

# Vasant Matsagar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6032390/publications.pdf>

Version: 2024-02-01

148  
papers

3,143  
citations

172386

29  
h-index

206029

48  
g-index

156  
all docs

156  
docs citations

156  
times ranked

1671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-hazard stochastic response assessment of base-isolated buildings. <i>Structure and Infrastructure Engineering</i> , 2024, 20, 301-325.	2.0	3
2	Multi-hazard analysis and design of structures: status and research trends. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 845-874.	2.0	11
3	Pseudo-Ductility Through Progressive Failure of Multi-Layered Carbon-Fiber-Reinforced Polymer (CFRP) Prestressed Concrete Beams. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2023, 33, 431-446.	0.5	2
4	An Oblate Spheroid Base Isolator and Floating Surface Diaphragm for Seismic Protection of Liquid Storage Tank. <i>Journal of Earthquake Engineering</i> , 2022, 26, 5447-5475.	1.4	4
5	A probabilistic framework for assessment of reinforced concrete wall panel under cascaded post-blast fire scenario. <i>Journal of Building Engineering</i> , 2022, 45, 103506.	1.6	3
6	Performance of RC elevated liquid storage tanks installed with semi-active pseudo-negative stiffness dampers. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	9
7	Optimum design of nonlinear tuned mass damper for dynamic response control under earthquake and wind excitations. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	13
8	Test Methods for Characterizing the Properties of Fiber-Reinforced Polymer Composites at Elevated Temperatures. <i>Polymers</i> , 2022, 14, 1734.	2.0	9
9	Service-Life Damage Assessment of a Reinforced Concrete Structure under Multi-Hazard Seismic and Wind Actions. , 2022, 7, 1017-1031.		3
10	Multihazard framework for investigating high-rise base-isolated buildings under earthquakes and long-duration winds. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 1334-1357.	2.5	18
11	Bond Behavior in Flexural Members: Numerical Studies. <i>International Journal of Steel Structures</i> , 2021, 21, 225-243.	0.6	2
12	Pseudo-Ductility through Progressive Rupture of Basalt Fiber-Reinforced Polymer Tendons in Partially Prestressed Functionally-Graded Concrete Beam. <i>Composites Science and Technology</i> , 2021, , 97-126.	0.4	2
13	Blast-Induced Ground Motion in Geo-media. <i>Lecture Notes in Civil Engineering</i> , 2021, , 295-307.	0.3	1
14	Effects of Soil-Structure Interaction on Torsionally Coupled Base Isolated Machine Foundation under Earthquake Load. <i>Shock and Vibration</i> , 2021, 2021, 1-18.	0.3	2
15	Earthquake Response Control of Isolated Bridges Using Supplementary Passive Dampers. <i>Practice Periodical on Structural Design and Construction</i> , 2021, 26, .	0.7	15
16	Mechanics of damage in reinforced concrete member under post-blast fire scenario. <i>Structures</i> , 2021, 31, 740-760.	1.7	18
17	Development of Optimal Anchor for Basalt Fiber-Reinforced Polymer Rods. <i>Journal of Composites for Construction</i> , 2021, 25, .	1.7	7
18	Identification of optimum wind turbine parameters for varying wind climates using a novel month-based turbine performance index. <i>Renewable Energy</i> , 2021, 171, 902-914.	4.3	6

#	ARTICLE	IF	CITATIONS
19	Probabilistic framework for failure investigation of reinforced concrete wall panel under dynamic blast loads. <i>Engineering Failure Analysis</i> , 2021, 125, 105368.	1.8	13
20	Effects of Soil-Structure Interaction on Dynamic Response of Framed Machine Foundation Resting on Raft and Piles. <i>Practice Periodical on Structural Design and Construction</i> , 2021, 26, 04021022.	0.7	1
21	Stochastic Modal Damping Analysis of Stiffened Laminated Composite Plate. <i>Lecture Notes in Civil Engineering</i> , 2021, , 635-650.	0.3	1
22	Progressive Collapse Potential of Steel Frames Sustaining Post-Hazard Support-Yielding. <i>Lecture Notes in Civil Engineering</i> , 2021, , 53-71.	0.3	2
23	Multi-hazard non-linear analysis of RC structures under earthquake and fire in its current state. , 2021, , .		0
24	Multi-Hazard Analysis and Design Guidelines: Recommendations for Structure And Infrastructure Systems in The Indian Context. <i>Current Science</i> , 2021, 121, 44.	0.4	6
25	Distributed multiple tuned mass dampers for seismic response control in bridges. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2020, 173, 217-234.	0.4	24
26	Analysis of curved tunnels in soil subjected to internal blast loading. <i>Acta Geotechnica</i> , 2020, 15, 509-528.	2.9	22
27	Free Vibration Analysis of Thin Circular Cylindrical Shell with Closure Using Finite Element Method. <i>International Journal of Steel Structures</i> , 2020, 20, 175-193.	0.6	15
28	Stochastic response of primary-secondary coupled systems under uncertain ground excitation using generalized polynomial chaos method. , 2020, , 383-435.		1
29	Seismic response control of base-isolated buildings using tuned mass damper. <i>Australian Journal of Structural Engineering</i> , 2020, 21, 310-321.	0.4	27
30	Seismic response control of steel benchmark building with a tuned mass damper. <i>Asian Journal of Civil Engineering</i> , 2020, 21, 267-280.	0.8	4
31	Framework for fragility assessment of reinforced concrete portal frame subjected to elevated temperature. <i>Structures</i> , 2020, 28, 2785-2800.	1.7	6
32	Effectiveness of Friction Dampers in Seismic and Wind Response Control of Connected Adjacent Steel Buildings. <i>Shock and Vibration</i> , 2020, 2020, 1-21.	0.3	12
33	Member and structural fragility of reinforced concrete structure under fire. <i>Journal of Structural Fire Engineering</i> , 2020, 11, 409-435.	0.4	8
34	Tuned mass dampers in wind response control of wind turbine with soil-structure interaction. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 132, 106071.	1.9	35
35	Fire fragility of reinforced concrete panels under transverse out-of-plane and compressive in-plane loads. <i>Fire Safety Journal</i> , 2020, 113, 102976.	1.4	8
36	Speedy Construction of Reinforced Cement Concrete Work in High-Rise Buildings by Optimizing Shoring and Reshoring Levels Using Genetic Algorithm. <i>Practice Periodical on Structural Design and Construction</i> , 2020, 25, 05020002.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Probabilistic assessment of steel buildings installed with passive control devices under multi-hazard scenario of earthquake and wind. <i>Structural Safety</i> , 2020, 85, 101955.	2.8	21
38	Seismic Analysis of Steel Cylindrical Liquid Storage Tank Using Coupled Acoustic-Structural Finite Element Method For Fluid-Structure Interaction. , 2020, 25, 27-40.		10
39	Multihazard Response Control of Base-Isolated Buildings under Bidirectional Dynamic Excitation. <i>Shock and Vibration</i> , 2020, 2020, 1-24.	0.3	6
40	Behavior of Bamboo Wall Panel at Elevated Temperature. , 2020, , 281-287.		0
41	Seismic response control of base-isolated buildings using multiple tuned mass dampers. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1576.	0.9	36
42	Vulnerability analysis of tunnel linings under blast loading. <i>International Journal of Protective Structures</i> , 2019, 10, 73-94.	1.4	28
43	Dynamic analysis of an offshore monopile foundation used as heat exchanger for energy extraction. <i>Renewable Energy</i> , 2019, 131, 518-548.	4.3	6
44	Stochastic response analysis of elastic and inelastic systems with uncertain parameters under random impulse loading. <i>Journal of Sound and Vibration</i> , 2019, 461, 114899.	2.1	11
45	Uncertainties in dynamic response of buildings with non-linear base-isolators. <i>Engineering Structures</i> , 2019, 197, 109423.	2.6	13
46	Response of box-type structure and effect of structural parameters on reflected pressure under blast load. <i>International Journal of Protective Structures</i> , 2019, 10, 359-379.	1.4	3
47	Seismic response control of asymmetric buildings using tuned mass dampers. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1673.	0.9	22
48	Numerical study of base-isolated cylindrical liquid storage tanks using coupled acoustic-structural approach. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 119, 196-219.	1.9	32
49	Experimental and numerical investigations on dynamic behavior of CFRP laminates. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	10
50	Energy-based predictive algorithm for semi-active tuned mass dampers. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1626.	0.9	16
51	Stochastic dynamic analysis of composite plate with random temperature increment. <i>Composite Structures</i> , 2019, 226, 111159.	3.1	20
52	Semi-active algorithm for energy-based predictive structural control using tuned mass dampers. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2019, 34, 1010-1025.	6.3	19
53	Dynamic analysis of an offshore wind turbine under random wind and wave excitation with soil-structure interaction and blade tower coupling. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 125, 105699.	1.9	33
54	Seismic vulnerability of a non-linear building with distributed multiple tuned vibration absorbers. <i>Structure and Infrastructure Engineering</i> , 2019, 15, 1103-1118.	2.0	37

#	ARTICLE	IF	CITATIONS
55	Along-wind response control of chimneys with distributed multiple tuned mass dampers. Structural Control and Health Monitoring, 2019, 26, e2275.	1.9	57
56	Dynamic Response Control of a Wind-Excited Tall Building with Distributed Multiple Tuned Mass Dampers. International Journal of Structural Stability and Dynamics, 2019, 19, 1950059.	1.5	37
57	Earthquake induced sloshing and hydrodynamic pressures in rigid liquid storage tanks analyzed by coupled acoustic-structural and Euler-Lagrange methods. Thin-Walled Structures, 2019, 134, 333-346.	2.7	52
58	Effectiveness of passive response control devices in buildings under earthquake and wind during design life. Structure and Infrastructure Engineering, 2019, 15, 252-268.	2.0	27
59	Semi-Active Fluid Viscous Dampers for Seismic Mitigation of RC Elevated Liquid Storage Tanks. International Journal of Structural Stability and Dynamics, 2019, 19, 1950020.	1.5	15
60	Distributed Tuned Mass Dampers for Multi-Mode Control of Benchmark Building under Seismic Excitations. Journal of Earthquake Engineering, 2019, 23, 1137-1172.	1.4	62
61	SEISMIC PERFORMANCE OF FLOOR-MOUNTED SECONDARY SYSTEMS HOUSED IN REAL-LIFE BASE-ISOLATED BUILDING ON DOUBLE CURVATURE FRICTION PENDULUM SYSTEM. , 2019, , .		0
62	Thermo-hydro-mechanical Analysis of an Offshore Monopile Foundation Used for Geothermal Energy Extraction and Storage. Geotechnical and Geological Engineering, 2018, 36, 2305-2329.	0.8	1
63	High Strain-Rate Characterization of Deccan Trap Rocks Using SHPB Device. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	16
64	Stochastic collocation-based nonlinear analysis of concrete bridges with uncertain parameters. Structure and Infrastructure Engineering, 2018, 14, 1324-1338.	2.0	12
65	Stochastic Dynamic Analysis of an Offshore Wind Turbine Considering Frequency-Dependent Soil-Structure Interaction Parameters. International Journal of Structural Stability and Dynamics, 2018, 18, 1850086.	1.5	13
66	Performance of bi-directional elliptical rolling rods for base isolation of buildings under near-fault earthquakes. Advances in Structural Engineering, 2018, 21, 675-693.	1.2	7
67	High Strain Rate Response of Rocks Under Dynamic Loading Using Split Hopkinson Pressure Bar. Geotechnical and Geological Engineering, 2018, 36, 531-549.	0.8	28
68	Wind response control of tall buildings with a tuned mass damper. Journal of Building Engineering, 2018, 15, 51-60.	1.6	80
69	Wind Response Control of Tall Buildings with Flexible Foundation using Tuned Mass Dampers. , 2018, , .		4
70	Mechanical Characterization of Compact Basalt by Using SHPB Device. Proceedings (mdpi), 2018, 2, .	0.2	0
71	Evaluation of possibilities in geothermal energy extraction from oceanic crust using offshore wind turbine monopiles. Renewable and Sustainable Energy Reviews, 2018, 92, 685-700.	8.2	15
72	Blast Fragility and Sensitivity Analyses of Steel Moment Frames with Plan Irregularities. International Journal of Steel Structures, 2018, 18, 1684-1698.	0.6	12

#	ARTICLE	IF	CITATIONS
73	Bridges. Encyclopedia of Earth Sciences Series, 2018, , 74-92.	0.1	0
74	Bridges. Encyclopedia of Earth Sciences Series, 2018, , 1-20.	0.1	1
75	Optimization of Shoring/Reshoring Levels in High-Rise Building Construction. Organization, Technology and Management in Construction, 2018, 10, 1803-1826.	0.5	2
76	Dynamic Analysis of Tunnel in Soil Subjected to Internal Blast Loading. Geotechnical and Geological Engineering, 2017, 35, 1491-1512.	0.8	20
77	Fragility of Steel Frame Buildings under Blast Load. Journal of Performance of Constructed Facilities, 2017, 31, .	1.0	23
78	Dynamic Characterization of Himalayan Quartzite using SHPB. Procedia Engineering, 2017, 191, 2-9.	1.2	10
79	A Framework on Causes and Effects of Design Iterations. Journal of the Institution of Engineers (India): Series A, 2017, 98, 171-176.	0.6	1
80	Distributed Multiple Tuned Mass Dampers for Wind Response Control of Chimney with Flexible Foundation. Procedia Engineering, 2017, 199, 1641-1646.	1.2	27
81	Robustness of multi-mode control using tuned mass dampers for seismically excited structures. Bulletin of Earthquake Engineering, 2017, 15, 5579-5603.	2.3	32
82	Experimental investigation of the mechanical properties of basalt fiber reinforced concrete. Structural Concrete, 2017, 18, 292-302.	1.5	89
83	Effectiveness of Tuned Mass Dampers in Seismic Response Control of Isolated Bridges Including Soil-Structure Interaction. Latin American Journal of Solids and Structures, 2017, 14, 2324-2341.	0.6	38
84	Research developments in vibration control of structures using passive tuned mass dampers. Annual Reviews in Control, 2017, 44, 129-156.	4.4	287
85	Dynamic Analysis of Offshore Wind Turbine Structures. Advances in Civil and Industrial Engineering Book Series, 2017, , 116-191.	0.2	0
86	Advancements in Design, Analysis, and Retrofitting of Structures Exposed to Blast. Advances in Civil Engineering, 2016, 2016, 1-2.	0.4	2
87	Fragility Analysis of Base-Isolated Liquid Storage Tanks under Random Sinusoidal Base Excitation Using Generalized Polynomial Chaos Expansion Based Simulation. Journal of Structural Engineering, 2016, 142, .	1.7	22
88	Dynamic Analysis of Tunnel in Weathered Rock Subjected to Internal Blast Loading. Rock Mechanics and Rock Engineering, 2016, 49, 4441-4458.	2.6	38
89	Effectiveness of distributed tuned mass dampers for multi-mode control of chimney under earthquakes. Engineering Structures, 2016, 124, 1-16.	2.6	88
90	Parametric Sensitivity Analysis and Uncertainty Quantification for Cast Iron Lined Tunnels Embedded in Soil and Rock under Internal Blast Loading. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	13

#	ARTICLE	IF	CITATIONS
91	Comparative performance of composite sandwich panels and non-composite panels under blast loading. Materials and Structures/Materiaux Et Constructions, 2016, 49, 611-629.	1.3	40
92	Dynamic Analysis of a Twin Tunnel in Soil Subjected to Internal Blast Loading. Indian Geotechnical Journal, 2016, 46, 369-380.	0.7	25
93	Seismic fragility of base-isolated water storage tanks under non-stationary earthquakes. Bulletin of Earthquake Engineering, 2016, 14, 1153-1175.	2.3	20
94	Uncertainty quantification and seismic fragility of base-isolated liquid storage tanks using response surface models. Probabilistic Engineering Mechanics, 2016, 43, 20-35.	1.3	53
95	Experimental investigation on mechanical properties of basalt fibre-reinforced concrete. Structural Concrete, 2016, , .	1.5	3
96	Dynamic characterization of Himalayan quartzite subjected to intermediate and high strain rates. , 2016, , .		2
97	Finite Element Analysis of Thin Circular Cylindrical Shells. Proceedings of the Indian National Science Academy, 2016, .	0.5	6
98	Dynamic Analysis of Twin Tunnel Subjected to Internal Blast Loading. , 2015, , 343-354.		5
99	Design Optimization of Steel Members Using Openstaad and Genetic Algorithm. , 2015, , 233-244.		1
100	Response of Semi-Buried Structures Subjected to Multiple Blast Loading Considering Soil-Structure Interaction. Indian Geotechnical Journal, 2015, 45, 243-253.	0.7	12
101	Reviewing dynamic analysis of base-isolated cylindrical liquid storage tanks under near-fault earthquakes. IES Journal Part A: Civil and Structural Engineering, 2015, 8, 41-61.	0.4	17
102	Characterization of Kota Sandstone Under Different Strain Rates in Uniaxial Loading. Geotechnical and Geological Engineering, 2015, 33, 143-152.	0.8	35
103	Behaviour of Elevated Water Storage Tanks Under Seismic Events. , 2015, , 1167-1176.		1
104	Optimum Tuned Mass Damper for Wind and Earthquake Response Control of High-Rise Building. , 2015, , 1475-1487.		22
105	Stochastic Dynamic Analysis of an Offshore Wind Turbine Considering Soil-Structure Interaction. , 2015, , 673-687.		1
106	Interaction of a shock wave with a closed cell aluminum metal foam. Combustion, Explosion and Shock Waves, 2015, 51, 373-380.	0.3	28
107	Vibration control of Elevated Water Tanks using viscous dampers. , 2015, , .		1
108	Advances in Structural Engineering. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
109	Advances in Structural Engineering. , 2015, , .		22
110	Advances in Structural Engineering. , 2015, , .		3
111	Nonlinear Dynamic Behavior of Granular Materials in Base Excited Silos. Mechanics of Advanced Materials and Structures, 2015, 22, 313-323.	1.5	8
112	Blast resistance of stiffened sandwich panels with aluminum cenosphere syntactic foam. International Journal of Impact Engineering, 2015, 77, 134-146.	2.4	52
113	Nonlinear Buckling Analysis of Slender Piles with Geometric Imperfections. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, .	1.5	29
114	Bond-Slip Response of FRP Sheets or Plates Bonded to Reinforced Concrete Beam Under Dynamic Loading. , 2015, , 1959-1969.		1
115	Dynamic Analysis of Curved Tunnels Subjected to Internal Blast Loading. , 2015, , 405-415.		2
116	Coupled Acoustic-Structure Interaction in Cylindrical Liquid Storage Tank Subjected to Bi-directional Excitation. , 2015, , 1155-1166.		5
117	Materials for Sacrificial Blast Wall as Protective Structure. Proceedings of the Indian National Science Academy, 2015, 79, 717.	0.5	3
118	Supplemental dampers in base-isolated buildings to mitigate large isolator displacement under earthquake excitations. Bulletin of the New Zealand Society for Earthquake Engineering, 2015, 48, 100-117.	0.2	21
119	Performance of Seismic Base-Isolated Building for Secondary System Protection Under Real Earthquakes. , 2015, , 1353-1363.		2
120	SEISMIC ANALYSIS OF BASE-ISOLATED CYLINDRICAL LIQUID STORAGE TANK USING COUPLED ACOUSTIC-STRUCTURAL INTERACTION. , 2015, , .		0
121	Interaction of a Shock Wave with a Closed Cell Aluminum Metal Foam. Fizika Goreniya I Vzryva, 2015, 51, .	0.0	1
122	Distributed Multiple Tuned Mass Dampers for Wind Vibration Response Control of High-Rise Building. Journal of Engineering (United States), 2014, 2014, 1-11.	0.5	31
123	Blast resistance of stiffened sandwich panels with closed-cell aluminum foam. Latin American Journal of Solids and Structures, 2014, 11, 2497-2515.	0.6	16
124	Earthquake Response of Base-Isolated Liquid Storage Tanks for Different Isolator Models. Journal of Earthquake and Tsunami, 2014, 08, 1450013.	0.7	23
125	Factors Influencing Design Iteration with a Focus on Project Duration. Journal of Management in Engineering - ASCE, 2014, 30, 127-130.	2.6	6
126	Closure to "Performance of an AASHTO Beam Bridge Prestressed with CFRP Tendons" by Nabil Grace, Elin Jensen, Vasant Matsagar, and Prasadu Penjendra. Journal of Bridge Engineering, 2014, 19, 07013002.	1.4	0



#	ARTICLE	IF	CITATIONS
127	Dynamic analysis of liquid storage tank under blast using coupled Euler-Lagrange formulation. Thin-Walled Structures, 2014, 84, 91-111.	2.7	38
128	Blast-Resistant Design of Structures. Practice Periodical on Structural Design and Construction, 2014, 19, .	0.7	65
129	Finite Element Simulation of Cylindrical Liquid Storage Tank Under Tri-Directional Components of Earthquake. , 2014, , .		1
130	Strain rate sensitivity of closed cell aluminium fly ash foam. Transactions of Nonferrous Metals Society of China, 2013, 23, 1080-1089.	1.7	25
131	Dynamic Response of Steel-Sand Composite Stiffened Plates Under Blast Loading. , 2013, , 787-803.		2
132	Stochastic analysis of base-isolated liquid storage tanks with uncertain isolator parameters under random excitation. Engineering Structures, 2013, 57, 465-474.	2.6	41
133	Performance of an AASHTO Beam Bridge Prestressed with CFRP Tendons. Journal of Bridge Engineering, 2013, 18, 110-121.	1.4	20
134	Comparative Performance of Stiffened Sandwich Foam Panels under Impulsive Loading. Journal of Performance of Constructed Facilities, 2013, 27, 540-549.	1.0	43
135	STOCHASTIC SEISMIC RESPONSE OF BASE-ISOLATED BUILDINGS. International Journal of Applied Mechanics, 2013, 05, 1350006.	1.3	17
136	Wind Response Control of 76-Storey Benchmark Building with Distributed Multiple Tuned Mass Dampers. , 2013, , .		2
137	Dynamic compression behavior of cenosphere aluminum alloy syntactic foam. Materials & Design, 2012, 42, 418-423.	5.1	83
138	An Abridged Review of Blast Wave Parameters. Defence Science Journal, 2012, 62, 300-306.	0.5	105
139	Dynamic Response of Stiffened Plates under Air Blast. International Journal of Protective Structures, 2011, 2, 139-155.	1.4	38
140	Impact Response of Torsionally Coupled Base-isolated Structures. JVC/Journal of Vibration and Control, 2010, 16, 1623-1649.	1.5	31
141	Transverse diaphragms and unbonded CFRP post-tensioning in box-beam bridges. PCI Journal, 2010, 55, 109-122.	0.4	12
142	Base Isolation for Seismic Retrofitting of Structures. Practice Periodical on Structural Design and Construction, 2008, 13, 175-185.	0.7	67
143	Dynamic Characterisation of Base-Isolated Structures Using Analytical Shear-Beam Model. International Journal of Acoustics and Vibrations, 2006, 11, .	0.3	1
144	Base-isolated building connected to adjacent building using viscous dampers. Bulletin of the New Zealand Society for Earthquake Engineering, 2006, 39, 59-80.	0.2	9

#	ARTICLE	IF	CITATIONS
145	Base-Isolated Building with Asymmetries Due to the Isolator Parameters. <i>Advances in Structural Engineering</i> , 2005, 8, 603-621.	1.2	9
146	Influence of isolator characteristics on the response of base-isolated structures. <i>Engineering Structures</i> , 2004, 26, 1735-1749.	2.6	145
147	Seismic response of base-isolated structures during impact with adjacent structures. <i>Engineering Structures</i> , 2003, 25, 1311-1323.	2.6	100
148	Influence of Nonlinear Fluid Viscous Dampers on Seismic Response of RC Elevated Storage Tanks. <i>Civil Engineering Journal (Iran)</i> , 0, 6, 98-118.	1.2	11