Nikolina Zivaljic

List of Publications by Year
in descending order

		1163117	794594
23 papers	367 citations	8 h-index	19 g-index
23 all docs	23 docs citations	23 times ranked	209 citing authors

#	ARTICLE	IF	CITATIONS
1	A combined finite-discrete element analysis of dry stone masonry structures. Engineering Structures, 2013, 52, 89-100.	5.3	93
2	Numerical analysis of 3D dry-stone masonry structures by combined finite-discrete element method. International Journal of Solids and Structures, 2018, 136-137, 150-167.	2.7	60
3	A combined finite–discrete numerical model for analysis of masonry structures. Engineering Fracture Mechanics, 2015, 136, 1-14.	4.3	36
4	Structural applications of the combined finite–discrete element method. Computational Particle Mechanics, 2020, 7, 1029-1046.	3.0	35
5	A finite-discrete element model for dry stone masonry structures strengthened with steel clamps and bolts. Engineering Structures, 2015, 90, 117-129.	5.3	32
6	A combined finite-discrete element model for RC structures under dynamic loading. Engineering Computations, 2013, 30, 982-1010.	1.4	26
7	Computational aspects of the combined finite–discrete element method in modelling of plane reinforced concrete structures. Engineering Fracture Mechanics, 2014, 131, 669-686.	4.3	22
8	Numerical modelling of reinforced-concrete structures under seismic loading based on the finite element method with discrete inter-element cracks. Earthquake Engineering and Structural Dynamics, 2017, 46, 159-178.	4.4	16
9	Overview of the methods for the modelling of historical masonry structures. Gradevinar, 2013, 65, 603-618.	0.2	8
10	Modelling of the Influence of Metal Connectors on the Resistance of Historical Dry-Stone Masonry Structures. International Journal of Architectural Heritage, 2020, 14, 1468-1483.	3.1	6
11	Seismic resistance of dry stone arches under in-plane seismic loading. Structural Engineering and Mechanics, 2016, 58, 243-257.	1.0	6
12	Stability of rigid blocks exposed to single-pulse excitation. Acta Mechanica, 2016, 227, 1671-1684.	2.1	4
13	A computationally efficient numerical model for a dynamic analysis of beam type structures based on the combined finite–discrete element method. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 651-665.	0.9	4
14	Numerical Simulation of the Ancient Protiron Structure Model Exposed to Seismic Loading. International Journal of Architectural Heritage, 2021, 15, 779-789.	3.1	4
15	Nonlinear analysis of engineering structures by combined finite-discrete element method. Gradevinar, 2013, 65, 331-344.	0.2	4
16	Numerical analysis of masonry structures by finite-discrete element model. International Journal of Masonry Research and Innovation, 2016, 1, 330.	0.4	3
17	Numerical simulation of reinforced concrete structures under impact loading. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 599-610.	0.9	3
18	Finite strain numerical model for the nonlinear analysis of thin shells. Engineering Structures, 2021, 234, 111964.	5.3	3

#	Article	IF	Citations
19	Aspects of the hybrid finite discrete element simulation technology in science and engineering. International Journal for Engineering Modelling, 2020, 32, .	0.2	1
20	ANALYSIS OF METAL CONNECTORâ€™S EFFECT ON SEISMIC RESISTANCE OF DRY STONE-MASONRY STRUCTURES. , 2019, , .		1
21	Three-Dimensional Finite-Discrete Element Framework for the Fracturing of Reinforced Concrete Structures. Tehnicki Vjesnik, 2019, 26, .	0.2	0
22	FINITE-DISCRETE NUMERICAL MODELLING OF REINFORCED CONCRETE STRUCTURES. , 2016, , .		0
23	Numerical analysis of masonry structures by finite-discrete element model. International Journal of Masonry Research and Innovation, 2016, 1, 330.	0.4	0