

## LISTA LUCRĂRILOR PUBLICATE

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2. **Marchiș, A.G.**, Moldovan, T.S., Ioani, A.M. Flexural resistance of an old RC framed structure subjected to abnormal loads, *Proceedings of the 4<sup>th</sup> International Conference in Civil Engineering – Science and Practice*, ISBN 978-86-82707-21-9, Zabljak, Montenegro, 20-24 February, 2012.
3. **Marchis, A.G.**, Moldovan, T.S., Ioani, A.M. "The Behaviour of an Old Representative Reinforced Concrete Building subjected to Abnormal Loads", in *B.H.V. Topping, (Editor), "Proceedings of the Eleventh International Conference on Computational Structures Technology"*, Civil-Comp Press, Stirlingshire, UK, Paper 243, 2012. doi:10.4203/ccp.99.243.
4. **Marchiș, A.**, Botez, M., Ioani, A.M. Vulnerability to Progressive Collapse of Seismically Designed Reinforced Concrete Framed Structures in Romania, *Proceedings of the Fifteen World Conference on Earthquake Engineering*, Lisbon, Portugal, 24-28 September, 2012.
5. **Marchiș, A.G.**, Botez, M.D., Ioani, A.M. Risk for Progressive Collapse of Seismically Designed RC Framed Structures: Long Side Column Case, *Ovidius University Annals Series: Civil Engineering*, Vol. 14, ISSN 1584-5990, October, 2012.
6. Botez, M.D., **Marchiș, A.G.**, Ioani, A.M. . The Influence of the Corner Column Damage Case on the Progressive Collapse Potential of Mid-Rise RC Framed Structures, *Proceedings of the First International Conference for PhD Students in Civil Engineering*, ISBN 978-973-757-710-8, pp. 87-94, Cluj-Napoca, Romania, 4-7 November, 2012.
7. **Marchiș, A.G.**, Moldovan, T.S., Ioani, A.M. Progressive collapse resistance of low-rise RC framed structures from seismic areas, *Proceedings of the International Conference on Earthquake Engineering (SE-50EEE)*, ISBN 978-608-65185-2-3, Skopje, Macedonia, 29-31 May, 2013.
8. Oliveira, C.E.M., **Marchiș, A.G.**, Berke, P.Z., Silveira, R.A.M., Massart, T.J. Computational analysis of a RC planar frame using corotational multilayered beam FE, correlated to experimental results, *Proceedings of the 34<sup>th</sup> Iberian Latin-American Congress on Computational Methods in Engineering*, Z.J.G.N del Prado (Editor), ABMEC, Pirenopolis, Brasil, 10-13 November, 2013.

9. **Marchiș, A.G.**, Moldovan, T.S., Ioani, A.M. Progressive collapse potential of seismically designed RC framed structures subjected to column removal, *Proceedings of the C60 International Conference*, Cluj-Napoca, Romania, 7-9 November, ISBN 978-973-662-903-7, pp. 19-20, 2013.
10. **Marchiș, A.G.**, Moldovan, T.S., Ioani, A.M. The influence of the seismic design on the progressive collapse resistance of mid-rise RC framed structures, *Acta Technica Napocensis: Civil Engineering & Architecture*, Vol. 56, No. 2, pp. 222-234, 2013.
11. **Marchiș, A.G.**, Ioani, A.M. Numerical investigation of progressive collapse resistance for seismically designed RC buildings, *Buletinul Institutului Politehnic din Iași: Secția Construcții.Arhitectură*, Tomul LXIV, Fasc.1, pp.123-136, 2014.
12. **Marchiș, A.G.**, Ioani, A.M. The risk for progressive collapse of RC frame structures located in seismic areas in Romania, *Revista Construcții*, No.1, pp.3-11, 2014.
13. Moldovan, T.S, **Marchiș, A.G.**, Ioani, A.M. Progressive collapse analysis of an old RC structure subjected to extreme loading, *Proceedings of the International Scientific Conference People, Buildings and Environment 2014*, Kromeriz, Czech Republic, 15-17 October, 2014.
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