

M Adil Dar

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

363
citations

840776

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839539

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41
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docs citations

41
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Behaviour of laced built-up cold-formed steel columns: Experimental investigation and numerical validation. <i>Thin-Walled Structures</i> , 2018, 132, 398-409.	5.3	60
2	Improved design procedure for battened cold-formed steel built-up columns composed of lipped angles. <i>Journal of Constructional Steel Research</i> , 2020, 164, 105781.	3.9	39
3	Axial compression behavior of laced cold-formed steel built-up columns with unstiffened angle sections. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105727.	3.9	36
4	Behaviour of partly stiffened cold-formed steel built-up beams: Experimental investigation and numerical validation. <i>Advances in Structural Engineering</i> , 2019, 22, 172-186.	2.4	31
5	Axial capacity of CFS built-up columns comprising of lipped channels with spacers: Nonlinear response and design. <i>Engineering Structures</i> , 2020, 213, 110559.	5.3	27
6	Experimental study on innovative sections for cold formed steel beams. <i>Steel and Composite Structures</i> , 2015, 19, 1599-1610.	1.3	23
7	Comparison of various shear connectors for improved structural performance in CFS concrete composite slabs. <i>Engineering Structures</i> , 2020, 220, 111008.	5.3	13
8	Testing and FE simulation of lightweight CFS composite built-up columns: Axial strength and deformation behaviour. <i>Thin-Walled Structures</i> , 2021, 167, 108222.	5.3	13
9	Influence of chord compactness and slenderness on axial compression behavior of built-up battened CFS columns. <i>Journal of Building Engineering</i> , 2020, 32, 101743.	3.4	12
10	Monotonic tests and numerical validation of cold-formed steel battened built-up columns. <i>Thin-Walled Structures</i> , 2021, 159, 107275.	5.3	11
11	Flexural behaviour of cover plated CFS built-up beams composed of lipped channels: Comparison of test and design strengths. <i>Structures</i> , 2021, 30, 294-304.	3.6	11
12	Interaction between chord compactness and lacing slenderness in CFS built-up columns. <i>Structures</i> , 2021, 30, 985-995.	3.6	10
13	Experimental investigations on the structural behaviour of a distressed bridge. <i>Structural Engineering and Mechanics</i> , 2015, 56, 695-705.	1.0	10
14	Cold-formed steel battened built-up columns: Experimental behaviour and verification of different design rules developed. <i>Advances in Structural Engineering</i> , 2022, 25, 321-335.	2.4	9
15	Numerical Study on the Structural Integrity of Built-up Cold-Formed Steel Battened Columns. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 815-823.	0.4	6
16	Retrofitting of Hot-Rolled Steel Channels Using CFS Sections: Experimental Study and Flexural Behavior. <i>Practice Periodical on Structural Design and Construction</i> , 2020, 25, 04020038.	1.3	5
17	Effective Strengthening of Timber Beams: Experimental Investigation. <i>Practice Periodical on Structural Design and Construction</i> , 2021, 26, 04020042.	1.3	5
18	Tests on CFS Laced Columns Composed of Plain Channels: Behavior and Design. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	4

#	ARTICLE	IF	CITATIONS
19	Development of an efficient steel truss system using CFS sections: a comparative study with a hot-rolled steel truss. International Journal of Structural Integrity, 2020, ahead-of-print, .	3.3	3
20	Design of cold-formed steel battened built-up columns. Journal of Constructional Steel Research, 2022, 193, 107291.	3.9	3
21	Wide-flanged CFS built-up columns: comparison of test strengths, numerical strengths and design strengths. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	2
22	Axial Resistance of Short Built-up Cold-Formed Steel Columns: Effect of Lacing Slenderness. Lecture Notes in Mechanical Engineering, 2021, , 11-19.	0.4	2
23	Cold-formed ferritic stainless steel perforated tubular stub columns: Behaviour and design. Thin-Walled Structures, 2022, 170, 108654.	5.3	2
24	Improved performance of coal bottom ash co-mixed concrete. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012033.	0.6	1
25	Effect of Sugarcane Molasses on Properties of Geopolymer Concrete. Lecture Notes in Civil Engineering, 2019, , 210-216.	0.4	1
26	Effect of external strengthening on the flexural capacity of cold-formed steel beams. Materials Today: Proceedings, 2021, 39, 1270-1274.	1.8	1
27	Behaviour of RC Beam-Column Joint Subjected to Opening Moments: Test and Numerical Validation. RILEM Bookseries, 2021, , 273-284.	0.4	1
28	Testing of cold-formed ferritic stainless steel stub columns: axial behaviour and design strengths. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	0
29	Seismic Performance Evaluation of a Proposed Buckling-Restrained Brace for RC-MRFS. Civil and Environmental Engineering Reports, 2019, 29, 164-173.	0.3	0