

## LISTA PUBLICAȚIILOR

### a) Lucrări relevante ale candidatului (10 lucrări)

1. **A. Ciutina**, G. Danku, D. Dubina, „Influence of steel-concrete interaction in dissipative zones of frames: I – Experimental study” Steel and Composite Structures, Vol. 15, No. 3 (2013), ISSN 1229-9367, pp: 299-322.
2. G. Danku, **A. Ciutina**, D. Dubina, „Influence of steel-concrete interaction in dissipative zones of frames: II – Numerical study” Steel and Composite Structures, Vol. 15, No. 3 (2013), ISSN 1229-9367, pp: 323-348.
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4. Vulcu, C., Stratan, A., **Ciutina, A.**, Dubină , D. Beam-to-column joints for seismic resistant dual-steel structures, 2011, Pollack Periodica 6 (2) , pp. 49-60
5. **A. Ciutina**, Tuca, Iulia, Ugureanu, Viorel, Dubina Dan “Design of Buildings Including Environmental Impact”, Environmental Engineering and Management Journal, Vol. 9-2010 ISSN 1582-9596, pp. 1121-1133.
6. Florea Dinu, Dan Dubina, **A. Ciutina** ”Robustness performance of seismic resistant building frames under abnormal loads” proceedings of: „Structures and Architecture”, Guimaraes, Portugal, 21-23 July 2010, ISBN 978-0-415-49249-2.
7. D. Dubina, V. Ungureanu, **A. Ciutina**, I. Tuca, M. Mutiu, 2010 Sustainable detached family house — case study, Steel Construction, Volume 3, Issue 3, pages 154–162, September 2010
8. **A.L. Ciutina**, and D. Dubina “Column Web Stiffening of Steel Beam-to-Column Joints Subjected to Seismic Actions” ASCE, Journal of Structural Engineering, Vol.134, No.3, Mar. 2008, ISSN 0733 – 9445, pp.505-511.
9. **Ciutina, A.L.**, Dogariu, A., Behaviour of different connectors under monotonic and cyclic loading, Source: Proceedings of the 3rd International Conference on Steel and Composite Structures, ICSCS07 - Steel and Composite Structures, p 779-785, 2007.
10. A. Lachal, J.M. Aribert, **A. Ciutina**. “Seismic Performance of End-Plate Moment Resisting Composite Joints”, Proceedings of Composite Construction In Steel And Concrete V: July 18-23, 2004 The Kruger National Park Conference Centre Berg-en-Dal, Mpumalanga, South Africa Ed. by the American Society of Civil Engineers – ASCE, ISBN 0-7844-0826-2, pp. 631-640.

### b) Teza de doctorat

*Assemblages et comportement sismique de portiques en acier et mixtes acier - beton : experimentation et simulation numerique.* Doctor în domeniul de inginerie civilă acordat la L’Institut National des Sciences Appliquees de Rennes, No. INSAREN 273474 și atestat de către Ministerul Educației Naționale, Ordinul nr. 7217, din 09.12.2004.

### c) Cărți și capitole în cărți

#### Cărți

**Ciutina A** Comportarea structurilor în cadre compuse din oțel-beton și a îmbinărilor acestora, Editura Orizonturi Universitare, Timișoara, 2007 ISBN 978-973-638-337-3.

**Ciutina A** Design of Steel and Concrete Composite Elements, Timișoara, Ed. Orizonturi Universitare, 2014 ISBN 978-973-638-578-0

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**A. Ciutina**, A. Lachal „L’acier dans la Construction Moderne” Timișoara, Travaux du Colloque International – 2eme edition, 13-15 octombrie 2005, Editura Politehnica Timișoara, 2008, ISBN 978-973-625-682-0, 2008, 264 p.

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**f) Articole publicate în reviste naționale de specialitate**

A.A. Botici, V. Ungureanu, **A. Ciutina**, A. Botici, D. Dubina, Z. Nagy, M.J. Riihimäki, A. Talja, L.A. Fülöp, „Sustainability challenges of residential reinforced - concrete panel buildings”, Revista Urbanism, Arhitectura, Constructii Vol.5 Nr. 2/2014, ISSN 2069-0509 (print) / 2069-6469 (on-line), 2014, pp. 83-98.

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**A. Ciutina**, A. Stratan, D. Dubina "Comportarea îmbinărilor riglă-stâlp în cazul structurilor compuse din oțel-beton, multietajate și necontravântuite", Buletinul AICPS (Asociația Inginerilor Constructori Proiectanți de Structuri), n°. 3/2001 p. 26-32.

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**g) Articole publicate la conferințe internaționale de specialitate din străinătate**

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D. Dubina, A. Stratan, C. Vulcu, **A. Ciutina**, High strength steel in seismic resistant building frames, Proceedings of the 7<sup>th</sup> European Conference on Steel and Composite Structures, EUROSTEEL 2014, Napoli, Italy September 10-12, 2014, ISBN 978-92-9147-121-8.

C. Vulcu, A. Stratan, **A. Ciutina**, D. Dubina Steel-concrete connection in case of concrete filled rectangular hollow section columns, Proceedings of the 7<sup>th</sup> European Conference on Steel and Composite Structures, EUROSTEEL 2014, Napoli, Italy September 10-12, 2014, ISBN 978-92-9147-121-8.

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