

A R Dar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

120
citations

1684188

5
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Experimental study on innovative sections for cold formed steel beams. <i>Steel and Composite Structures</i> , 2015, 19, 1599-1610.	1.3	23
3	Comparison of various shear connectors for improved structural performance in CFS concrete composite slabs. <i>Engineering Structures</i> , 2020, 220, 111008.	5.3	13
4	Experimental investigations on the structural behaviour of a distressed bridge. <i>Structural Engineering and Mechanics</i> , 2015, 56, 695-705.	1.0	10
5	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
6	An experimental study on the flexural behavior of cold-formed steel composite beams. <i>Materials Today: Proceedings</i> , 2020, 27, 340-343.	1.8	5
7	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
8	Improved performance of steel fibre reinforced beam-column joint- an experimental study. <i>Materials Today: Proceedings</i> , 2020, 32, 982-988.	1.8	3
9	Cold-Formed Steel Built-Up I-Beam with the Trapezoidal Corrugated Web: Tests and Numerical Simulation. <i>Journal of the Institution of Engineers (India): Series A</i> , 2021, 102, 943-958.	1.2	3
10	Design of cold-formed steel battened built-up columns. <i>Journal of Constructional Steel Research</i> , 2022, 193, 107291.	3.9	3
11	Influence of cold temperature on performance of concrete in J&K – Comparison studies. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 561, 012020.	0.6	2
12	Advanced performance of fly ash co-mixtured self-compacting concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 561, 012022.	0.6	2
13	Wide-flanged CFS built-up columns: comparison of test strengths, numerical strengths and design strengths. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	2.2	2
14	Bending response of cold-formed steel built-up beams with overlapped flanges in stiffened channels. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	2.2	2
15	Effect of GFRP strengthening on the flexural behaviour of cold-formed steel built-up beams. <i>Innovative Infrastructure Solutions</i> , 2022, 7, 1.	2.2	2
16	Role of Supplemental Cementitious Materials on the Strength Characteristics of GreenConcrete Specimens. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 561, 012023.	0.6	1
17	Improved performance of coal bottom ash co-mixtured concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 561, 012033.	0.6	1
18	Behaviour of stiffened cold-formed steel beams-An experimental study. <i>Materials Today: Proceedings</i> , 2020, 27, 348-351.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Effect of external strengthening on the flexural capacity of cold-formed steel beams. Materials Today: Proceedings, 2021, 39, 1270-1274.	1.8	1
20	Behaviour of RC Beam-Column Joint Subjected to Opening Moments: Test and Numerical Validation. RILEM Bookseries, 2021, , 273-284.	0.4	1
21	Incremental effect of saccharum officinarum addition on strength characteristics of geopolymer composite specimens. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012019.	0.6	0
22	Non-destructive evaluation of a steel plate subjected to mechanical damage. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012021.	0.6	0
23	Nonlinear flexural behaviour of efficient profiled cold-formed steel cross-sections. Materials Today: Proceedings, 2020, 27, 359-362.	1.8	0
24	Testing of cold-formed ferritic stainless steel stub columns: axial behaviour and design strengths. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	0
25	Cold-formed steel composite columns: axial strength and deformation response. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	0