

Alen Harapin

List of Publications by Year in descending order

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papers

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citations

1307594

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33
all docs

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docs citations

33
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Model for the Simulation of the Time-Dependent State in RC Elements. Applied Sciences (Switzerland), 2022, 12, 1501.	2.5	1
2	Shear effect on seismic behaviour of masonry walls. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 565-579.	0.9	0
3	Fluid Structure Interaction Analysis of Liquid Tanks by the Coupled SPH - FEM Method with Experimental Verification. Defect and Diffusion Forum, 2019, 391, 152-173.	0.4	1
4	Analysis of the concrete shrinkage effects on the real behavior of the spatial concrete and reinforced concrete structures using the thermal analogy. Engineering Computations, 2019, 37, 1451-1472.	1.4	3
5	Shake table testing of an open rectangular water tank with water sloshing. Journal of Fluids and Structures, 2018, 81, 97-115.	3.4	26
6	A Case Study on Construction Technology for the Reinforced Concrete Dome of the ViÅ¡njik Sports Hall, Zadar, Croatia. International Review of Civil Engineering, 2018, 9, 131.	0.1	1
7	SPH study of earthquake-generated sloshing in medium size tanks. Gradevinar, 2018, 70, 671-684.	0.2	4
8	10.34: Creep properties of grade S275JR steel at high temperature. Ce/Papers, 2017, 1, 2806-2810.	0.3	1
9	Modelling of the Influence of Creep Strains on the Fire Response of Stationary Heated Steel Members. Journal of Structural Fire Engineering, 2015, 6, 155-176.	0.8	5
10	Impact of vibrations on the final characteristics of normal and self-compacting concrete. Materials Research, 2014, 17, 178-185.	1.3	20
11	The effect of traditional reinforcement " prestressed reinforcement ratio on the behaviour of concrete beams. Materialwissenschaft Und Werkstofftechnik, 2014, 45, 234-243.	0.9	1
12	The effect of flexibility in ground storey of concrete walls and infilled frames on their seismic response. Materialwissenschaft Und Werkstofftechnik, 2014, 45, 244-257.	0.9	2
13	The Effect of Vertical Load on Seismic Response of Masonry Walls. Advanced Structured Materials, 2014, , 17-33.	0.5	0
14	Numerical dynamic tests of masonry-infilled RC frames. Engineering Structures, 2013, 50, 43-55.	5.3	18
15	Experimental verification of a newly developed implicit creep model for steel structures exposed to fire. Engineering Structures, 2013, 57, 116-124.	5.3	26
16	Modelling of Steel Creep at High Temperatures Using an Implicit Creep Model. Key Engineering Materials, 2013, 553, 13-22.	0.4	6
17	Experimental testing of wood-concrete and steel-concrete composite elements in comparison with numerical testing. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 562-570.	0.9	2
18	Effect of horizontal ring beams on the ultimate bearing capacity of masonry walls. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 436-448.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Parametric analysis of constant-moment zone length in four point bending of reinforced concrete beams. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2013, 44, 449-457.	0.9	2
20	Stirrup effects on compressive strength and ductility of confined concrete columns. <i>World Journal of Engineering</i> , 2013, 10, 497-506.	1.6	7
21	Effect of confined concrete on compressive strength of RC beams. <i>Advances in Concrete Construction</i> , 2013, 1, 215-225.	0.4	2
22	The behaviour of structures under fire - numerical model with experimental verification. <i>Steel and Composite Structures</i> , 2013, 15, 247-266.	1.3	1
23	Experimental Testing of the Effects of Fine Particles on the Properties of the Self-Compacting Lightweight Concrete. <i>Advances in Materials Science and Engineering</i> , 2012, 2012, 1-8.	1.8	20
24	Numerical Model for Static and Dynamic Analysis of Masonry Structures. <i>Advanced Structured Materials</i> , 2012, , 1-33.	0.5	9
25	Numerical Model for Fluid-Structure Coupled Problems Under Seismic Load. <i>Advanced Structured Materials</i> , 2012, , 175-198.	0.5	0
26	Influence of vertical tie columns on bearing capacity of masonry walls. <i>Gradevinar</i> , 2012, 64, 271-284.	0.2	1
27	The null configuration model in limit load analysis of steel space frames. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2011, 42, 417-428.	0.9	5
28	Model of Large Displacements in Static Analysis of Shell. <i>Advanced Structured Materials</i> , 2010, , 149-163.	0.5	0
29	WYD method for an eigen solution of coupled problems. <i>International Journal of Multiphysics</i> , 2009, 3, 167-176.	0.1	3
30	Numerical model for composite structures with experimental confirmation. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2008, 39, 143-156.	0.9	3
31	Numerical Model for Crack Width Calculation in Concrete Elements. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2006, 16, 59-65.	0.8	5
32	Effect of the Shear Force on the Failure of Spatial Concrete Framework Structures. <i>Key Engineering Materials</i> , 0, 553, 67-80.	0.4	1
33	GLAVNI PROJEKT TRGOVAČEKOG CENTRA "PORTANOVA" U OSIJEKU: BETONSKI DIJELOVI GRAĐEVINE. E-GFOS ₃₀ , , .		0