

# Alireza Farzampour

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

471  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior prediction of corrugated steel plate shear walls with openings. <i>Journal of Constructional Steel Research</i> , 2015, 114, 258-268.	3.9	101
2	Nano Silica and Metakaolin Effects on the Behavior of Concrete Containing Rubber Crumbs. <i>CivilEng</i> , 2020, 1, 264-274.	1.4	55
3	Analysis and design recommendations for corrugated steel plate shear walls with a reduced beam section. <i>Thin-Walled Structures</i> , 2018, 132, 658-666.	5.3	54
4	Seismic Behavior Investigation of the Corrugated Steel Shear Walls Considering Variations of Corrugation Geometrical Characteristics. <i>International Journal of Steel Structures</i> , 2018, 18, 1297-1305.	1.3	41
5	Infill plate interconnection effects on the structural behavior of steel plate shear walls. <i>Thin-Walled Structures</i> , 2020, 149, 106621.	5.3	36
6	Investigation of the infill plate boundary condition effects on the overall performance of the steel plate shear walls with circular openings. <i>Structures</i> , 2020, 27, 824-836.	3.6	26
7	Probabilistic seismic performance and loss evaluation of a multi-story steel building equipped with butterfly-shaped fuses. <i>Journal of Constructional Steel Research</i> , 2020, 172, 106187.	3.9	23
8	Yielding and lateral torsional buckling limit states for butterfly-shaped shear links. <i>Engineering Structures</i> , 2019, 180, 442-451.	5.3	22
9	Parametric computational study on butterfly-shaped hysteretic dampers. <i>Frontiers of Structural and Civil Engineering</i> , 2019, 13, 1214-1226.	2.9	21
10	Incremental Dynamic Analysis for Estimating Seismic Performance of Multi-Story Buildings with Butterfly-Shaped Structural Dampers. <i>Buildings</i> , 2019, 9, 78.	3.1	17
11	Force-Displacement Relationship of the Butterfly-Shaped Beams Based on Gene Expression Programming. <i>International Journal of Steel Structures</i> , 2020, 20, 2009-2019.	1.3	13
12	Structural behavior prediction of the Butterfly-shaped and straight shear fuses. <i>Structures</i> , 2021, 33, 3964-3972.	3.6	12
13	Optimization of the Curved Metal Damper to Improve Structural Energy Dissipation Capacity. <i>Buildings</i> , 2022, 12, 67.	3.1	12
14	Improved Homotopy Perturbation Method for Geometrically Nonlinear Analysis of Space Trusses. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2987.	2.5	11
15	Innovative Structural Fuse Systems for Various Prototype Applications. <i>Materials</i> , 2022, 15, 805.	2.9	10
16	Unsupervised identification of arbitrarily-damped structures using time-scale independent component analysis: Part I. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 567-577.	1.5	8
17	Unsupervised identification of arbitrarily-damped structures using time-scale independent component analysis: Part II. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 4413-4422.	1.5	5
18	Evaluation of Seismic Vulnerability of Hospitals in the Tehran Metropolitan Area. <i>Buildings</i> , 2021, 11, 54.	3.1	4