quantification of local deformation demands and adequacy of linear analysis procedures for the seismic assessment of existing steel buildings to EC8-3			BULLETIN OF EARTHQUAKE ENGINEERING Volume: 14 Issue: 6 Pages: 1613-1642 Published: JUN 2016	3	8.02
88	Free from damage beam-to-column joints: Testing and design of DST connections with friction pads			ENGINEERING STRUCTURES Volume: 85 Pages: 219-233 Published: FEB 15 2015	3	10.28
89	Experimental analysis and mechanical modeling of T-stubs with four bolts per row			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 101 Pages: 158-174 Published: OCT 2014	3	8.83
90	Seismic performance of dual-steel moment resisting frames			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 101 Pages: 437-454 Published: OCT 2014	3	8.83
91	Prediction of the flexural overstrength factor for steel beams using artificial neural network			STEEL AND COMPOSITE STRUCTURES Volume: 17 Issue: 3 Pages: 215-236 Published: SEP 2014	3	13.00
93	Damage evaluation of composite-special moment frames with concrete-filled tube columns under strong seismic loads			KSCE JOURNAL OF CIVIL ENGINEERING Volume: 15 Issue: 8 Pages: 1381-1394 Published: NOV 2011	3	4.76
94	Seismic design of steel frames with partial strength joints			JOURNAL OF EARTHQUAKE ENGINEERING Volume: 10 Issue: 5 Pages: 725-747 Published: SEP 2006	3	9.18
95	Experimental investigation on mechanical behavior of segmental joint under combined loading of compression-bending-shear	Experimental testing and numerical modelling of steel moment-frame connections under column loss	Dinu Florea, Marginean Ioan, Dubina Dan	TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY Volume: 98 Article Number: 103346	3	13.14
96	Progressive collapse of framed building structures: Current knowledge and future prospects			ENGINEERING STRUCTURES Volume: 206 Article Number: 110061 Published: MAR 1 2020	3	10.28
97	Damage effect on experimental modal parameters of haunch strengthened concrete-encased composite column-beam connections			INTERNATIONAL JOURNAL OF DAMAGE MECHANICS Volume: 29 Issue: 2 Pages: 297-334 Published: FEB 2020	3	7.81
98	Progressive collapse behaviour of steel framed substructures with various beam-column connections			ENGINEERING FAILURE ANALYSIS Volume: 109 Article Number: UNSP 104399 Published: JAN 2020		
99	Pilot experimental and numerical studies on a novel retrofit scheme for steel joints against progressive collapse			ENGINEERING STRUCTURES Volume: 200 Article Number: 109667 Published: DEC 1 2019	3	10.28
100	Novel principle for improving performance of steel frame structures in column-loss scenario			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 163 Article Number: UNSP 105768 Published: DEC 2019	3	8.83
101	Parameter Analysis of Progressive Collapse Simulation of Long-Span Spatial Grid Structures			INTERNATIONAL JOURNAL OF STEEL STRUCTURES Volume: 19 Issue: 6 Pages: 1718-1731 Published: DEC 2019	3	2.91

102	Effects of the rise-to-span ratio on the progressive collapse resistance of Kiewitt-6 single-layer latticed domes			ENGINEERING FAILURE ANALYSIS Volume: 106 Article Number: UNSP 104158 Published: DEC 2019	3	7.34
103	Simplified theoretical model for prediction of catenary action incorporating strength degradation in axially restrained beams			ENGINEERING STRUCTURES Volume: 191 Pages: 219-228 Published: JUL 15 2019	3	10.28
104	Improved steel frame performance against progressive collapse with infill panels			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 158 Pages: 201-212 Published: JUL 2019	3	8.83
105	Mitigation of progressive collapse in steel structures using a new passive connection			STRUCTURAL ENGINEERING AND MECHANICS Volume: 70 Issue: 4 Pages: 381-394 Published: MAY 25 2019	3	9.35
106	The Influence of Key Component Characteristic on the Resistance to Progressive Collapse of Composite Joint With the Concrete-Filled Steel Tubular Column and Steel Beam With Through Bolt-Extended Endplate			FRONTIERS IN MATERIALS Volume: 6 Article Number: 64 Published: APR 17 201	3	8.96
107	Reliability of collapse simulation - Comparing finite and applied element method at different levels			ENGINEERING STRUCTURES Volume: 176 Pages: 265-278 Published: DEC 1 2018	3	10.28
108	Research and practice on progressive collapse and robustness of building structures in the 21st century			ENGINEERING STRUCTURES Volume: 173 Pages: 122-149 Published: OCT 15 2018	3	10.28
109	Progressive Collapse Analysis of Multistory Moment Frames with Varying Mechanisms			JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES Volume: 32 Issue: 4 Article Number: 04018043 Published: AUG 2018	3	5.14
110	Improving the progressive collapse resistance of long-span single-layer spatial grid structures			CONSTRUCTION AND BUILDING MATERIALS Volume: 171 Pages: 96-108 Published: MAY 20 2018	3	13.49
111	Estimating the cross-sectional area of inverted-V braces required for mitigating the progressive collapse of Steel Intermediate Moment Resisting Frames	Improving the structural robustness of multi-story steel-frame buildings	Dinu Florea, Dubina Dan, Marginean Ioan	STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 15 Issue: 8 Pages: 1075-1086 Published: AUG 3 2019	3	8.10
112	Research and practice on progressive collapse and robustness of building structures in the 21st century			ENGINEERING STRUCTURES Volume: 173 Pages: 122-149 Published: OCT 15 2018	3	10.28
113	Risk-based robustness assessment of steel frame structures to unforeseen events			CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS Volume: 35 Issue: 1-4 Special Issue: SI Pages: 117-138 Published: OCT 2 2018	3	4.65
114	Study on Structural Robustness of Isolated Structure Based on Seismic Response			APPLIED SCIENCES-BASEL Volume: 8 Issue: 9 Article Number: 1686 Published: SEP 2018	3	7.39
115	Finite element simulations on the ultimate response of extended stiffened end-plate joints			STEEL AND COMPOSITE STRUCTURES Volume: 27 Issue: 6 Pages: 727-745 Published: JUN 25 2018	3	13.00
116	A multilevel calculation scheme for risk-based robustness quantification of reinforced concrete frames			ENGINEERING STRUCTURES Volume: 160 Pages: 56-70 Published: APR 1 2018	3	10.28
117	Probabilistic capacity model and fragility estimates for composite floor systems subjected to column loss			STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 14 Issue: 8 Pages: 1037-1050 Published: 2018	3	8.10
118	Parametric finite element analyses on flush end-plate joints under column removal			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 137 Pages: 77-92 Published: OCT 2017	3	8.83
119	Influence of seismic design rules on the robustness of steel moment resisting frames			STEEL AND COMPOSITE STRUCTURES Volume: 21 Issue: 3 Pages: 479-500 Published: JUN 30 2016	3	13.00
120	The cost of satisfying design requirements on progressive collapse resistance - Investigation based on structural optimisation			STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 12 Issue: 6 Pages: 695-713 Published: JUN 2 2016	3	8.10

121	Numerically and Parametrically Investigating the Cracked Steel Plate Shear Walls (SPSWs)	Experimental evaluation of dual frame structures with thin-walled steel panels	Dubina Dan, Dinu Florea	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING Volume: 44 Issue: 2 Pages: 481-500 Published: JUN 2020	2	4.00
122	A multi-stage-based nonlinear static procedure for estimating seismic demands of steel MRFs equipped with steel slit walls			ENGINEERING STRUCTURES Volume: 183 Pages: 1091-1108 Published: MAR 15 2019	2	15.42
123	Seismic response tests and analytical assessment of blind bolted assembly CFST frames with beam-connected SPSWs			ENGINEERING STRUCTURES Volume: 178 Pages: 343-360 Published: JAN 1 2019	2	15.42
124	Seismic tests and numerical investigation of blind-bolted moment CFST frames infilled with thin-walled SPSWs			THIN-WALLED STRUCTURES Volume: 134 Pages: 347-362 Published: JAN 201	2	17.44
125	Boundary frame contribution in coupled and uncoupled steel plate shear walls			EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS Volume: 46 Issue: 14 Pages: 2355-2380 Published: NOV 2017	2	17.10
126	Behavior of semi-supported steel shear walls: Experimental and numerical simulations			ENGINEERING STRUCTURES Volume: 135 Pages: 161-176 Published: MAR 15 2017	2	15.42
127	Seismic behavior of steel frames with replaceable reinforced concrete wall panels			STEEL AND COMPOSITE STRUCTURES Volume: 22 Issue: 5 Pages: 1055-1071 Published: DEC 10 2016	2	19.50
128	STATE OF THE ART REVIEW ON BEHAVIOUR AND CALCULATION OF COMPOSITE PLATE SHEAR WALLS			TEHNICKI VJESNIK-TECHNICAL GAZETTE Volume: 23 Issue: 5 Pages: 1523-1532 Published: OCT 2016	2	3.22
129	An investigation into crack and its growth on the seismic behavior of steel shear walls			THIN-WALLED STRUCTURES Volume: 101 Pages: 205-212 Published: APR 2016	2	17.44
130	Seismic performance of stiffness-based designed buckling-restrained braced frame and special moment-resisting frame dual systems			STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 12 Issue: 8 Pages: 918-935 Published: 2016	2	12.15
131	Structural behavior of composite wall systems strengthened with embedded cold-formed steel tube			THIN-WALLED STRUCTURES Volume: 98 Pages: 607-616 Part: B Published: JAN 2016	2	17.44
132	Experimental and numerical study of unstiffened steel plate shear wall structures			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 112 Pages: 373-386 Published: SEP 2015	2	13.25
133	POST-EARTHQUAKE DAMAGE ASSESSMENT OF MOMENT RESISTING STEEL FRAMES	Fatigue analysis of moment resisting steel frames	Vayas I, Sophocleous A, Dinu florea	INGEGNERIA SISMICA Volume: 36 Issue: 4 Pages: 34-56 Published: DEC 2019	3	8.54
134	Seismic low-cycle fatigue evaluation of welded beam-to-column connections in steel moment frames through global-local analysis			INTERNATIONAL JOURNAL OF FATIGUE Volume: 64 Pages: 97-113 Published: JUL 2014	3	12.24
135	Seismic behavior of composite steel/concrete MRFs: deformation assessment and behavior factors	Partial q-factor values for performance based design of MR frames	Grecea Daniel, Dinu Florea, Dubina Dan	BULLETIN OF EARTHQUAKE ENGINEERING Volume: 13 Issue: 12 Pages: 3871-3896 Published: DEC 201	3	8.02
136	Determination of the behaviour factor of steel moment-resisting (MR) frames by a damage accumulation approach			JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 66 Issue: 5 Pages: 723-735 Published: MAY 2010	3	8.83
137	Behavior factor for performance-based seismic design of plane steel moment resisting frames			JOURNAL OF EARTHQUAKE ENGINEERING Volume: 11 Issue: 4 Pages: 531-559 Published: JUL 2007	3	9.18
138	Incremental dynamic analysis	Ductility demand for semi-rigid joint frames	Dan Dubina, Adrian Ciutina, Aurel Stratan, Florea Dinu	Earthquake Engineering and Structural Dynamics, Volume31, Issue3, March 2002	4	3.10
139	On the modal incremental dynamic analysis			The Structural Design of Tall and Special Buildings, Volume14, Issue4, December 2005	4	5.51
140	Evaluation of modal incremental dynamic analysis, using input energy intensity and modified bilinear curve			The Structural Design of Tall and Special Building, Volume18, Issue5, August 2009	4	5.51

141	A review of research on steel eccentrically braced frames	Re-centring capacity of dual-steel frames	D Dubina, A Stratan, F Dinu	Journal of Constructional Steel Research Volume 128, January 2017	3	8.83
142	Replaceable links with direct brace attachments for eccentrically braced frames			Earthquake Engineering and Structural Dynamics ,Volume46, Issue13, 25 October 2017	3	11.40
143	Replaceable links with gusseted brace joints for eccentrically braced frames			Soil Dynamics and Earthquake Engineering Volume 115, December 2018, Pages 305-318	3	8.59
144	Development of detachable replaceable links for eccentrically braced frames			Earthquake Engineering and Structural Dynamics, Volume48, Issue10, August 2019	3	11.40
145	Performance and Design Issues for High Strength Steel in Structures	Experimental program for evaluation of moment beam-to-column joints of high strength steel components	Dan Dubina, Aurel Stratan, N. Muntean, Florea Dinu	Advances in Structural Engineering	4	3.30
146	A design procedure for dual eccentrically braced systems: Numerical investigation			Journal of Constructional Steel Research, Volume 80, January 2013	4	6.63
147	A design procedure for dual eccentrically braced-moment resisting frames in the framework of Eurocode 8			Engineering Structures Volume 130, 1 January 2017, Pages 198-215	4	7.71
148	Herleitung des Überfestigkeitsbeiwerts auf Basis statistischer Kennwerte europäischer Baustähle			Stahlbau, Volume89, Issue1, January 2020	4	1.01

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (exclusiv citari ale autorilor)

3.1.2 Articole în volumele unor manifestări științifice indexate ISI

Nr. Crt	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul ISI in care se citeaza	Nr autori ai articolului citat	Indicator realizat
						2.71
1	EXPERIMENTAL STUDY ON THE PROGRESSIVE COLLAPSE OF 3D STEEL FRAMES UNDER CONCENTRATED AND UNIFORMLY DISTRIBUTED LOADING CONDITIONS	Experimental testing and numerical analysis of 3D steel frame system under column loss	Dinu Florea, Marginean Ioan, Dubina Dan, Petran Ioan	PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON STEEL AND ALUMINIUM STRUCTURES (ICSAS19) Pages: 1270-1280 Published: 201	4	0.63
2	Automatic Monitoring Technology of Salt Spray Corrosion of Steel Structure in Coastal Building Construction			CCAMLR SCIENCE Volume: 25 Issue: 3 Pages: 215-221 Published: 2018	4	0.63
3	NUMERICAL SIMULATION OF THE PROGRESSIVE COLLAPSE BEHAVIOUR OF STEEL SELF-CENTERING MOMENT RESISTING FRAMES			NUMERICAL SIMULATION OF THE PROGRESSIVE COLLAPSE BEHAVIOUR OF STEEL SELF-CENTERING MOMENT RESISTING FRAMES	4	0.63
4	Seismic performance of high-strength steel moment-resisting frames	Performance criteria for MR steel frames in seismic zones	Grecea Daniel, Dinu Florea, Dubina Dan	STESSA 2012: PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON BEHAVIOUR OF STEEL STRUCTURES IN SEISMIC AREAS Pages: 381-386 Published: 201	3	0.83

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (exclusiv citari ale autorilor)
3.1.3 Articole în reviste indexate BDI

Nr. Crt	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul ISI in care se citeaza	Nr autori ai articolului citat	Indicator realizat
						25.67
1	Experimental Study on Seismic Behavior of High Strength Steel Composite K-Type Eccentrically Braced Frames	Dual high-strength steel eccentrically braced frames with removable links	Dubina D., Stratan A, Dinu Florea	Advanced Materials Research (Volumes 838-841)	3	0.67
2	Finite Element Analysis of Composite Replaceable Short Links			Key Engineering Materials (Volume 763	3	0.67
3	Dual-concentrically braced frames using high strength steel–seismic response			The Open Civil Engineering Journal ISSN: 1874-1495 — Volume 14, 2020	3	0.67
4	Welded joints between high-strength and normal-strength steels			Proceedings of the Institution of Civil Engineers - Structures and Buildings ISSN 0965-0911 | E-ISSN 1751-7702 Volume 170 Issue 9, September, 2017,	3	0.67
5	Finite Element Analysis of the Seismic Behaviors on Web-Bolted Connected of Replaceable Shear Links for Eccentrically Braced Steel Frame			Advanced Materials Research (Volume 1020), October 2014	3	0.67
6	Seismic Energy Dissipation Analysis Of Y And K Type Composite Eccentrically Braced Steel Frames			IOP Conference Series: Earth and Environmental Science, Published 1 May 2018	3	0.67
7	Experimental Testing and Design of High Performance Shear Links for Eccentrically Braced Frames			Key Engineering Materials (Volume 763), February 2018	3	0.67
8	Testing and analysis of composite floor systems under peripheral column removal scenarios	Experimental testing and numerical analysis of 3D steel frame system under column loss	Dinu Florea, Marginean Ioan, Dubina Dan, Petran Ioan	Procedia Engineering Volume 210, 2017, Pages 261-268	4	0.50
9	REVIEW OF METHODS AND RESULTS OF EXPERIMENTAL INVESTIGATIONS OF STEEL AND STEEL CONCRETE STRUCTURES UNDER SPECIAL IMPACT			STRUCTURAL MECHANICS OF ENGINEERING CONSTRUCTIONS AND BUILDINGS, Vol 14, No 3 (2018)	4	0.50
10	Study on Dynamic Control Model of Assembly Construction Cost Based on Piecewise Regression Analysis			IOP Conference Series: Materials Science and Engineering, Published 1 October 2019	4	0.50
11	Assessment of Progressive Collapse Resistance of Steel Structures with Moment Resisting Frames			Buildings 2019, 9(1)	4	0.50
12	APPLICATION OF ENDURANCE TIME METHOD IN PERFORMANCE-BASED DESIGN OF STEEL MOMENT FRAMES	Performance criteria for MR steel frames in seismic zones	Grecea Daniel, Dinu Florea, Dubina Dan	SCIENTIA IRANICA NOVEMBER-DECEMBER 2010 , Volume 17 , Number 6	3	0.67
13	THE EFFECT OF ANALYSIS METHODS ON THE RESPONSE OF STEEL DUAL-SYSTEM FRAME BUILDINGS FOR SEISMIC RETROFITTING			INTERNATIONAL JOURNAL OF ENGINEERING DECEMBER 2009 , Volume 22 , Number	3	0.67
14	Theoretical and Experimental Analysis of Dissipative Beam-to-Column Joints in Moment Resisting Steel Frames			Universal-Publishers	3	0.67
15	Numerical Study on Moment Resisting Frames under Monotonic and Cyclic Loads			Key Engineering Materials Vol. 763, February 2018	3	0.67
16	The effect of analysis methods on the response of steel-braced frame buildings for seismic retrofitting			Journal of Applied Sciences, 8(3), 2008	3	0.67
17	Application of Endurance Time Method in Performance-Based Design of Steel Moment Frames			Transaction A: Civil Engineering Vol. 17, No. 6	3	0.67
18	Study on Structural Robustness of Isolated Structure Based on Seismic Response	Experimental testing and numerical modelling of steel moment-frame connections under column loss	Dinu Florea, Marginean Ioan, Dubina Dan	Applied Sciences, 2018, 8(9)	3	0.67
19	Risk-based robustness assessment of steel frame structures to unforeseen events			Journal of Civil Engineering and Environmental Systems, Volume 35, 2018 - Issue 1-4	3	0.67
20	Analysis of dry and wet connections in precast beam-column joint using ABAQUS software			Materials Today: Proceedings Available online 30 April 2020	3	0.67

21	Experimental Tests of Steel Unstiffened Double Side Joints with Flush and Extended End Plate	Improving the structural robustness of multi-story steel-frame buildings	Dinu Florea, Dubina Dan, Marginean Ioan	Archives of Civil Engineering | Volume 65: Issue 4, Published online: 17 Dec 2019	3	0.67
22	Structural robustness and timber buildings – a review			Structural robustness and timber buildings – a review, Wood Material Science & Engineering, Published online: 13 Mar 2018	3	0.67
23	Design criteria essential for an uncontrolled demolition (explosion)			Asian Journal of Civil Engineering volume 20, pages351–369(2019)	3	0.67
24	How Can a Steel Structure Survive to Impact Loading?			The Open Civil Engineering Journal, ISSN: 1874-1495 — Volume 14, 2020	3	0.67
25	Corner Crack Effect on the Seismic Behavior of Steel Plate Shear Wall System	Experimental evaluation of dual frame structures with thin-walled steel panels	Dubina Dan, Dinu Florea	Civil Engineering Infrastructures Journal (CEIJ) ,Volume 50, Issue 2 Summer and Autumn 2017	2	1.00
26	STATE OF THE ART REVIEW ON BEHAVIOUR AND CALCULATION OF COMPOSITE PLATE SHEAR WALLS			Tehnički vjesnik 23, 5(2016)	2	1.00
27	Numerically and Parametrically Investigating the Cracked Steel Plate Shear Walls (SPSWs)			Iranian Journal of Science and Technology, Transactions of Civil Engineering volume 44, pages481–500(2020)	2	1.00
28	INFLUENCE OF THE RECTANGULAR OPENING PROPERTIES ON SEISMIC BEHAVIOR OF COMPOSITE STEEL PLATE SHEAR WALLS			ASIAN JOURNAL OF CIVIL ENGINEERING (BUILDING AND HOUSING) 2016 , Volume 17 , Number 7	2	1.00
29	Prediction of Load-Carrying Capacity in Steel Shear Wall with Opening Using Artificial Neural Network			Journal of Engineering / 2016 / Volume 2016 |Article ID 4039407	2	1.00
30	REVIEW OF METHODS AND RESULTS OF EXPERIMENTAL INVESTIGATIONS OF STEEL AND STEEL CONCRETE STRUCTURES UNDER SPECIAL IMPACT			STRUCTURAL MECHANICS OF ENGINEERING CONSTRUCTIONS AND BUILDINGS, Vol 14, No 3 (2018)	2	1.00
31	Study of Different Techniques in Design of Earthquake Resistant Structures			International Journal of Advanced Structures and Geotechnical Engineering, ISSN 2319-5347, Vol. 03, No. 04, October 2014	2	1.00
32	On the definition of seismic recovery interventions in r.c. buildings by non-linear static and incremental dynamic analyses	Ductility demand for semi-rigid joint frames	Dan Dubina, Adrian Ciutina, Aurel Stratan, Florea Dinu	International Journal of Mechanics, Volume 8, 2014	4	0.50
33	Application of Incremental Dynamic Analysis (IDA) Method for Studying the Dynamic Behavior of Structures During Earthquakes			Engineering, Technology & Applied Science Research, Vol. 7 No. 1 (2017): Februay, 2017	4	0.50
34	Extending the modal incremental dynamic analysis method for structures equipped with viscoelastic dampers			Journal of Vibroengineering, 2017	4	0.50
35	Seismic design of chevron braces cupled with MRF fail safe systems	Re-centring capacity of dual-steel frames	D Dubina, A Stratan, F Dinu	Earthquakes and Structures Volume 8 Issue 5 / Pages.1215-1240 / 2015	3	0.67
36	Experimental Study on Energy Dissipation Performance and Failure Mode of Web-Connected Replaceable Energy Dissipation Link			Appl. Sci. 2019, 9(15)	3	0.67
37	Reliability of T-stub Pre-stressed Connections Using Numerical Model	Experimental program for evaluation of moment beam-to-column joints of high strength steel components	Dan Dubina, Aurel Stratan, N. Muntean, Florea Dinu	Journal of Civil Engineering and Materials Application ,Volume 3, Issue 1, Winter 2019	4	0.50

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (exclusiv citari ale autorilor)

3.1.4 Articole în volumele unor manifestări științifice indexate BDI

Nr. Crt	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul ISI in care se citeaza	Nr autori ai articolului citat	Indicator realizat
						13.33
1	Damage-control evaluation of high-strength steel frames with energy dissipation bays	Dual high-strength steel eccentrically braced frames with removable links	Dubina D., Stratan A, Dinu Florea	Proceedings of the Institution of Civil Engineers - Structures and Buildings, Volume 170 Issue 9, September, 2017	3	0.67
2	Seismic testing of high-strength steel eccentrically braced frames with a vertical link			Proceedings of the Institution of Civil Engineers - Structures and Buildings, Volume 170 Issue 11, November, 2017	3	0.67
3	Seismic Design of Steel Structures: New Trends of Research and Updates of Eurocode 8			European Conference on Earthquake Engineering Thessaloniki, Greece ECEE 2018: Recent Advances in Earthquake Engineering in Europe	3	0.67
4	Distributed data bases, data communication and access, distributed testing and PsD transnational access test campaigns within the SERIES Project			15th World Conf. on Earthquake Engineering, 2012	3	0.67
5	European research on steel structures in seismic areas			Volume1, Issue2-3, Special Issue: Proceedings of Eurosteel 2017, September 2017	3	0.67
6	Parametric finite element analyses of detachable short links			Volume1, Issue2-3, Special Issue: Proceedings of Eurosteel 2017, September 2017	3	0.67
7	Splice Connection Details for Eccentrically Braced Frame Replaceable Links			Volume3, Issue3-4, Special Issue: Proceedings of Nordic Steel 2019, September 2019	3	0.67
8	Loss-of-stability vs yielding-type collapse mode in 3D steel structures under a column removal scenario: an analytical method of assessing the collapse mode	Experimental testing and numerical analysis of 3D steel frame system under column loss	Dinu Florea, Marginean Ioan, Dubina Dan, Petran Ioan	Proceedings of the Annual Stability Conference Structural Stability Research Council San Antonio, Texas, March 21-24, 2017	4	0.50
9	Partial Damage Distribution and Progressive Collapse of Buildings			Structures Congress 2020, Published online: April 02, 2020	4	0.50
10	Testing and Research on Pressure-Bearing Performance of Unbonded Prestressed High-Rise Structures			12th International Conference on Measuring Technology and Mechatronics Automation (ICMTMA), 2020	4	0.50
11	THE EFFECT OF ANALYSIS METHODS ON THE RESPONSE OF STEEL DUAL-SYSTEM FRAME BUILDINGS FOR SEISMIC RETROFITTING	Performance criteria for MR steel frames in seismic zones	Grecea Daniel, Dinu Florea, Dubina Dan	INTERNATIONAL JOURNAL OF ENGINEERING DECEMBER 2009 , Volume 22 , Number	3	0.67
12	Simplified procedures for the seismic assessment of structural component demands			Vienna Congress on Recent Advances in *Earthquake Engineering and S* ructural Dynamics 2013 (VEESD 2013) C. Adam, R. Heuer, W. Lenhardt & C. Schranz (eds), 28-30 August 2013, Vienna, Austria	3	0.67
13	Modelling connections of moment resisting steel frames for seismic analysis			SDSS'Rio 2010 International Colloquium on Stability and Ductility of Steel Structures : proceedings	3	0.67
14	Seismic performance of high-strength steel moment-resisting frames			Behaviour of Steel Structures in Seismic Areas: STESSA 2012, Santiago, Chile, 9-11 January 2012	3	0.67
15	EXPERIMENTAL ANALYSIS OF FRICTION MATERIALS FOR FREE from DAMAGE CONNECTIONS			16th World Conference on Earthquake Engineering, 16WCEE 2017 Santiago Chile, January 9th to 13th 2017	3	0.67
16	Innovative systems for seismic resistance: The INNOSEIS Project			Volume1, Issue2-3, Special Issue: Proceedings of Eurosteel 2017, September 2017	2	1.00
17	Cyclic analysis of steel plate shear walls with coupling			16th World Conference on Earthquake, 16WCEE 2017, Santiago Chile, January 9th to 13th 2017	2	1.00

18	ON THE APPROXIMATE PUSHOVER CURVES BASED ON ERROR DISTRIBUTION, USING MULTI-MODAL INCREMENTAL DYNAMIC ANALYSIS	Ductility demand for semi-rigid joint frames	Dan Dubina, Adrian Ciutina, Aurel Stratan, Florea Dinu	Ninth Canadian Conference on Earthquake Engineering Ottawa, Ontario, Canada 26-29 June 2007	4	0.50
19	Innovative systems for seismic resistance: The INNOSEIS Project	Re-centring capacity of dual-steel frames	D Dubina, A Stratan, F Dinu	Volume1, Issue2-3, Special Issue: Proceedings of Eurosteel 2017, September 2017	3	0.67
20	STRENGTH AND DUCTILITY OF BOLTED T-STUB MACROCOMPONENTS UNDER MONOTONIC AND CYCLIC LOADING	Experimental program for evaluation of moment beam-to-column joints of high strength steel components	Dan Dubina, Aurel Stratan, N. Muntean, Florea Dinu	SDSS'Rio 2010 STABILITY AND DUCTILITY OF STEEL STRUCTURES E. Batista, P. Vellasco, L. de Lima (Eds.) Rio de Janeiro, Brazil, September 8 - 10, 2010	3	0.67

3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv Erasmus)

3.2.1 Internationale

Nr. Crt	Manifestarea	Anul Luna Locul	Indicator realizat
			20.00
1	PROMOTION OF CIVIL SOCIETY DIALOG BETWEEN EU AND TURKEY PROJECT, Turk Yapisal Celik Dernegi (TUCSA)	2-3.03.2009	10.00
2	C25 & C26 Training School, Thessaloniki-Greece Sustainability in structures and structural interventions: Improving the contemporary and historical urban habitat constructions within a sustainability and risk assessment framework	17-24.05.2009	10.00

3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice. Rece
3.3.3 Membru în comitete ştiinţifice, organizator sau recenzor pentru manifestări ştiinţifice

Nr. Crt	Manifestarea/ Revista / Rolul	Anul/ Locul	Indicator realizat
			4.00
1	Membru in comitetul de organizare al "International Conference in Metal Structures, 20-22 September 2006	2006/ Poiana Brasov, Romania	
2	Membru in comitetul de organizare al SDSS'2016 International Colloquium on Stability and Ductility of Steel Structures	Mai 30 Iunie 1, 2016, Timisoara	
3	Recenzor lucrari conferinta „6'th International Conference on Thin Walled Structures - ICTWS 2011"	2011/ Timisoara, Romania	
4	The 10th International Conference on Behaviour of Steel Structures in Seismic Areas STESSA 2021, Timisoara, Romania, Membru comitet științific	26-28 May 2021	
5	A 16-a Conferință Națională de Construcții Metalice, Timișoara, 13-14 iunie 2019. Membru comitet științific	13-14 iunie 2019	
6	A 15-a Conferință Națională de Construcții Metalice, Iași, 16-17 noiembrie 2017. Membru comitet științific	16-17 noiembrie 2017	
7	A 14-a Conferință Națională de Construcții Metalice, Cluj-Napoca, Membru comitet științific.	22-24 noiembrie 2015	
8	A 13-a Conferință Națională de Construcții Metalice, București, Membru comitet științific.	21-22 noiembrie 2013	
9	A 12-a Conferință Națională de Construcții Metalice, Timișoara, Membru comitet științific.	26-27 noiembrie 2010	
10	Membru comitet organizare simpozion "Cercetări actuale în domeniul construcțiilor metalice: sisteme structurale şi soluții inovative", organizat în cadrul celei de-a XIII-a ediţii a "Zilelor academice Timişene"	24 mai 2013	

3.4 Experienta de management universitar sau de cercetare

3.4.1 Conducere

Nr. Crt	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				0.00
				0

3.4.2 Membru

Nr. Crt	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				28.00
1	Membru in Consiliul Departamentului CMMC	2012-2020	8	16
2	Membru CNATDCU, comisia de inginerie civila si management	2016-2017	2	4
3	Membru Scoala Doctorala IOSUD UPT	2016-2020	4	8