

Radhey Shyam Jangid

List of Publications by Year in descending order

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71
papers

2,698
citations

172457

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73
all docs

73
docs citations

73
times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimum parameters and performance of negative stiffness and inerter based dampers for base-isolated structures. Bulletin of Earthquake Engineering, 2023, 21, 1411-1438.	4.1	22
2	Multiple tuned liquid sloshing dampers for across-wind response control of benchmark tall building. Innovative Infrastructure Solutions, 2022, 7, 1.	2.2	5
3	Seismic Performance Assessment of Clutching Inerter Damper for Isolated Bridges. Practice Periodical on Structural Design and Construction, 2022, 27, .	1.3	7
4	Optimal Design of True Negative Stiffness Damper as a Supplemental Damping Device for Base-Isolated Structure. Lecture Notes in Civil Engineering, 2022, , 471-483.	0.4	3
5	Optimum parameters of tuned mass damper-inerter for damped structure under seismic excitation. International Journal of Dynamics and Control, 2022, 10, 1322-1336.	2.5	15
6	Performance and optimal design of base-isolated structures with clutching inerter damper. Structural Control and Health Monitoring, 2022, 29, .	4.0	8
7	Optimum Tuned Inerter Damper for Base-Isolated Structures. Journal of Vibration Engineering and Technologies, 2021, 9, 1483-1497.	2.2	36
8	Design of tuned liquid sloshing dampers using nonlinear constraint optimization for across-wind response control of benchmark tall building. Structures, 2021, 33, 2675-2688.	3.6	23
9	Seismic Performance of the Inerter and Negative Stiffness-Based Dampers for Vibration Control of Structures. Frontiers in Built Environment, 2021, 7, .	2.3	9
10	An Empirical Formulation for the Damping Ratio of Shape Memory Alloy for Base-Isolated Structures. International Journal of Structural Stability and Dynamics, 2019, 19, 1950074.	2.4	11
11	Seismic response control of a building by negative stiffness devices. Asian Journal of Civil Engineering, 2018, 19, 849-866.	1.6	11
12	Tsunami hazard assessment of Indian coast. Natural Hazards, 2016, 82, 733-762.	3.4	12
13	Vibration control of bridge subjected to multi-axle vehicle using multiple tuned mass friction dampers. International Journal of Advanced Structural Engineering, 2016, 8, 213-227.	1.3	42
14	Dynamic response of structure with tuned mass friction damper. International Journal of Advanced Structural Engineering, 2016, 8, 363-377.	1.3	18
15	Seismic response of torsionally coupled building with passive and semi-active stiffness dampers. International Journal of Advanced Structural Engineering, 2015, 7, 31-48.	1.3	11
16	Seismic response of multi-story structure with multiple tuned mass friction dampers. International Journal of Advanced Structural Engineering, 2014, 6, 1-13.	1.3	7
17	Dynamic response of identical adjacent structures connected by viscous damper. Structural Control and Health Monitoring, 2014, 21, 205-224.	4.0	42
18	Seismic Response of Torsionally Coupled System with Semi-Active Variable Dampers. Journal of Earthquake Engineering, 2012, 16, 1043-1054.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Use of pseudo-negative stiffness dampers for reducing the seismic response of bridges: a benchmark study. <i>Bulletin of Earthquake Engineering</i> , 2012, 10, 1561-1583.	4.1	18
20	Soil liquefaction studies at Mumbai city. <i>Natural Hazards</i> , 2012, 63, 375-390.	3.4	16
21	Behaviour of liquid storage tanks with VCFPS under near-fault ground motions. <i>Structure and Infrastructure Engineering</i> , 2012, 8, 71-88.	3.7	30
22	Seismic Response of Torsionally Coupled System with Magnetorheological Dampers. <i>Advances in Civil Engineering</i> , 2012, 2012, 1-26.	0.7	7
23	Assessment of liquefaction potential index for Mumbai city. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2759-2768.	3.6	57
24	Performance of variable curvature sliding isolators in base-isolated benchmark building. <i>Structural Design of Tall and Special Buildings</i> , 2012, 21, 354-373.	1.9	14
25	Free Field Surface Motion at Different Site Types due to Near-Fault Ground Motions. <i>ISRN Geophysics</i> , 2012, 2012, 1-6.	0.7	4
26	OPTIMUM MULTIPLE TUNED MASS DAMPERS FOR THE WIND EXCITED BENCHMARK BUILDING / OPTIMALÅS MASÅ-S SLOPINTUVAI VÅ-JO VEIKIAMUOSE AUKÅTYBINIUOSE PASTATUOSE. <i>Journal of Civil Engineering and Management</i> , 2011, 17, 540-557.	3.5	51
27	Seismic response of liquid storage steel tanks with variable frequency pendulum isolator. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 1041-1055.	1.9	34
28	Seismic response of the double variable frequency pendulum isolator. <i>Structural Control and Health Monitoring</i> , 2011, 18, 450-470.	4.0	33
29	Response of wind-excited benchmark building installed with dampers. <i>Structural Design of Tall and Special Buildings</i> , 2011, 20, 497-514.	1.9	15
30	INFLUENCE OF HIGH INITIAL ISOLATOR STIFFNESS ON THE SEISMIC RESPONSE OF A BASE-ISOLATED BENCHMARK BUILDING. <i>International Journal of Structural Stability and Dynamics</i> , 2011, 11, 1201-1228.	2.4	13
31	Seismic performance of benchmark highway bridge installed with piezoelectric friction dampers. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2011, 4, 191-212.	0.4	8
32	Stochastic response of building frames isolated by lead-rubber bearings. <i>Structural Control and Health Monitoring</i> , 2010, 17, 1-22.	4.0	42
33	Response of the Double Variable Frequency Pendulum Isolator under Triaxial Ground Excitations. <i>Journal of Earthquake Engineering</i> , 2010, 14, 527-558.	2.5	21
34	Seismic response of dynamically similar adjacent structures connected with viscous dampers. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2010, 3, 1-13.	0.4	35
35	Response of an isolated cable-stayed bridge under bi-directional seismic actions. <i>Structure and Infrastructure Engineering</i> , 2010, 6, 347-363.	3.7	13
36	Seismic Response of Base-Isolated Benchmark Building with Variable Sliding Isolators. <i>Journal of Earthquake Engineering</i> , 2010, 14, 1063-1091.	2.5	10

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37	Seismic control of benchmark cable-stayed bridge using passive hybrid systems. IES Journal Part A: Civil and Structural Engineering, 2009, 2, 1-16.	0.4	9
38	Seismic Response of Structures with Variable Friction Pendulum System. Journal of Earthquake Engineering, 2009, 13, 193-216.	2.5	42
39	Variable dampers for earthquake protection of benchmark highway bridges. Smart Materials and Structures, 2009, 18, 115011.	3.5	37
40	Seismic behavior of variable frequency pendulum isolator. Earthquake Engineering and Engineering Vibration, 2008, 7, 193-205.	2.3	20
41	Variable friction pendulum system for near-fault ground motions. Structural Control and Health Monitoring, 2008, 15, 568-584.	4.0	54
42	Base Isolation for Seismic Retrofitting of Structures. Practice Periodical on Structural Design and Construction, 2008, 13, 175-185.	1.3	67
43	SEMIACTIVE CONTROL OF SEISMICALLY ISOLATED BRIDGES. International Journal of Structural Stability and Dynamics, 2008, 08, 547-568.	2.4	21
44	Stochastic Response of Bridges Seismically Isolated by Friction Pendulum System. Journal of Bridge Engineering, 2008, 13, 319-330.	2.9	54
45	Semi-Active Stiffness Dampers for Seismic Control of Structures. Advances in Structural Engineering, 2007, 10, 501-524.	2.4	10
46	Optimum viscous damper for connecting adjacent SDOF structures for harmonic and stationary white-noise random excitations. Earthquake Engineering and Structural Dynamics, 2007, 36, 563-571.	4.4	51
47	Optimum parameters of tuned mass damper for damped main system. Structural Control and Health Monitoring, 2007, 14, 448-470.	4.0	190
48	Effects of Pier and Deck Flexibility on the Seismic Response of Isolated Bridges. Journal of Bridge Engineering, 2006, 11, 109-121.	2.9	57
49	Seismic Response of Adjacent Buildings Connected with Friction Dampers. Bulletin of Earthquake Engineering, 2006, 4, 43-64.	4.1	57
50	EFFECTIVENESS OF SEISMIC ISOLATION FOR CABLE-STAYED BRIDGES. International Journal of Structural Stability and Dynamics, 2006, 06, 77-96.	2.4	40
51	VISCOELASTIC DAMPER CONNECTED TO ADJACENT STRUCTURES INVOLVING SEISMIC ISOLATION. Journal of Civil Engineering and Management, 2005, 11, 309-322.	3.5	4
52	OPTIMUM MULTIPLE TUNED MASS DAMPERS FOR BASE-EXCITED DAMPED MAIN SYSTEM. International Journal of Structural Stability and Dynamics, 2004, 04, 527-542.	2.4	74
53	Response of SDOF system to non-stationary earthquake excitation. Earthquake Engineering and Structural Dynamics, 2004, 33, 1417-1428.	4.4	55
54	Seismic Response of Isolated Bridges. Journal of Bridge Engineering, 2004, 9, 156-166.	2.9	98

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55	Dynamic Analysis of Liquid Storage Tanks with Sliding Systems. <i>Advances in Structural Engineering</i> , 2003, 6, 145-158.	2.4	7
56	A COMPARATIVE STUDY OF PERFORMANCE OF VARIOUS ISOLATION SYSTEMS FOR LIQUID STORAGE TANKS. <i>International Journal of Structural Stability and Dynamics</i> , 2002, 02, 573-591.	2.4	58
57	Rigid body response of base-isolated structures. <i>Structural Control and Health Monitoring</i> , 2002, 9, 171-188.	0.5	24
58	Seismic response of torsionally coupled structures with active control device. <i>Structural Control and Health Monitoring</i> , 2001, 8, 1-15.	0.5	6
59	Base isolation for near-fault motions. <i>Earthquake Engineering and Structural Dynamics</i> , 2001, 30, 691-707.	4.4	357
60	Torsional Displacements in Base-Isolated Buildings. <i>Earthquake Spectra</i> , 2000, 16, 443-454.	3.1	24
61	Optimum Multiple Tuned Mass Dampers for base-excited undamped system. <i>Earthquake Engineering and Structural Dynamics</i> , 1999, 28, 1041-1049.	4.4	116
62	DYNAMIC RESPONSE OF STRUCTURES SUPPORTED ON ELLIPTICAL ROLLING RODS. <i>Doboku Gakkai Ronbunshu</i> , 1999, 1999, 11-20.	0.2	0
63	Effectiveness of Elliptical Rolling Rods for Base Isolation. <i>Journal of Structural Engineering</i> , 1998, 124, 469-472.	3.4	84
64	PERFORMANCE OF MULTIPLE TUNED MASS DAMPERS FOR TORSIONALLY COUPLED SYSTEM. <i>Earthquake Engineering and Structural Dynamics</i> , 1997, 26, 307-317.	4.4	75
65	SEISMIC RESPONSE OF SLIDING STRUCTURES TO BIDIRECTIONAL EARTHQUAKE EXCITATION. <i>Earthquake Engineering and Structural Dynamics</i> , 1996, 25, 1301-1306.	4.4	38
66	SEISMIC BEHAVIOUR OF BASE-ISOLATED BUILDINGS: A STATE-OF-THE ART REVIEW.. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 1995, 110, 186-203.	0.8	165
67	Nonlinear Response of Torsionally Coupled Base Isolated Structure. <i>Journal of Structural Engineering</i> , 1994, 120, 1-22.	3.4	60
68	Spectral analysis of systems with non-classical damping using classical mode superposition technique. <i>Earthquake Engineering and Structural Dynamics</i> , 1993, 22, 723-735.	4.4	19
69	SEISMIC RESPONSE OF A SIMPLE TORSIONALLY COUPLED STRUCTURE WITH A SLIDING SUPPORT.. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 1993, 99, 271-280.	0.8	8
70	Soil-structure interaction effect on seismic response of controlled asymmetric buildings. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 0, , 1-14.	0.8	2
71	Optimal Design of Tuned Liquid Column Damper for Wind-induced Response Control of Benchmark Tall Building. <i>Journal of Vibration Engineering and Technologies</i> , 0, , .	2.2	3