

Mohsen Gerami

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Assessment and CVGM Modeling to Investigate the Seismic Stressâ€”and Strainâ€”Controlled Fatigue Properties of St-37 and St-52 Grade Steels. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	5
2	Spectral Velocity of the Ground Surface in Alluvial Soils due to the Presence of Circular Urban Subway Tunnels. Shock and Vibration, 2022, 2022, 1-16.	0.3	0
3	Influence of siteâ€”city interaction on the response of structures considering soil stiffness, height, and number of buildings. Earthquake Engineering and Structural Dynamics, 2021, 50, 1290-1314.	2.5	8
4	The Effect of Irregularity of Lateral Stiffness in Estimating the Separation Gap of Adjacent Frames. KSCE Journal of Civil Engineering, 2020, 24, 166-177.	0.9	3
5	The Effect of the Mainshockâ€”Aftershock on the Estimation of the Separation Gap of Regular and Irregular Adjacent Structures with the Soft Story. Journal of Earthquake and Tsunami, 2020, 14, .	0.7	4
6	Correlation Effects of Near-Field Seismic Components in Circular Metro Tunnels: A Case Studyâ€”Tehran Metro Tunnels. Shock and Vibration, 2020, 2020, 1-13.	0.3	3
7	Postannealing Mechanical Properties of Structural Steel St37. Journal of Materials in Civil Engineering, 2020, 32, .	1.3	4
8	Performance Assessment of Bolted Extended End-Plate Moment Connections Constructed from Grade St-37 Steel Subjected to Fatigue. Journal of Materials in Civil Engineering, 2020, 32, .	1.3	13
9	Reliability assessment of RC frames rehabilitated by eccentrically braces having vertical shear link. SN Applied Sciences, 2020, 2, 1.	1.5	5
10	Seismic behavior of frames with weak bolted end plate connections rehabilitated by posttensioned tendons under nearâ€”farâ€”field earthquakes. Structural Design of Tall and Special Buildings, 2020, 29, e1726.	0.9	1
11	The Effect of Skewness on Rotational Response of the Curved Bridge Deck under Near-Fault Motions. KSCE Journal of Civil Engineering, 2019, 23, 4836-4845.	0.9	0
12	Seismic Rehabilitation of Steel Frame Connections Through Asymmetrically Weakening the Beam. International Journal of Steel Structures, 2019, 19, 1209-1224.	0.6	2
13	Seismic Behavior of Frames with Bolted End Plate Connections Rehabilitated by Welded Haunches Under Near- and Far-Fault Earthquakes. International Journal of Steel Structures, 2019, 19, 672-691.	0.6	5
14	Assessment of Higher Modes Effects on Steel Moment Resisting Structures under Near-Fault Earthquakes with Forward Directivity Effect Along Strike-Parallel and Strike-Normal Components. International Journal of Steel Structures, 2019, 19, 1543-1559.	0.6	9
15	Quantifying response variability of steel moment frames due to seismic uncertainties. Asian Journal of Civil Engineering, 2019, 20, 503-514.	0.8	1
16	Seismic Acceleration Spectrum of Ground Surface under Urban Subway Tunnels with Circular Cross Sections in Soil Deposits Based on SSI. Shock and Vibration, 2019, 2019, 1-13.	0.3	3
17	The Spectra of Relative Input Energy per Unit Mass of Structure for Iranian Earthquakes. International Journal of Civil Engineering, 2019, 17, 1183-1199.	0.9	8
18	A comparison of seismic low cycle fatigue and extremely low cycle fatigue on steel moment frames with reduced beam section connection (RBS). International Journal of Fatigue, 2019, 119, 139-149.	2.8	13

#	ARTICLE	IF	CITATIONS
19	Shear Demands of Steel Moment-Resisting Frames Under Near- and Far-Fault Seismic Excitations. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2018, 42, 1-16.	1.0	0
20	The Effect of Temperature on Seismic Response of Cu-Al-Mn SMA Braced Frame. International Journal of Civil Engineering, 2018, 16, 1687-1697.	0.9	6
21	Effects of higher modes and MDOF on strength reduction factor of elastoplastic structures under far and near-fault ground motions. Ain Shams Engineering Journal, 2017, 8, 127-143.	3.5	7
22	Post tensioned tendons for seismic retrofitting of weak bolted T-stub connections. International Journal of Steel Structures, 2017, 17, 877-891.	0.6	5
23	Seismic Vulnerability Assessment of Steel Moment-Resisting Frames Based on Local Damage. Journal of Earthquake and Tsunami, 2017, 11, 1750016.	0.7	6
24	Seismic strengthening of weak bolted end plate connections using welded haunches. International Journal of Steel Structures, 2017, 17, 743-755.	0.6	10
25	Computation of R Factor for Steel Moment Frames by Using Conventional and Adaptive Pushover Methods. Arabian Journal for Science and Engineering, 2017, 42, 1025-1037.	1.7	2
26	Comparative Evaluation of Behavior Factor of SMRF Structures for Near and Far Fault Ground Motions. Periodica Polytechnica: Civil Engineering, 2016, 60, 75-82.	0.6	6
27	Uniform Damping Ratio For Non-Classically Damped Hybrid Steel Concrete Structures. International Journal of Civil Engineering, 2016, 14, 1-11.	0.9	27
28	Seismic rehabilitation of bolted end plate connections using post-tensioned tendons. Engineering Structures, 2016, 129, 18-30.	2.6	8
29	Welded haunches for seismic retrofitting of bolted T-stub connections and flexural strengthening of simple connections. Engineering Structures, 2016, 129, 31-43.	2.6	15
30	Inelastic deformation demands of regular steel frames subjected to pulse-like near-fault ground shakings. International Journal of Advanced Structural Engineering, 2016, 8, 281-296.	1.3	3
31	Behaviour factor of buckling restrained braced structures for near and far fault ground motions. International Journal of Structural Engineering, 2015, 6, 158.	0.3	2
32	Vulnerability of steel moment-resisting frames under effects of forward directivity. Structural Design of Tall and Special Buildings, 2015, 24, 97-122.	0.9	21
33	Inelastic behavior of cold-formed braced walls under monotonic and cyclic loading. International Journal of Advanced Structural Engineering, 2015, 7, 181-209.	1.3	8
34	Analytical Analysis of Seismic Behavior of Cold-Formed Steel Frames with Strap Brace and Sheathings Plates. Advances in Civil Engineering, 2014, 2014, 1-22.	0.4	4
35	Comparison of bolted end plate and T-stub connections sensitivity to bolt diameter on cyclic behavior. International Journal of Steel Structures, 2014, 14, 633-647.	0.6	8
36	Numerical Study on Energy Dissipation of Steel Moment Resisting Frames under Effect of Earthquake Vibrations. Advances in Acoustics and Vibration, 2014, 2014, 1-13.	0.5	4

#	ARTICLE	IF	CITATIONS
37	Comparison of bolted end plate and T-stub connection sensitivity to component thickness. Journal of Constructional Steel Research, 2014, 98, 134-145.	1.7	37
38	Performance-based seismic rehabilitation of existing steel eccentric braced buildings in near fault ground motions. Structural Design of Tall and Special Buildings, 2014, 23, 881-896.	0.9	11
39	Equivalent modal damping ratios for non-classically damped hybrid steel concrete buildings with transitional storey. Structural Engineering and Mechanics, 2014, 50, 383-401.	1.0	20
40	Nonlinear seismic vulnerability evaluation of irregular steel buildings with cumulative damage indices. International Journal of Advanced Structural Engineering, 2013, 5, 1.	1.3	8
41	Cyclic behavior of bolted connections with different arrangement of bolts. Journal of Constructional Steel Research, 2011, 67, 690-705.	1.7	65
42	The Effects of Reduced Beam Section Connections on Seismic Displacement Demands in Steel Moment Frames. , 2010, , .		0
43	Study of New Method for Retrofitting Pre-Northridge Connections by Reducing Beam Section. , 2010, , .		0
44	An Experimental and Numerical Investigation on Seismic Retrofit of Steel Moment Frame Connections. Journal of Earthquake Engineering, 0, , 1-21.	1.4	6
45	Seismic performance evaluation of Cu-Al-Mn shape memory alloy concentrically braced frame. European Journal of Environmental and Civil Engineering, 0, , 1-20.	1.0	0
46	Numerical study of reliability index of structures rehabilitated with steel shear wall. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 0, , 1-39.	0.4	2
47	Probabilistic residual capacity assessment of mainshock-damaged multi-span simply supported concrete girder bridges subjected to aftershocks. Bulletin of Earthquake Engineering, 0, , .	2.3	0