Julian Ajith Thamboo

List of Publications by Year in Descending Order

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	Mechanical performance of glued-in rod glulam beam to column moment connection: An experimental study. *Journal of Building Engineering*, **2022**, 50, 104131	5.2	0
40	Influence of restrainer bar chairs on the compression and flexural behaviour of reinforced masonry walls. *Structures*, **2022**, 35, 360-372	3.4	0
39	Flexural behaviour and design of hollow flange cold-formed steel beam filled with lightweight normal and lightweight high strength concrete. *Journal of Building Engineering*, **2022**, 48, 103878	5.2	1
38	Resilience of Critical Infrastructure Systems: A Systematic Literature Review of Measurement Frameworks. *Infrastructures*, **2022**, 7, 67	2.6	0
37	Analytical model for CFRP confined masonry columns subjected to monotonic and cyclic compression. *Composite Structures*, **2022**, 292, 115696	5.3	0
36	Shear performance of lightweight concrete filled hollow flange cold-formed steel beams. *Case Studies in Construction Materials*, **2022**, e01160	2.7	
35	Finite element modelling of reinforced masonry walls under axial compression. *Engineering Structures*, **2021**, 252, 113594	4.7	1
34	Improved design provisions for reinforced concrete block masonry walls under axial compression. *Construction and Building Materials*, **2021**, 310, 125226	6.7	0
33	Finite element modelling of timber infilled steel tubular short columns under axial compression. *Structures*, **2021**, 30, 910-924	3.4	7
32	On the fire behaviour of modular floors designed with optimised cold-formed steel joists. *Structures*, **2021**, 30, 1071-1085	3.4	12
31	Thermal and environmental impact analysis of rice husk ash-based mortar as insulating wall plaster. *Construction and Building Materials*, **2021**, 283, 122744	6.7	13
30	Influence of exterior infill walls on the performance of RC frames under tsunami loads: Case study of school buildings in Sri Lanka. *Engineering Structures*, **2021**, 234, 111920	4.7	1
29	Compressive strength and deformation characteristics of concrete block masonry made with different mortars, blocks and mortar beddings types. *Journal of Building Engineering*, **2021**, 38, 102213	5.2	9
28	Performance of masonry columns confined with composites under axial compression: A state-of-the-art review. *Construction and Building Materials*, **2021**, 274, 121791	6.7	4
27	Characteristics of CFRP strengthened masonry wallettes under concentric and eccentric compression. *Case Studies in Construction Materials*, **2021**, 14, e00472	2.7	2
26	Performance of timber girders with end-notch: Experimental and numerical investigation. *Structures*, **2021**, 29, 730-740	3.4	6
25	Untreated rice husk ash incorporated high strength self-compacting concrete: Properties and environmental impact assessments. *Environmental Challenges*, **2021**, 2, 100015	2.6	7

24	Prospects of Developing Prefabricated Masonry Walling Systems in Australia. *Buildings*, **2021**, 11, 294	3.2	2
23	Effect of geometry on the compression characteristics of bonded brickwork. *Structures*, **2021**, 32, 1408-1419	3.4	2
22	Experimental investigation on the effectiveness of lateral restrainers to the vertical steel in reinforced masonry walls under axial compression. *Construction and Building Materials*, **2021**, 297, 123790	6.7	6
21	Development of cross laminated timber-cold-formed steel composite beam for floor system to sustainable modular building construction. *Structures*, **2021**, 32, 681-690	3.4	8
20	Monotonic and cyclic compression characteristics of CFRP confined masonry columns. *Composite Structures*, **2021**, 272, 114257	5.3	3
19	Analytical stress□train model of reinforced concrete masonry wallettes under axial compression. *Structures*, **2021**, 34, 2922-2935	3.4	1
18	Sustainable and Renewable Bio-Based Natural Fibres and Its Application for 3D Printed Concrete: A Review. *Sustainability*, **2020**, 12, 10485	3.6	20
17	Experimental investigation of the unconfined compressive strength characteristics of masonry mortars. *Journal of Building Engineering*, **2020**, 32, 101558	5.2	4
16	Assessment of the characteristics of lime mortar bonded brickwork wallettes under monotonic and cyclic compression. *Construction and Building Materials*, **2020**, 261, 120003	6.7	12
15	Experimental and numerical assessment of the flexural behaviour of semi-precast-reinforced concrete slabs. *Advances in Structural Engineering*, **2020**, 23, 1865-1879	1.9	7
14	Interfacial transition zone modelling for characterisation of masonry under biaxial stresses. *Construction and Building Materials*, **2020**, 249, 118735	6.7	6
13	Experimental and Analytical Study of Masonry Subjected to Uniaxial Cyclic Compression. *Materials*, **2020**, 13,	3.5	6
12	Development of design methodology for mortarless masonry system: Case study □a resettlement housing colony. *Journal of Building Engineering*, **2020**, 27, 100973	5.2	6
11	Material characterisation of thin layer mortared clay masonry. *Construction and Building Materials*, **2020**, 230, 116932	6.7	19
10	Characterisation and mix specification of commonly used masonry mortars. *SN Applied Sciences*, **2019**, 1, 1	1.8	3
9	Incorporation of untreated rice husk ash and water treatment sludge in masonry unit production. *Sustainable Environment Research*, **2019**, 29,	3.8	4
8	Correlation between the performance of solid masonry prisms and wallettes under compression. *Journal of Building Engineering*, **2019**, 22, 429-438	5.2	34
7	Effect of concrete block height variation to the shear bond strength of thin layer mortared masonry. *International Journal of Masonry Research and Innovation*, **2018**, 3, 174	1.2	8

6	On the in-plane shear response of the high bond strength concrete masonry walls. *Materials and Structures/Materiaux Et Constructions*, **2017**, 50, 1	3.4	24
5	Nonlinear finite element modelling of high bond thin-layer mortared concrete masonry. *International Journal of Masonry Research and Innovation*, **2016**, 1, 5	1.2	16
4	Behaviour of thin layer mortared concrete masonry under combined shear and compression. *Australian Journal of Structural Engineering*, **2016**, 17, 39-52	1.4	27
3	Characterisation of thin layer polymer cement mortared concrete masonry bond. *Construction and Building Materials*, **2015**, 82, 71-80	6.7	48
2	Flexural and shear bond characteristics of thin layer polymer cement mortared concrete masonry. *Construction and Building Materials*, **2013**, 46, 104-113	6.7	47
1	Effects of joint thickness, adhesion and web shells to the face shell bedded concrete masonry loaded in compression. *Australian Journal of Structural Engineering*, **2013**, 14,	1.4	34