

Nor Hafizah Ramli Sulong

List of Publications by Year in descending order

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86
papers

2,732
citations

147801

31
h-index

197818

49
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89
all docs

89
docs citations

89
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review of the utilization of waste materials as aggregate replacement in stone matrix asphalt mixes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35557-35582.	5.3	11
2	Evaluation of the CO ₂ emissions of an innovative composite precast concrete structure building frame. <i>Journal of Cleaner Production</i> , 2020, 242, 118567.	9.3	16
3	Development of lightweight aggregate mortar skin layer for an innovative sandwich concrete composite. <i>Journal of Building Engineering</i> , 2020, 27, 100941.	3.4	11
4	Performance of dowel beam-to-column connections for precast concrete systems under seismic loads: A review. <i>Construction and Building Materials</i> , 2020, 237, 117582.	7.2	46
5	Seismic performance of innovative hybrid precast reinforced concrete beam-to-column connections. <i>Engineering Structures</i> , 2020, 202, 109886.	5.3	45
6	Analysis and review of concrete-filled double skin steel tubes under compression. <i>Thin-Walled Structures</i> , 2020, 148, 106495.	5.3	73
7	Synergistic effect of industrial- and bio-fillers waterborne intumescent hybrid coatings on flame retardancy, physical and mechanical properties. <i>Progress in Organic Coatings</i> , 2020, 149, 105905.	3.9	7
8	Performance evaluation of stone mastic asphalt (SMA) mixtures with palm oil clinker (POC) as fine aggregate replacement. <i>Construction and Building Materials</i> , 2020, 262, 120546.	7.2	20
9	Fire resistance performance of composite coating with geopolymers-based bio-fillers for lightweight panel application. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49558.	2.6	17
10	Effect of Palm Oil Clinker (POC) Aggregate on the Mechanical Properties of Stone Mastic Asphalt (SMA) Mixtures. <i>Sustainability</i> , 2020, 12, 2716.	3.2	13
11	Characterizing the Cyclic Behavior of Stiffened SPSWs. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 1691-1706.	1.9	3
12	Experimental Investigation on Fatigue Behavior of Wide-Flange Steel I-Beams Strengthened Using Different CFRP End Cutting Shapes. <i>International Journal of Steel Structures</i> , 2019, 19, 760-768.	1.3	3
13	Investigation of tendon dynamics effects on tension leg platform response in random seas. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2019, 233, 1082-1102.	0.5	1
14	Application of expanded polystyrene (EPS) in buildings and constructions: A review. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47529.	2.6	115
15	Combustion of waterborne intumescent flame-retardant coatings with hybrid industrial filler and biofiller. <i>Journal of Coatings Technology Research</i> , 2019, 16, 543-553.	2.5	7
16	Predicting the Mechanical Properties of Concrete Using Intelligent Techniques to Reduce CO ₂ Emissions. <i>Materiales De Construccion</i> , 2019, 69, 190.	0.7	9
17	CFRP strips for enhancing flexural performance of RC beams by SNSM strengthening technique. <i>Construction and Building Materials</i> , 2018, 165, 28-44.	7.2	40
18	Pull-out performance of a novel anchor blind bolt (TubeBolt) for beam to concrete-filled tubular (CFT) column bolted connections. <i>Thin-Walled Structures</i> , 2018, 124, 402-414.	5.3	17

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19	An investigation into waterborne intumescent coating with different fillers for steel application. Pigment and Resin Technology, 2018, 47, 142-153.	0.9	31
20	On the behaviour of mid-connection in off-centre bracing system. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2018, 171, 598-610.	0.8	1
21	New approach for developing soft computational prediction models for moment and rotation of boltless steel connections. Thin-Walled Structures, 2018, 133, 206-215.	5.3	11
22	Experimental and numerical study of flexural behavior of novel oil palm concrete filled steel tube exposed to elevated temperature. Journal of Cleaner Production, 2018, 205, 95-114.	9.3	13
23	Flexural behaviour of steel hollow sections filled with concrete that contains OPBC as coarse aggregate. Journal of Constructional Steel Research, 2018, 148, 287-294.	3.9	10
24	Cyclic performance of stiffened steel plate shear walls with various configurations of stiffeners. Journal of Vibroengineering, 2018, 20, 459-476.	1.0	12
25	Feasibility study on the use of high volume palm oil clinker waste in environmental friendly lightweight concrete. Construction and Building Materials, 2017, 135, 94-103.	7.2	55
26	Recent research on cold-formed steel beams and columns subjected to elevated temperature: A review. Construction and Building Materials, 2017, 144, 686-701.	7.2	28
27	FE modelling of the flexural behaviour of square and rectangular steel tubes filled with normal and high strength concrete. Thin-Walled Structures, 2017, 119, 470-481.	5.3	47
28	Development and testing of hybrid precast concrete beam-to-column connections under cyclic loading. Construction and Building Materials, 2017, 151, 258-278.	7.2	98
29	Crashworthiness of G4(2W) guardrail system: a finite element parametric study. International Journal of Crashworthiness, 2017, 22, 169-189.	1.9	3
30	Seismic performance of a new through rib stiffener beam connection to concrete-filled steel tubular columns: An experimental study. Engineering Structures, 2017, 131, 477-491.	5.3	29
31	Nonlinear dynamic response of tension leg platform under environmental loads. KSCE Journal of Civil Engineering, 2017, 21, 1022-1030.	1.9	10
32	Stochastic Response of Intact and a Removed Tendon Tension Leg Platform to Random Wave and Current Forces. Arabian Journal for Science and Engineering, 2017, 42, 1065-1076.	3.0	10
33	Effects of Lateral Bracing and Stiffeners on the CFRP Failure of Strengthened Steel Beams. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012021.	0.6	3
34	Finite element analysis on the structural behaviour of square CFST beams. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012018.	0.6	1
35	Class Fiber Reinforced Polymer (GFRP) Bars for Enhancing the Flexural Performance of RC Beams Using Side-NSM Technique. Polymers, 2017, 9, 180.	4.5	30
36	Performance of solvent-borne intumescent fire protective coating with Palm oil clinker as novel bio-filler on steel. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012027.	0.6	3

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37	Performance of Palm Oil Clinker as a Bio-Filler with Hybrid Fillers in Intumescent Fire Protective Coatings for Steel. Sains Malaysiana, 2017, 46, 2489-2496.	0.5	7
38	STRUCTURAL PERFORMANCE OF BOLTLESS BEAM END CONNECTORS. , 2017, , 144-159.		1
39	Shear Capacity of C-Shaped and L-Shaped Angle Shear Connectors. PLoS ONE, 2016, 11, e0156989.	2.5	42
40	Comparative performance of channel and angle shear connectors in high strength concrete composites: An experimental study. Construction and Building Materials, 2016, 120, 382-392.	7.2	115
41	State-of-the-art review on the design and performance of steel pallet rack connections. Engineering Failure Analysis, 2016, 66, 240-258.	4.0	48
42	A new sustainable composite column using an agricultural solid waste as aggregate. Journal of Cleaner Production, 2016, 129, 282-291.	9.3	20
43	Nonlinear Response of Tension Leg Platform Subjected to Wave, Current and Wind Forces. International Journal of Civil Engineering, 2016, 14, 521-533.	2.0	8
44	Behavior of steel pallet rack beam-to-column connections at elevated temperatures. Thin-Walled Structures, 2016, 106, 471-483.	5.3	34
45	Effect of axial restraints on top-seat angle connections at elevated temperatures. KSCE Journal of Civil Engineering, 2016, 20, 2375-2383.	1.9	4
46	Investigation of through beam connection to concrete filled circular steel tube (CFCST) column. Journal of Constructional Steel Research, 2016, 121, 144-162.	3.9	70
47	Pitch spacing effect on the axial compressive behaviour of spirally reinforced concrete-filled steel tube (SRCFT). Thin-Walled Structures, 2016, 100, 213-223.	5.3	34
48	Behavior of V-shaped angle shear connectors: experimental and parametric study. Materials and Structures/Materiaux Et Constructions, 2016, 49, 3909-3926.	3.1	59
49	Behavior of Industrial Steel Rack Connections. Mechanical Systems and Signal Processing, 2016, 70-71, 725-740.	8.0	35
50	Performance of shear connectors at elevated temperatures - A review. Steel and Composite Structures, 2016, 20, 185-203.	1.3	35
51	Numerical analysis of channel connectors under fire and a comparison of performance with different types of shear connectors subjected to fire. Steel and Composite Structures, 2016, 20, 651-669.	1.3	49
52	Bolted connections to tubular columns at ambient and elevated temperatures - A review. Steel and Composite Structures, 2016, 21, 303-321.	1.3	5
53	Steel Rack Connections: Identification of Most Influential Factors and a Comparison of Stiffness Design Methods. PLoS ONE, 2015, 10, e0139422.	2.5	31
54	Eggshells: A novel bio-filler for intumescent flame-retardant coatings. Progress in Organic Coatings, 2015, 81, 116-124.	3.9	79

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55	Influences of flame-retardant fillers on fire protection and mechanical properties of intumescent coatings. <i>Progress in Organic Coatings</i> , 2015, 78, 59-66.	3.9	69
56	Behavior of Tilted Angle Shear Connectors. <i>PLoS ONE</i> , 2015, 10, e0144288.	2.5	35
57	Fire Propagation Performance of Intumescent Fire Protective Coatings Using Eggshells as a Novel Biofiller. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	22
58	A Review on Strengthening Steel Beams Using FRP under Fatigue. <i>Scientific World Journal</i> , The, 2014, 2014, 1-21.	2.1	47
59	Investigation on solvent-borne intumescent flame-retardant coatings for steel. <i>Materials Research Innovations</i> , 2014, 18, S6-384-S6-388.	2.3	10
60	Experimental assessment of angle shear connectors under monotonic and fully reversed cyclic loading in high strength concrete. <i>Construction and Building Materials</i> , 2014, 52, 276-283.	7.2	79
61	Prediction of shear capacity of channel shear connectors using the ANFIS model. <i>Steel and Composite Structures</i> , 2014, 17, 623-639.	1.3	163
62	Analysis of developed transition road safety barrier systems. <i>Accident Analysis and Prevention</i> , 2013, 59, 240-252.	5.7	12
63	Integration of thermal insulation coating and moving-air-cavity in a cool roof system for attic temperature reduction. <i>Energy Conversion and Management</i> , 2013, 75, 241-248.	9.2	58
64	The formulation and study of the thermal stability and mechanical properties of an acrylic coating using chicken eggshell as a novel bio-filler. <i>Progress in Organic Coatings</i> , 2013, 76, 1549-1555.	3.9	47
65	Experimental and theoretical investigation on torsional behaviour of CFRP strengthened square hollow steel section. <i>Thin-Walled Structures</i> , 2013, 68, 135-140.	5.3	24
66	Comparison of behaviour between channel and angle shear connectors under monotonic and fully reversed cyclic loading. <i>Construction and Building Materials</i> , 2013, 38, 582-593.	7.2	95
67	Genetic algorithm in locating the optimum mid-connection of Off-Centre braced system. <i>Structure and Infrastructure Engineering</i> , 2013, 9, 1040-1049.	3.7	2
68	The safety performance of guardrail systems: review and analysis of crash tests data. <i>International Journal of Crashworthiness</i> , 2013, 18, 530-543.	1.9	19
69	Strengthening of Steel I-Beams Using CFRP Strips: An Investigation on CFRP Bond Length. <i>Advances in Structural Engineering</i> , 2012, 15, 2191-2204.	2.4	13
70	Failure analysis and structural behaviour of CFRP strengthened steel I-beams. <i>Construction and Building Materials</i> , 2012, 30, 1-9.	7.2	45
71	Fire-resistive performance of intumescent flame-retardant coatings for steel. <i>Materials & Design</i> , 2012, 34, 719-724.	5.1	107
72	Experimental assessment of channel shear connectors under monotonic and fully reversed cyclic loading in high strength concrete. <i>Materials & Design</i> , 2012, 34, 325-331.	5.1	82

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73	Behaviour of C-shaped angle shear connectors under monotonic and fully reversed cyclic loading: An experimental study. <i>Materials & Design</i> , 2012, 41, 67-73.	5.1	63
74	Optimization of Off-Centre bracing system using Genetic Algorithm. <i>Journal of Constructional Steel Research</i> , 2011, 67, 1435-1441.	3.9	20
75	Experimental Studies on End Anchoring of CFRP Strengthened Steel I-Beam. , 2011, , .		2
76	Effect of Epoxy Binder on Fire Protection and Bonding Strength of Intumescent Fire Protective Coatings for Steel. <i>Advanced Materials Research</i> , 2010, 168-170, 1228-1232.	0.3	20
77	Fuzzy multi-objective genetic algorithm in determination of optimum mid connection location of off-centre bracing system. , 2010, , .		2
78	Behavior of Channel Shear Connectors in Normal and Light Weight Aggregate Concrete (Experimental) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	23
79	Modelling of beam-to-column connections at elevated temperature using the component method. <i>Steel and Composite Structures</i> , 2010, 10, 23-43.	1.3	13
80	Artificial Intelligence in Designing Non Geometric Brace Systems. , 2009, , .		0
81	Eccentricity Optimization of NGB System by using Multi-Objective Genetic Algorithm. <i>Journal of Applied Sciences</i> , 2009, 9, 3502-3512.	0.3	1
82	Behaviour and design of beam-to-column connections under fire conditions. <i>Fire Safety Journal</i> , 2007, 42, 437-451.	3.1	23
83	Local Stiffening of Steel I-Beams by Using CFRP Materials. <i>Advanced Materials Research</i> , 0, 163-167, 3838-3843.	0.3	4
84	Behavior of through Beam Connections Composed of CFSST Columns and Steel Beams by Finite Element Studying. <i>Advanced Materials Research</i> , 0, 168-170, 2329-2333.	0.3	19
85	Failure Modes of CFRP Flexural Strengthened Steel I-Beams. <i>Key Engineering Materials</i> , 0, 471-472, 590-595.	0.4	5
86	Optimization of mixing time for polymer modified asphalt. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 512, 012030.	0.6	10