

Articole științifice în reviste și volume ale conferințelor:

Lista completă a articolelor științifice, in extenso (Google Scholar) conține 454 de titluri pentru lucrări publicate în reviste și volume ale conferințelor. Cele selecționate sunt lucrări indexate în Web of Science, Clarivate Analytics și care au peste 12 citări:

1. **Dubina D.**, Ciutina A., Stratan A., Cyclic tests of double-sided beam-to-column joints, *J. Struct. Engg., ASCE*, 127(2001), nr. 2, p. 126-136
2. **Dubina D.**, Stratan A., Behaviour of welded connections of moment resisting frames beam-to-column joints, *Engg. Struct.*, 24(2002), nr. 11, p. 1431-1440
3. **Dubina D.**, Ungureanu V., Effect of imperfections on numerical simulation of instability behaviour of cold-formed steel members, *Thin-Walled Structures*, 40(2002), nr. 3, p. 239-262
4. Fulop L.A., **Dubina D.**, Performance of wall-stud cold-formed shear panels under monotonic and cyclic loading: Part I: Experimental research, *Thin-Walled Struct.*, 42(2004), nr. 2, p. 321-338
5. Fulop L.A., **Dubina D.**, Performance of wall-stud cold-formed shear panels under monotonic and cyclic loading: Part II: Numerical Modelling and performance analysis, *Thin-Walled Struct.*, 42(2004), nr. 2, p. 339-349
6. Grecea D., Dinu, F., **Dubina D.**, Performance criteria for MR steel frames in seismic zones, *J. of Constr. Steel Resc.*, 60(2004), nr. 3-5, p. 739-749
7. Ungureanu V., **Dubina D.**, Recent research advances on ECBL approach. Part I: Plastic-elastic interactive buckling of cold-formed steel sections, *Thin-Walled Struct.*, 42(2004), nr. 2, p. 177-194.
8. Fulop L.A., **Dubina D.**, Design criteria for seam and sheeting-to-framing connections of cold-formed steel shear panels, *J. of Struct. Engg., ASCE*, 132(2006), p. 582-590
9. Zaharia R., **Dubina D.**, Stiffness of joints in bolted connected cold-formed steel trusses, *J. Constr. Steel Resc.*, 62(2006), p. 240-249
10. **Dubina D.**, Stratan A., Dinu F., Dual high-strength steel eccentrically braced frames with removable links, *Earthquake Engineering & Structural Dynamics*, 37(2008), nr. 15, p. 1703-1720
11. **Dubina D.**, Behaviour and performance of cold-formed steel-framed houses under seismic action, *J. of Constr. Steel Resc.*, 64(2008), nr. 7-8, p. 896-913
12. **Dubina D.**, Structural analysis and design assisted by testing of cold-formed steel structures, *Thin-Walled Struct.*, 46(2008), nr. 7-9, p. 741-764
13. Crisan A., Ungureanu, V., **Dubina D.**, Behaviour of cold-formed steel perforated sections in compression. Part 1 – Experimental investigations, *Thin-Walled Struct.*, 61(2012), p. 86-96

14. Crisan A., Ungureanu, V., **Dubina D.**, Behaviour of cold-formed steel perforated sections in compression. Part 2 – Numerical investigations and design consideration, *Thin-Walled Struct.*, 61(2012), p. 97-105
15. **Dubina D.**, Ungureanu V., Instability mode interaction: From Van Der Neut model to ECBL approach, *Thin-Walled Struct.*, 81(2014), p. 39-49
16. Dinu F., Marginean I., **Dubina D.**, Experimental testing and numerical modelling of steel moment-frame connections under column loss, *Engg. Struct.*, 151(2017), 861-878
17. Dinu F., Marginean I., **Dubina D.**, et.al., Experimental testing and numerical analysis of 3D steel frame system under column loss, *Engg. Struct.*, 113(2019), p. 59-70
18. **Dubina D.**, Ungureanu V., Behaviour of multi-span cold-formed Z-purlins with bolted lapped connections, *Thin-Walled Structures*, 48(2010), nr. 10-11, p. 866-871
19. Ioan A., Stratan A., **Dubina D.**, Experimental validation of re-centring capability of eccentrically braced frames with removable links, *Engg. Struct.*, 113(2016), p. 335-346
20. Dinu F., **Dubina D.**, Mărginean I., Improving the structural robustness of multi-story steel-frame buildings, *Structure and Infrastructure Engineering*, 11(2015), nr. 8, p. 1028-1041
21. **Dubina D.**, Ungureanu V., Gilia L., Experimental investigations of cold-formed steel beams of corrugated web and built-up section for flanges, *Thin-Walled Struct.*, 90(2015), p. 159-170
22. **Dubina D.**, Zaharia R., Cold-formed steel trusses with semi-rigid joints, *Thin-Walled Struct.*, 29(1996), nr. 1-4, p. 273-287
23. **Dubina D.**, Dinu F., Experimental evaluation of dual frame structures with thin-walled steel panels, *Thin-Walled Struct.*, 78(2014), p. 57-69
24. Szabo L.F., **Dubina D.**, Recent research advances on the ECBL approach. Part II: Interactive buckling of perforated sections, *Thin-Walled Struct.*, 42(2004), nr. 2, p. 195-210
25. **Dubina D.**, Ciutina A., Stratan A., Cyclic tests on bolted steel and composite double-sided beam-to-column joints, *Steel & Composite Structures*, 2(2002), nr. 2, p. 147-160
26. Vulcu, C., Stratan, A., Ciutina A., **Dubina D.**, Beam-to-CFT high-strength joints with external diaphragm. I: Design and experimental validation, *J. of Struct. Engg., ASCE*, 143(2017), nr. 5, art. 04017001
27. Zagari G., Zucco.G., Madeo A., Ungureanu V., **Dubina D.**, Evaluation of the erosion of critical buckling load of cold-formed steel members in compression based on Koiter asymptotic analysis, *Thin-Walled Struct.*, 108(2016), p. 193-204
28. Kotelko M., Ungureanu V., **Dubina D.**, Plastic strength of thin-walled plated members – Alternative solutions review, *Thin-Walled Struct.*, 49(2011), nr. 5, p. 636-644

Articole indexate WOS, Clarivate Analytics, publicate în 2019-2020:

1. Stratan A., Zub C.I., Dubina D., Prequalification of a set of buckling restrained braces: Part I – experimental tests, *Steel and Composite Struct.*, 34(2020), p. 547-559 (Q1, IF 4.394)
2. Stratan A., Zub C.I., Dubina D., Prequalification of a set of buckling restrained braces: Part II – numerical simulations, *Steel and Composite Struct.*, 34(2020), p. 561-580 (Q1, IF 4.394)
3. Dubina D., Marginean I., Dinu F., Impact modelling for progressive collapse assessment of selective rack systems, *Thin-Walled Struct.*, 143(2019), art. 106201 (Q1, IF 4.033)

Articole publicate în revista „Academica“:

1. Dubină D., Academicieni, ingineri constructori în Academia Română „făuritori de școală“, *Academica*, XXVI(2016), nr. 6/Iunie, p. 8-12
2. Dubina D., Zilele Academice Timișene – Ediția XVI-a, 2019. Preambul, *Academica*, XXIX(2019), nr. 6-7/Iunie-Iulie, p. 93-94
3. Dubina D., Reflecții asupra misiunii „universității” la începutul secolului XXI, *Academica*, XXVI(2019), nr. 6-7/Iunie-Iulie, p. 95-97
4. Dubina D., Școala de cercetare și ingineria construcțiilor metalice de la Timișoara. Repere istorice, parcurs, consacrare și recunoaștere internațională, Discurs prezentat la Academia Română în 26 Septembrie 2019, publicat în *Academica*, XXIX(2019), nr. 10-11/Octombrie-Noiembrie, p. 45-58

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- Int. Conf. on Coupled Instabilities in Metal Structures – CIMS, ediția inaugurală la Timișoara în 12-14 octombrie 1992. Au urmat edițiile: Liège, 1996; Lisbon, 2000; Rome 2004; Sydney, 2008; Glasgow, 2012; Baltimore 2016; Lodz, 2021.