

Srikanth Venkatesan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

334
citations

1163117

8
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical durability and performance of modified basalt fiber in concrete medium. <i>Construction and Building Materials</i> , 2017, 154, 191-203.	7.2	99
2	Deterioration Prediction of Timber Bridge Elements Using the Markov Chain. <i>Journal of Performance of Constructed Facilities</i> , 2013, 27, 319-325.	2.0	73
3	Effects of hybrid fibers on the development of high volume fly ash cement composite. <i>Construction and Building Materials</i> , 2019, 215, 984-997.	7.2	41
4	The challenges confronting the growth of sustainable prefabricated building construction in Australia: Construction industry views. <i>Journal of Building Engineering</i> , 2022, 48, 103935.	3.4	29
5	Generic Approach for Modelling Earthquake Hazard. <i>Advances in Structural Engineering</i> , 2006, 9, 67-82.	2.4	13
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.	3.4	13
7	Seismic load estimates of distant subduction earthquakes affecting Singapore. <i>Engineering Structures</i> , 2009, 31, 1230-1240.	5.3	10
8	Single-Degree-of-Freedom Based Pressure-Impulse Diagrams for Blast Damage Assessment. <i>Applied Mechanics and Materials</i> , 0, 567, 499-504.	0.2	9
9	Mechanical Properties of High Volume Fly Ash Concrete Reinforced with Hybrid Fibers. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.8	9
10	Stabilisation of expansive soils subjected to moisture fluctuations in unsealed road pavements. <i>International Journal of Pavement Engineering</i> , 2022, 23, 558-570.	4.4	9
11	Evaluation of seismic hazard in low to moderate seismic regions, Sri Lanka—a case study. <i>Journal of Seismology</i> , 2019, 23, 579-611.	1.3	6
12	Hydraulic characteristics of stabilised expansive subgrade soils in road pavements. <i>International Journal of Pavement Engineering</i> , 2022, 23, 3129-3146.	4.4	6
13	Spectral Analysis of Seismic Waves in the Northern Indian Ocean Region. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 3305-3320.	2.3	5
14	Attenuation and Apparent Source Characteristics in the Northern Indian Oceanic Crust Surrounding Sri Lanka. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 2041-2057.	2.3	4
15	Seismological parameters derived from local earthquakes reported in Sri Lanka. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 94, 158-178.	3.8	3
16	Damage integrated performance modelling of steel plate girders at elevated temperature. <i>Journal of Constructional Steel Research</i> , 2021, 185, 106821.	3.9	3
17	Social vulnerability assessment using a statistical approach and United Nations Development Programme (UNDP) scheme. <i>Australian Journal of Civil Engineering</i> , 2017, 15, 103-108.	1.6	1
18	Application of diffusion-advection equations to in-field monitoring of soil suction profiles. <i>Computers and Geotechnics</i> , 2021, 139, 104329.	4.7	1

#	ARTICLE	IF	CITATIONS
19	Seismicity and seismotectonics in and around Sri Lanka: a synoptic review. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 571-586.	3.5	0
20	A Syncretic Approach Towards a Meta-Integrative Platform for Effective Disaster Management. <i>International Journal of Geotechnical Earthquake Engineering</i> , 2014, 5, 58-74.	0.6	0