

List of Publications by Year in descending order

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64
papers

1,682
citations

331670

21
h-index

289244

40
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64
all docs

64
docs citations

64
times ranked

1095
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and mechanical properties of fiber-reinforced seawater sea-sand concrete under elevated temperatures. <i>Journal of Building Engineering</i> , 2022, 50, 104140.	3.4	9
2	Fracture Toughness and Impact Resistance of Fiber-Reinforced Seawater Sea-Sand Concrete. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	6
3	Retrofitting of damaged reinforced concrete pipe with CAC-GGBFS blended strain hardening cementitious composite (SHCC). <i>Thin-Walled Structures</i> , 2022, 176, 109351.	5.3	4
4	Sorptivity and mechanical properties of fiber-reinforced concrete made with seawater and dredged sea-sand. <i>Construction and Building Materials</i> , 2021, 270, 121436.	7.2	50
5	Push-off and Pull-out Bond Behaviour of CRC Composite Slabs – An Experimental Investigation. <i>Engineering Structures</i> , 2021, 228, 111480.	5.3	20
6	Dynamic performance of rubberised concrete and its structural applications – An overview. <i>Engineering Structures</i> , 2021, 234, 111990.	5.3	34
7	Structural performance of novel thin-walled composite cold-formed steel/PE-ECC beams. <i>Thin-Walled Structures</i> , 2021, 162, 107586.	5.3	19
8	Mesoscale analysis of rubber particle effect on young's modulus and creep behaviour of crumb rubber concrete. <i>International Journal of Mechanics and Materials in Design</i> , 2021, 17, 659-678.	3.0	8
9	Resilient Civil Infrastructure under Dynamic Loadings 2020. <i>Shock and Vibration</i> , 2021, 2021, 1-1.	0.6	0
10	A comprehensive review on the mechanical properties of waste tire rubber concrete. <i>Construction and Building Materials</i> , 2020, 237, 117651.	7.2	233
11	Experimental study on crumb rubberised concrete (CRC) and reinforced CRC slabs under static and impact loads. <i>Australian Journal of Structural Engineering</i> , 2020, 21, 294-306.	1.1	11
12	Case Study of the Structural Performance of Composite Slabs with Low Strength CRC Delivered by Concrete Truck. <i>Case Studies in Construction Materials</i> , 2020, 13, e00453.	1.7	5
13	Development of Crumb Rubber Concrete for Practical Application in the Residential Construction Sector – Design and Processing. <i>Construction and Building Materials</i> , 2020, 260, 119813.	7.2	74
14	Structural performance of composite panels made of profiled steel skins and foam rubberised concrete under axial compressive loads. <i>Engineering Structures</i> , 2020, 211, 110448.	5.3	32
15	Strain hardening behaviour of PE fibre reinforced calcium aluminate cement (CAC) – Ground granulated blast furnace (GGBFS) blended mortar. <i>Construction and Building Materials</i> , 2020, 241, 118100.	7.2	22
16	Influence of rubber particles on the properties of foam concrete. <i>Journal of Building Engineering</i> , 2020, 30, 101217.	3.4	41
17	Structural behaviour of composite panels made of profiled steel sheets and foam rubberised concrete under monotonic and cyclic shearing loads. <i>Thin-Walled Structures</i> , 2020, 151, 106726.	5.3	26
18	Small-Scale Pull-Out Testing on Bond Behaviour of Profiled Steel Reinforced CRC Composite Slabs. <i>Lecture Notes in Civil Engineering</i> , 2020, , 783-792.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Structural Properties of Lightweight Rubberized Concrete. Lecture Notes in Civil Engineering, 2020, , 53-60.	0.4	1
20	Mix Design and Mechanical Properties of Rubberized Cement Stabilized Soil (RCSS) Pavers. Lecture Notes in Civil Engineering, 2020, , 591-603.	0.4	0
21	Fresh and Hardened Properties of Innovative Foamed-Rubberized Concrete. Lecture Notes in Civil Engineering, 2020, , 33-44.	0.4	1
22	Novel approach to improve crumb rubber concrete strength using thermal treatment. Construction and Building Materials, 2019, 229, 116901.	7.2	77
23	Wind tunnel test on aerodynamic coefficients of multi-bundled conductors under skew winds. Journal of Fluids and Structures, 2019, 91, 102702.	3.4	4
24	Cyclic Performance of Steel-Concrete-Steel Sandwich Beams with Rubcrete and LECA Concrete Core. Journal of Composites Science, 2019, 3, 5.	3.0	15
25	Influence of Mixing Procedures, Rubber Treatment, and Fibre Additives on Rubcrete Performance. Journal of Composites Science, 2019, 3, 41.	3.0	70
26	Cyclic performance of bolted cruciform and splice connectors in retrofitted transmission tower legs. Thin-Walled Structures, 2018, 122, 264-285.	5.3	8
27	Numerical simulation of downburst wind flow over real topography. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 172, 85-95.	3.9	20
28	Buckling Analysis of Laminated Composite Plate on Tensionless Elastic Foundations Under Uniaxial Compression. International Journal of Structural Stability and Dynamics, 2018, 18, 1850079.	2.4	7
29	Cyclic performance of reinforced legs in retrofitted transmission towers. Archives of Civil and Mechanical Engineering, 2018, 18, 1608-1625.	3.8	7
30	Resilient Civil Infrastructure under Dynamic Loadings. Shock and Vibration, 2018, 2018, 1-1.	0.6	0
31	Local buckling of thin plate on tensionless elastic foundations under interactive uniaxial compression and shear. Theoretical and Applied Mechanics Letters, 2018, 8, 75-82.	2.8	3
32	A review of transmission line systems under downburst wind loads. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 503-513.	3.9	35
33	Unilateral contact buckling behaviour of orthotropic plates subjected to combined in-plane shear and bending. International Journal of Solids and Structures, 2018, 150, 135-153.	2.7	5
34	Local buckling of profiled skin sheets resting on tensionless elastic foundations under in-plane shear loading. European Journal of Mechanics, A/Solids, 2016, 58, 131-139.	3.7	4
35	End condition effect on initial buckling performance of thin plates resting on tensionless elastic or rigid foundations. International Journal of Mechanical Sciences, 2016, 105, 83-89.	6.7	10
36	Local buckling of profiled skin sheets resting on tensionless elastic foundations under uniaxial compression. Thin-Walled Structures, 2016, 103, 81-89.	5.3	5

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37	Review of the Performance of High-Strength Rubberized Concrete and Its Potential Structural Applications. <i>Advances in Civil Engineering Materials</i> , 2016, 5, 20150026.	0.6	16
38	Modeling of retrofitted steel transmission towers. <i>Journal of Constructional Steel Research</i> , 2015, 112, 138-154.	3.9	21
39	Implication of multi-walled carbon nanotubes on polymer/graphene composites. <i>Materials & Design</i> , 2015, 65, 690-699.	5.1	99
40	The structural effect of bolted splices on retrofitted transmission tower angle members. <i>Journal of Constructional Steel Research</i> , 2014, 95, 263-278.	3.9	31
41	Finite element modelling and dilation of FRP-confined concrete columns. <i>Engineering Structures</i> , 2014, 79, 70-85.	5.3	77
42	Empirical models for predicting unsteady-state downburst wind speeds. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014, 129, 49-63.	3.9	18
43	An experimental investigation of crumb rubber concrete confined by fibre reinforced polymer tubes. <i>Construction and Building Materials</i> , 2014, 53, 522-532.	7.2	210
44	A coupled parametric-CFD study for determining ages of downbursts through investigation of different field parameters. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013, 123, 30-42.	3.9	11
45	An analytical model for simulating steady state flows of downburst. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013, 115, 53-64.	3.9	27
46	Modelling of steel lattice tower angle legs reinforced for increased load capacity. <i>Engineering Structures</i> , 2012, 43, 160-168.	5.3	42
47	Vibration control of adjacent buildings considering pile-soil-structure interaction. <i>JVC/Journal of Vibration and Control</i> , 2012, 18, 684-695.	2.6	11
48	Experimental study on multi-panel retrofitted steel transmission towers. <i>Journal of Constructional Steel Research</i> , 2012, 78, 58-67.	3.9	38
49	Synthesis of Vibration Waves Based on Wavelet Technology. <i>Shock and Vibration</i> , 2012, 19, 391-403.	0.6	0
50	Experimental study and numerical simulation on compressive buckling behavior of thin steel skins in unilateral contact with rigid constraints. <i>Frontiers of Architecture and Civil Engineering in China</i> , 2011, 5, 335-343.	0.4	3
51	Shear buckling of infinite plates resting on tensionless elastic foundations. <i>European Journal of Mechanics, A/Solids</i> , 2011, 30, 1024-1027.	3.7	12
52	SEISMIC CONTROL OF MULTI-ADJACENT-BUILDING SYSTEMS. <i>International Journal of Structural Stability and Dynamics</i> , 2010, 10, 21-35.	2.4	5
53	A Force Method Model for Dynamic Analysis of Flat-Sag Cable Structures. <i>Shock and Vibration</i> , 2009, 16, 623-635.	0.6	3
54	Static analysis of an infinite beam resting on a tensionless Pasternak foundation. <i>European Journal of Mechanics, A/Solids</i> , 2009, 28, 697-703.	3.7	52

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55	Response of an infinite beam resting on a tensionless elastic foundation subjected to arbitrarily complex transverse loads. <i>Mechanics Research Communications</i> , 2009, 36, 818-825.	1.8	17
56	Grey forecasting model for active vibration control systems. <i>Journal of Sound and Vibration</i> , 2009, 322, 690-706.	3.9	13
57	Unilateral contact buckling of lightly profiled skin sheets under compressive or shearing loads. <i>International Journal of Solids and Structures</i> , 2008, 45, 840-849.	2.7	24
58	Initial Compressive Buckling of Clamped Plates Resting on Tensionless Elastic or Rigid Foundations. <i>Journal of Engineering Mechanics - ASCE</i> , 2008, 134, 514-518.	2.9	16
59	Compressive buckling analysis of plates in unilateral contact. <i>International Journal of Solids and Structures</i> , 2007, 44, 2852-2862.	2.7	33
60	Nonlinear discrete analysis method for random vibration of guyed masts under wind load. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2003, 91, 513-525.	3.9	12
61	Theoretical research on naturally curved and twisted beams under complicated loads. <i>Computers and Structures</i> , 2002, 80, 2529-2536.	4.4	21
62	A Force Method Model for Static Analysis of Transmission Line System Subjected to in-Plane and Out-of-Plane Loadings. <i>Advanced Materials Research</i> , 0, 368-373, 3535-3538.	0.3	0
63	A Nonlinear Force Method Model for Dynamic Analysis of Cable Trusses. <i>Advanced Materials Research</i> , 0, 250-253, 2281-2284.	0.3	2
64	A Review of Skin Buckling Theory in Composite Members. <i>Applied Mechanics and Materials</i> , 0, 846, 312-317.	0.2	1