

LISTĂ PUBLICAȚII / PROIECTE DE CERCETARE

Se vor avea în vedere cele mai importante articole publicate / acceptate spre publicare conform Cap. III, Art.1, 1.3 din Regulament.
O publicație se menționează o singură dată.

I.

REVISTE (ISI, BDI și/sau B++)				
	TITLU	AUTORI	REVISTA	LINK / SITE
Autor principal****	Plastic Hinge vs. Distributed Plasticity in the Progressive Collapse Analysis	Botez Mircea, Bredean Lucian Ioani Adrian M.	<i>Acta Technica Napocensis: Civil Engineering & Architecture</i>	ISSN 1221-5848
	Improving the accuracy of progressive collapse risk assessment: Efficiency and contribution of supplementary progressive collapse resisting mechanisms	Botez Mircea, Bredean Lucian Ioani Adrian M.	<i>Computers & Structures</i>	ISSN 0045-7949
	The influence of beams design and the slabs effect on the progressive collapse resisting mechanisms development for RC framed structures	Bredean Lucian Botez Mircea	<i>Engineering Failure Analysis</i>	ISSN: 1350-6307
Coautor	Risk for Progressive Collapse of Seismically Designed RC Framed Structures: Long Side Column Case	Marchiș Adrian, Botez Mircea , Ioani Adrian M.	<i>Ovidius University Annals Series: Civil Engineering, Vol. 14</i>	ISSN 1584-5990

II.

Volume de rezumate**
naționale și/sau internaționale**

Prezentare orală (PO) / Poster (P)	TITLU	AUTORI	REVISTA	LINK / SITE
PO	Inelastic Demands of RC Structures: Corner Column Case in the Progressive Collapse Analysis	Botez Mircea, Bredean Lucian, Ioani Adrian M.	<i>Proceedings of the 4th International Conference in Civil Engineering – Science and Practice</i>	ISBN 978-86-82707-21-9
PO	The Influence of the Corner Column Damage Case on the Progressive Collapse Potential of Mid-Rise RC Framed Structures	Botez Mircea, Marchiș Adrian, Ioani Adrian M.	<i>Proceedings of the First International Conference for PhD Students in Civil Engineering</i>	ISBN 978-973-757-710-8
PO	Accuracy and Efficiency in Progressive Collapse Analysis: Real Structures vs. Successively Reduced Substructures	Botez Mircea, Bredean Lucian, Petran Ioan, Ioani Adrian M.	<i>Proceedings of Performance, Protection & Strengthening of Structures Under Extreme Loading - PROTECT 2013</i>	http://www.protect2013.com/
PO	Distributed Plasticity Concept in Progressive Collapse Risk Assessment of RC Structures	Botez Mircea, Bredean Lucian, Ioani Adrian M.	<i>Proceedings of the C60 International Conference</i>	ISBN 978-973-662-903-7
PO	Numerical Methods in Progressive Collapse Assessment of RC Framed Structures: FEM vs. AEM	Botez Mircea, Bredean Lucian, Ioani Adrian M.	<i>5th International Congress on Computational Mechanics and Simulation</i>	ISBN 978-981-09-1139-3
PO	Improving the Accuracy of Nonlinear Dynamic Analyses: The Contribution of Supplementary Progressive Collapse Resisting Mechanisms	Botez Mircea, Bredean Lucian, Ioani Adrian M.	<i>Proceedings of the Twelfth International Conference on Computational Structures Technology</i>	ISSN 1759-3433 ISBN 978-4-905088-61-4

Autor principal****

III.

PROIECTE (GRANTURI) DE CERCETARE				
Director proiect	TITLU	Nr. Contract	Perioadă	Nr. ani
Asist. Mircea Botez	CICDI-2017 Competiție Interna UTCN: ” Scenarii Avansate de Analiză la Colaps Progresiv a Structurilor din Beton Armat”	C.I.2007/2017	06.2017-06.2018	1
Asist. Marius Buru	CICDI-2017 Competiție Interna UTCN: ” Analiza avansată a structurilor în cadre compozite otel-beton cu interacțiune parțială și noduri semi-rigide”	C.I.2009/2017	06.2017-06.2018	1
Conf. Mihai Nedelcu	Grant UEFISCDI de tip Cecuri de Inovare: „Tehnologie de măsurare a forțelor în cablurile tensionate	29 C.I./2017	06.2017-12.2017	0.5

IV.

LUCRARI DIDACTICE PUBLICATE			
Calitate	TITLU	An publicare	Editura
Coautor	Îndrumător de lucrări la Rezistența Materialelor (I)	2017	UT Press
			ISBN
			978-606-737-276-2