

Payam Asadi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An experimental study on a self-centering damper based on shape-memory alloy wires. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 3779-3802.	4.7	11
2	Lifetime performance assessment of ductile steel frame using fractional model of viscoelastic dampers considering uncertainty parameters. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3157-3179.	4.7	2
3	Life-Cycle Cost Analysis of Seismic Designed RC Frames Including Environmental and Social Costs. <i>Journal of Earthquake Engineering</i> , 2022, 26, 5958-5977.	2.5	3
4	Analysis of bilinear hysteretic structures with nonlinear fluid viscous dampers using modified stochastic linearization technique. <i>Engineering Structures</i> , 2022, 251, 113555.	5.3	5
5	Free vibration analysis of flexible rectangular fluid tanks with a horizontal crack. <i>Applied Mathematical Modelling</i> , 2021, 91, 93-110.	4.2	7
6	Life-cycle sustainability design of RC frames under the seismic loads. <i>Asian Journal of Civil Engineering</i> , 2020, 21, 293-310.	1.6	0
7	Optimal seismic retrofit of fractional viscoelastic dampers for minimum life-cycle cost of retrofitted steel frames. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 2021-2035.	3.5	11
8	A practical methodology for optimum seismic design of RC frames for minimum damage and life-cycle cost. <i>Engineering Structures</i> , 2020, 202, 109896.	5.3	27
9	Life-cycle cost optimization of semiactive magnetorheological dampers for the seismic control of steel frames. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1807.	1.9	2
10	Seismic performance assessment of steel frames with shape-memory alloy wire-based dampers. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1797.	1.9	3
11	Life-cycle cost based design of bridge lead-rubber isolators in seismic regions. <i>Structures</i> , 2020, 27, 383-395.	3.6	13
12	Seismic collapse assessment of deteriorating RC bridges under multiple hazards during their life-cycle. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 5045-5072.	4.1	9
13	An efficient performance-based seismic design method for reinforced concrete frames. <i>Earthquake Engineering and Structural Dynamics</i> , 2012, 41, 663-679.	4.4	68
14	A new modified stochastic linearization technique to analyze structures with nonlinear fluid viscous dampers. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110195.	2.6	1