

Haluk Sucuoglu

List of Publications by Year in descending order

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471509

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66
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66
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Fragility Curves for Single-Column RC Italian Bridges Using Nonlinear Static Analysis. Journal of Earthquake Engineering, 2022, 26, 2328-2352.	2.5	7
2	Performance of structures in İzmir after the Samos island earthquake. Bulletin of Earthquake Engineering, 2022, 20, 7793-7818.	4.1	32
3	Torsional ductility spectrum for predicting ductility distribution in simple asymmetric plan structures. Earthquake Engineering and Structural Dynamics, 2021, 50, 538-559.	4.4	6
4	Damping spectra for estimating inelastic deformations from modal response spectrum analysis. Earthquake Engineering and Structural Dynamics, 2021, 50, 436-454.	4.4	3
5	Efficiency of Viscous Damping in Seismic Energy Dissipation and Response Reduction. Lecture Notes in Civil Engineering, 2021, , 265-276.	0.4	1
6	Interstory drift based scaling of earthquake ground motions. Earthquake Engineering and Structural Dynamics, 2021, 50, 3814-3830.	4.4	9
7	The role of overstrength on the seismic performance of asymmetric plan structures. Earthquake Engineering and Structural Dynamics, 2019, 48, 412-431.	4.4	6
8	Development of Fragility Curves for Multi-Span RC Bridges using Generalized Pushover Analysis. IABSE Symposium Report, 2019, , .	0.0	1
9	EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF VARIABLE FRICTION BASE ISOLATION SYSTEMS. , 2019, , .		1
10	SEISMIC RISK ASSESSMENT OF MULTI-SPAN BRIDGES USING NONLINEAR STATIC PROCEDURES. , 2019, , .		1
11	ELASTIC AND INELASTIC NEAR FAULT INPUT ENERGY SPECTRA. , 2019, , .		0
12	Elastic and Inelastic Near-Fault Input Energy Spectra. Earthquake Spectra, 2018, 34, 611-637.	3.1	27
13	Generalized force vectors for multi-mode pushover analysis of bridges. Bulletin of Earthquake Engineering, 2017, 15, 5247-5280.	4.1	9
14	SEISMIC RESPONSE OF RC BRIDGES USING GENERALISED FORCE VECTORS. , 2017, , .		0
15	Prediction of input energy spectrum: attenuation models and velocity spectrum scaling. Earthquake Engineering and Structural Dynamics, 2016, 45, 2137-2161.	4.4	32
16	Limitations on linear elastic procedures in performance assessment of regular frames. Earthquake Engineering and Structural Dynamics, 2015, 44, 2659-2675.	4.4	2
17	Seismic Risk Prioritization and Retrofit Cost Evaluation of Code-Deficient RC Public Buildings in Turkey. Earthquake Spectra, 2015, 31, 601-614.	3.1	4
18	Forced Vibration Testing and Finite Element Modeling of a Nine-Story Reinforced Concrete Flat Plate-Wall Building. Earthquake Spectra, 2015, 31, 1069-1081.	3.1	5

#	ARTICLE	IF	CITATIONS
19	Practical Implementation of Generalized Force Vectors for the Multimodal Pushover Analysis of Building Structures. Earthquake Spectra, 2015, 31, 1043-1067.	3.1	8
20	Seismic performance of gravity-load designed concrete frames infilled with low-strength masonry. Earthquake and Structures, 2015, 8, 19-35.	1.0	15
21	Pseudo-Dynamic Testing and Analytical Modeling of AAC Infilled RC Frames. Journal of Earthquake Engineering, 2014, 18, 1281-1301.	2.5	15
22	Generalized force vectors for multi-mode pushover analysis of torsionally coupled systems. Earthquake Engineering and Structural Dynamics, 2014, 43, 2015-2033.	4.4	19
23	Application of Mesh Reinforced Mortar for Performance Enhancement of Hollow Clay Tile Infill Walls. Geotechnical, Geological and Earthquake Engineering, 2014, , 171-186.	0.2	4
24	Rapid Seismic Assessment Procedures for the Turkish Building Stock. Geotechnical, Geological and Earthquake Engineering, 2014, , 15-35.	0.2	4
25	Seismic Performance Assessment of Unreinforced Masonry Buildings with a Hybrid Modeling Approach. Earthquake Spectra, 2013, 29, 33-57.	3.1	17
26	Inelastic Displacement Response of RC Systems with Cyclic Deterioration—An Energy Approach. Journal of Earthquake Engineering, 2012, 16, 937-962.	2.5	10
27	Seismic risk prioritization of residential buildings in Istanbul. Earthquake Engineering and Structural Dynamics, 2012, 41, 1533-1547.	4.4	3
28	Generalized force vectors for multi-mode pushover analysis. Earthquake Engineering and Structural Dynamics, 2011, 40, 55-74.	4.4	68
29	An improvement to linear-elastic procedures for seismic performance assessment. Earthquake Engineering and Structural Dynamics, 2010, 39, 907-931.	4.4	6
30	The Effect of Displacement History on the Performance of Concrete Columns in Flexure. Geotechnical, Geological and Earthquake Engineering, 2010, , 373-382.	0.2	3
31	Predicting the Seismic Response of Capacity-Designed Structures by Equivalent Linearization. Journal of Earthquake Engineering, 2009, 13, 623-649.	2.5	27
32	A Screening Procedure for Seismic Risk Assessment in Urban Building Stocks. Earthquake Spectra, 2007, 23, 441-458.	3.1	76
33	Enhancement of the National Strong-Motion Network in Turkey. Seismological Research Letters, 2007, 78, 429-438.	1.9	9
34	AN EQUIVALENT LINEARIZATION PROCEDURE FOR DISPLACEMENT-BASED SEISMIC ASSESSMENT OF VULNERABLE RC BUILDINGS. , 2006, , 63-78.		1
35	IN DEFENCE OF ZEYTINBURNU. , 2006, , 95-116.		3
36	Displacement-Based Fragility Functions for Low- and Mid-rise Ordinary Concrete Buildings. Earthquake Spectra, 2005, 21, 901-927.	3.1	110

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37	ECONOMIC ASSESSMENT OF THE SEISMIC RETROFITTING OF LOW-COST APARTMENT BUILDINGS. Journal of Earthquake Engineering, 2005, 9, 577-584.	2.5	8
38	Influence of Ground Motion Intensity on the Performance of Low- and Mid-Rise Ordinary Concrete Buildings. , 2005, , 123-138.		1
39	Performance-Based Seismic Rehabilitation of Damaged Reinforced Concrete Buildings. Journal of Structural Engineering, 2004, 130, 1475-1486.	3.4	12
40	Seismic energy dissipation in deteriorating systems through low-cycle fatigue. Earthquake Engineering and Structural Dynamics, 2004, 33, 49-67.	4.4	41
41	Energy-based hysteresis and damage models for deteriorating systems. Earthquake Engineering and Structural Dynamics, 2004, 33, 69-88.	4.4	66
42	Predicting Intensity and Damage Distribution during the 1995 Dinar, Turkey, Earthquake with Generated Strong Motion Accelerograms. Bulletin of the Seismological Society of America, 2003, 93, 1267-1279.	2.3	6
43	Peak Ground Velocity Sensitive Deformation Demands and a Rapid Damage Assessment Approach. , 2003, , 77-96.		4
44	An Overview of Local Site Effects and the Associated Building Damage in Adapazari during the 17 August 1999 Izmit Earthquake. Bulletin of the Seismological Society of America, 2002, 92, 509-526.	2.3	71
45	Title is missing!. Journal of Seismology, 2002, 6, 347-355.	1.3	7
46	Analysis of Accelerations from the 1 October 1995 Dinar, Turkey, Earthquake. Bulletin of the Seismological Society of America, 2001, 91, 1433-1445.	2.3	14
47	STRUCTURAL REHABILITATION OF DAMAGED RC BUILDINGS AFTER THE 1 OCTOBER 1995 DİNAR EARTHQUAKE. Journal of Earthquake Engineering, 2001, 5, 131-151.	2.5	2
48	Statistical evaluation of the damage potential of earthquake ground motions. Structural Safety, 1998, 20, 357-378.	5.3	25
49	ENGINEERING EVALUATION OF THE 1 OCTOBER 1995 DİNAR EARTHQUAKE (ML = 5.9). Journal of Earthquake Engineering, 1997, 1, 581-602.	2.5	4
50	Behaviour of window glass panels during earthquakes. Engineering Structures, 1997, 19, 685-694.	5.3	34
51	PERFORMANCE EVALUATION OF A THREE-STOREY UNREINFORCED MASONRY BUILDING DURING THE 1992 ERZÄNCAN EARTHQUAKE. Earthquake Engineering and Structural Dynamics, 1997, 26, 319-336.	4.4	25
52	Discussion: An approach to the measurement of the potential structural damage of earthquake ground motions. Earthquake Engineering and Structural Dynamics, 1997, 26, 1283-1285.	4.4	3
53	Title is missing!. Journal of Earthquake Engineering, 1997, 1, 581.	2.5	0
54	Earthquake ground motion characteristics and seismic energy dissipation. Earthquake Engineering and Structural Dynamics, 1995, 24, 1195-1213.	4.4	71

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55	Prediction of seismic energy dissipation in SDOF systems. Earthquake Engineering and Structural Dynamics, 1995, 24, 1215-1223.	4.4	21
56	Effect of Connection Rigidity on Seismic Response of Precast Concrete Frames. PCI Journal, 1995, 40, 94-103.	0.6	32
57	Resistance Mechanisms in RC Building Frames Subjected to Column Failure. Journal of Structural Engineering, 1994, 120, 765-782.	3.4	16
58	An analytical assessment of elastic and inelastic response spectra. Canadian Journal of Civil Engineering, 1994, 21, 386-395.	1.3	12
59	Seismic Shear Capacity of Reinforced Masonry Piers. Journal of Structural Engineering, 1991, 117, 2166-2185.	3.4	19
60	Discussion of "Inelastic Behavior of Concrete Masonry Shear Walls" by P. B. Shing, J. L. Noland, E. Klamers, and H. Spaeh (September, 1989, Vol. 115, No. 9). Journal of Structural Engineering, 1991, 117, 2805-2807.	3.4	0
61	A linear mathematical model for the seismic inplane behaviour of brick masonry walls part 1: Theoretical considerations. Earthquake Engineering and Structural Dynamics, 1984, 12, 313-326.	4.4	3
62	A linear mathematical model for the seismic inplane behaviour of brick masonry walls part 2: Determination of model parameters through optimization using experimental data. Earthquake Engineering and Structural Dynamics, 1984, 12, 327-346.	4.4	1