

Robert Levy

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

357
citations

1162889

8
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal design of supplemental viscous dampers for irregular shear-frames in the presence of yielding. <i>Earthquake Engineering and Structural Dynamics</i> , 2005, 34, 889-907.	2.5	100
2	Optimal design of supplemental viscous dampers for linear framed structures. <i>Earthquake Engineering and Structural Dynamics</i> , 2006, 35, 337-356.	2.5	87
3	Simple Iterative Use of Lyapunov's Solution for the Linear Optimal Seismic Design of Passive Devices in Framed Buildings. <i>Journal of Earthquake Engineering</i> , 2009, 13, 650-666.	1.4	39
4	Geometrically nonlinear analysis of shell structures using a flat triangular shell finite element. <i>Archives of Computational Methods in Engineering</i> , 2006, 13, 331-388.	6.0	35
5	Damage in Critical Infrastructures Due to Natural and Man-made Extreme Events – A Critical Review. <i>Procedia Engineering</i> , 2014, 85, 529-535.	1.2	26
6	Quantitative Comparison of Optimization Approaches for the Design of Supplemental Damping in Earthquake Engineering Practice. <i>Journal of Structural Engineering</i> , 2009, 135, 321-325.	1.7	21
7	Seismic design methodology for friction damped braced frames. <i>Earthquake Engineering and Structural Dynamics</i> , 2000, 29, 1569-1585.	2.5	17
8	Seismic retrofit of frame structures using passive systems based on optimal control. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2038.	1.9	9
9	FIXED POINT THEORY AND STRUCTURAL OPTIMIZATION. <i>Engineering Optimization</i> , 1991, 17, 251-261.	1.5	7
10	A methodology of risk assessment, management, and coping actions for nuclear power plant (NPP) hit by high-explosive warheads. <i>Advanced Engineering Informatics</i> , 2020, 46, 101192.	4.0	5
11	Seismic upgrade of structures using the H ∞ control problem for a general system interconnection paradigm. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2162.	1.9	4
12	Seismic structural design methodology for inelastic shear buildings that regulates floor accelerations. <i>Engineering Structures</i> , 2019, 187, 428-443.	2.6	4
13	The feasibility of passive controlled structural mechanism method to the design of structures. <i>Engineering Structures</i> , 2018, 155, 167-177.	2.6	3