

Saber Moradi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

468
citations

840585

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839398

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g-index

22
all docs

22
docs citations

22
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic response of steel braced frames with shape memory alloy braces. Journal of Constructional Steel Research, 2011, 67, 65-74.	1.7	80
2	Incremental dynamic analysis of steel frames equipped with NiTi shape memory alloy braces. Structural Design of Tall and Special Buildings, 2014, 23, 1406-1425.	0.9	63
3	Feasibility study of utilizing superelastic shape memory alloy plates in steel beam-column connections for improved seismic performance. Journal of Intelligent Material Systems and Structures, 2015, 26, 463-475.	1.4	53
4	Seismic performance of a self-centering steel moment frame building: From component-level modeling to economic loss assessment. Journal of Constructional Steel Research, 2018, 150, 129-140.	1.7	38
5	Finite-Element Simulation of Posttensioned Steel Connections with Bolted Angles under Cyclic Loading. Journal of Structural Engineering, 2016, 142, .	1.7	37
6	Lateral Load-Drift Response and Limit States of Posttensioned Steel Beam-Column Connections: Parametric Study. Journal of Structural Engineering, 2017, 143, .	1.7	31
7	Response surface analysis and optimization of controlled rocking steel braced frames. Bulletin of Earthquake Engineering, 2018, 16, 4861-4892.	2.3	28
8	Feasibility of using reduced length superelastic shape memory alloy strands in post-tensioned steel beam-column connections. Journal of Intelligent Material Systems and Structures, 2019, 30, 283-307.	1.4	28
9	Cyclic response sensitivity of post-tensioned steel connections using sequential fractional factorial design. Journal of Constructional Steel Research, 2015, 112, 155-166.	1.7	21
10	Cyclic response sensitivity of energy dissipating steel plate fuses. Structures, 2020, 23, 799-811.	1.7	15
11	Multi-criteria optimization of lateral load-drift response of posttensioned steel beam-column connections. Engineering Structures, 2017, 130, 180-197.	2.6	14
12	Response modification factors for steel buckling restrained braced frames designed as per the 2010 National Building Code of Canada. Canadian Journal of Civil Engineering, 2016, 43, 702-715.	0.7	11
13	Parameterized fragility functions for controlled rocking steel braced frames. Engineering Structures, 2018, 176, 254-264.	2.6	11
14	Limit state behavior and response sensitivity analysis of endplate steel connections with shape memory alloy bolts. Journal of Intelligent Material Systems and Structures, 2020, 31, 2071-2087.	1.4	9
15	Surrogate models for endplate beam-column connections with shape memory alloy bolts. Journal of Constructional Steel Research, 2021, 187, 106929.	1.7	9
16	Sensitivity analysis of self-centering column base connections with shape memory alloy bolts. Structures, 2022, 38, 1050-1065.	1.7	7
17	Predictive equations and continuum FE models for self-centering response of SMA-based steel beam-column connections with steel angles. Journal of Building Engineering, 2021, 43, 102859.	1.6	6
18	Effects of design factors on the cyclic response of sloped RBS moment connections. Engineering Structures, 2020, 207, 110228.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Topology optimization and seismic collapse assessment of shape memory alloy (SMA)-braced frames: Effectiveness of Fe-based SMAs. <i>Frontiers of Structural and Civil Engineering</i> , 0, , 1.	1.2	2
20	Incremental Dynamic Analysis of Shape Memory Alloy Braced Steel Frames. <i>Applied Mechanics and Materials</i> , 2014, 680, 263-266.	0.2	0
21	Feasible Application of Shape Memory Alloy Plates in Steel Beam-Column Connections. , 2015, , .		0
22	Closure to “Lateral Load” Drift Response and Limit States of Posttensioned Steel Beam-Column Connections: Parametric Study” by Saber Moradi and M. Shahria Alam. <i>Journal of Structural Engineering</i> , 2018, 144, 07018007.	1.7	0