

Manish Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

573
citations

840119

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752256

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22
all docs

22
docs citations

22
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Standoff Distance on the Response of RC Columns Subjected to Close-In Explosions. Journal of Structural Engineering, 2022, 148, .	1.7	1
2	Cyclone preparedness strategies for regional power transmission systems in data-scarce coastal regions of India. International Journal of Disaster Risk Reduction, 2022, 75, 102957.	1.8	1
3	Vibration analysis of a system of partially-filled interconnected cylindrical shells representing a fast reactor. Journal of Fluids and Structures, 2022, 112, 103620.	1.5	2
4	Improved Methodology for Accurate Prediction of Blast Wave Clearing on a Finite Target. Journal of Engineering Mechanics - ASCE, 2022, 148, .	1.6	2
5	Blast Response of Single-Degree-of-Freedom Systems Including Fluid-Structure Interaction. Journal of Structural Engineering, 2021, 147, .	1.7	3
6	Damping implementation issues for in-structure response estimation of seismically isolated nuclear structures. Earthquake Engineering and Structural Dynamics, 2021, 50, 1967-1988.	2.5	7
7	Aerodynamic forces on a high-voltage delta-configuration lattice transmission tower segment. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 216, 104711.	1.7	2
8	Development of Performance-Based Design Guidelines for Reinforced Concrete Columns Subject to Blast Loads. Lecture Notes in Civil Engineering, 2021, , 509-528.	0.3	0
9	Contact explosion response of RC columns: experimental and numerical investigation. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2020, 173, 799-820.	0.4	12
10	Cross-platform implementation, verification and validation of advanced mathematical models of elastomeric seismic isolation bearings. Engineering Structures, 2018, 175, 926-943.	2.6	26
11	Response of Systems and Components in a Base-Isolated Nuclear Power Plant Building Impacted by a Large Commercial Aircraft. Journal of Structural Engineering, 2018, 144, .	1.7	2
12	Seismic probabilistic risk assessment for seismically isolated safety-related nuclear facilities. Nuclear Engineering and Design, 2017, 313, 386-400.	0.8	26
13	Extreme earthquake response of nuclear power plants isolated using sliding bearings. Nuclear Engineering and Design, 2017, 316, 9-25.	0.8	32
14	Effect of seismic hazard definition on isolation-system displacements in nuclear power plants. Engineering Structures, 2017, 148, 424-435.	2.6	10
15	Response of base-isolated nuclear structures to extreme earthquake shaking. Nuclear Engineering and Design, 2015, 295, 860-874.	0.8	21
16	Experimental investigation of cavitation in elastomeric seismic isolation bearings. Engineering Structures, 2015, 101, 290-305.	2.6	46
17	Characterizing friction in sliding isolation bearings. Earthquake Engineering and Structural Dynamics, 2015, 44, 1409-1425.	2.5	117
18	Ductility Reduction Factors for Masonry-Infilled Reinforced Concrete Frames. Earthquake Spectra, 2015, 31, 339-365.	1.6	16

#	ARTICLE	IF	CITATIONS
19	SEISMIC ISOLATION OF NUCLEAR POWER PLANTS. Nuclear Engineering and Technology, 2014, 46, 569-580.	1.1	33
20	An advanced numerical model of elastomeric seismic isolation bearings. Earthquake Engineering and Structural Dynamics, 2014, 43, 1955-1974.	2.5	140
21	A Proposed Rapid Visual Screening Procedure for Seismic Evaluation of RC-Frame Buildings in India. Earthquake Spectra, 2010, 26, 709-729.	1.6	73