

Julian Ajith Thamboo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7280077/julian-ajith-thamboo-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

410
citations

12
h-index

19
g-index

45
ext. papers

562
ext. citations

4.1
avg, IF

4.97
L-index

#	Paper	IF	Citations
41	Characterisation of thin layer polymer cement mortared concrete masonry bond. <i>Construction and Building Materials</i> , 2015 , 82, 71-80	6.7	48
40	Flexural and shear bond characteristics of thin layer polymer cement mortared concrete masonry. <i>Construction and Building Materials</i> , 2013 , 46, 104-113	6.7	47
39	Effects of joint thickness, adhesion and web shells to the face shell bedded concrete masonry loaded in compression. <i>Australian Journal of Structural Engineering</i> , 2013 , 14,	1.4	34
38	Correlation between the performance of solid masonry prisms and wallettes under compression. <i>Journal of Building Engineering</i> , 2019 , 22, 429-438	5.2	34
37	Behaviour of thin layer mortared concrete masonry under combined shear and compression. <i>Australian Journal of Structural Engineering</i> , 2016 , 17, 39-52	1.4	27
36	On the in-plane shear response of the high bond strength concrete masonry walls. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017 , 50, 1	3.4	24
35	Sustainable and Renewable Bio-Based Natural Fibres and Its Application for 3D Printed Concrete: A Review. <i>Sustainability</i> , 2020 , 12, 10485	3.6	20
34	Material characterisation of thin layer mortared clay masonry. <i>Construction and Building Materials</i> , 2020 , 230, 116932	6.7	19
33	Nonlinear finite element modelling of high bond thin-layer mortared concrete masonry. <i>International Journal of Masonry Research and Innovation</i> , 2016 , 1, 5	1.2	16
32	Thermal and environmental impact analysis of rice husk ash-based mortar as insulating wall plaster. <i>Construction and Building Materials</i> , 2021 , 283, 122744	6.7	13
31	Assessment of the characteristics of lime mortar bonded brickwork wallettes under monotonic and cyclic compression. <i>Construction and Building Materials</i> , 2020 , 261, 120003	6.7	12
30	On the fire behaviour of modular floors designed with optimised cold-formed steel joists. <i>Structures</i> , 2021 , 30, 1071-1085	3.4	12
29	Compressive strength and deformation characteristics of concrete block masonry made with different mortars, blocks and mortar beddings types. <i>Journal of Building Engineering</i> , 2021 , 38, 102213	5.2	9
28	Effect of concrete block height variation to the shear bond strength of thin layer mortared masonry. <i>International Journal of Masonry Research and Innovation</i> , 2018 , 3, 174	1.2	8
27	Development of cross laminated timber-cold-formed steel composite beam for floor system to sustainable modular building construction. <i>Structures</i> , 2021 , 32, 681-690	3.4	8
26	Experimental and numerical assessment of the flexural behaviour of semi-precast-reinforced concrete slabs. <i>Advances in Structural Engineering</i> , 2020 , 23, 1865-1879	1.9	7
25	Finite element modelling of timber infilled steel tubular short columns under axial compression. <i>Structures</i> , 2021 , 30, 910-924	3.4	7

24	Untreated rice husk ash incorporated high strength self-compacting concrete: Properties and environmental impact assessments. <i>Environmental Challenges</i> , 2021 , 2, 100015	2.6	7
23	Interfacial transition zone modelling for characterisation of masonry under biaxial stresses. <i>Construction and Building Materials</i> , 2020 , 249, 118735	6.7	6
22	Experimental and Analytical Study of Masonry Subjected to Uniaxial Cyclic Compression. <i>Materials</i> , 2020 , 13,	3.5	6
21	Development of design methodology for mortarless masonry system: Case study of a resettlement housing colony. <i>Journal of Building Engineering</i> , 2020 , 27, 100973	5.2	6
20	Performance of timber girders with end-notch: Experimental and numerical investigation. <i>Structures</i> , 2021 , 29, 730-740	3.4	6
19	Experimental investigation on the effectiveness of lateral restrainers to the vertical steel in reinforced masonry walls under axial compression. <i>Construction and Building Materials</i> , 2021 , 297, 123790	6.7	6
18	Incorporation of untreated rice husk ash and water treatment sludge in masonry unit production. <i>Sustainable Environment Research</i> , 2019 , 29,	3.8	4
17	Experimental investigation of the unconfined compressive strength characteristics of masonry mortars. <i>Journal of Building Engineering</i> , 2020 , 32, 101558	5.2	4
16	Performance of masonry columns confined with composites under axial compression: A state-of-the-art review. <i>Construction and Building Materials</i> , 2021 , 274, 121791	6.7	4
15	Characterisation and mix specification of commonly used masonry mortars. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	3
14	Monotonic and cyclic compression characteristics of CFRP confined masonry columns. <i>Composite Structures</i> , 2021 , 272, 114257	5.3	3
13	Characteristics of CFRP strengthened masonry wallettes under concentric and eccentric compression. <i>Case Studies in Construction Materials</i> , 2021 , 14, e00472	2.7	2
12	Prospects of Developing Prefabricated Masonry Walling Systems in Australia. <i>Buildings</i> , 2021 , 11, 294	3.2	2
11	Effect of geometry on the compression characteristics of bonded brickwork. <i>Structures</i> , 2021 , 32, 1408-1419	3.4	2
10	Finite element modelling of reinforced masonry walls under axial compression. <i>Engineering Structures</i> , 2021 , 252, 113594	4.7	1
9	Flexural behaviour and design of hollow flange cold-formed steel beam filled with lightweight normal and lightweight high strength concrete. <i>Journal of Building Engineering</i> , 2022 , 48, 103878	5.2	1
8	Influence of exterior infill walls on the performance of RC frames under tsunami loads: Case study of school buildings in Sri Lanka. <i>Engineering Structures</i> , 2021 , 234, 111920	4.7	1
7	Analytical stress-strain model of reinforced concrete masonry wallettes under axial compression. <i>Structures</i> , 2021 , 34, 2922-2935	3.4	1

6	Mechanical performance of glued-in rod glulam beam to column moment connection: An experimental study. <i>Journal of Building Engineering</i> , 2022 , 50, 104131	5.2	o
5	Influence of restrainer bar chairs on the compression and flexural behaviour of reinforced masonry walls. <i>Structures</i> , 2022 , 35, 360-372	3.4	o
4	Improved design provisions for reinforced concrete block masonry walls under axial compression. <i>Construction and Building Materials</i> , 2021 , 310, 125226	6.7	o
3	Resilience of Critical Infrastructure Systems: A Systematic Literature Review of Measurement Frameworks. <i>Infrastructures</i> , 2022 , 7, 67	2.6	o
2	Analytical model for CFRP confined masonry columns subjected to monotonic and cyclic compression. <i>Composite Structures</i> , 2022 , 292, 115696	5.3	o
1	Shear performance of lightweight concrete filled hollow flange cold-formed steel beams. <i>Case Studies in Construction Materials</i> , 2022 , e01160	2.7	