

Shieh-Kung Huang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

131
citations

1478505

6
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic control of structure with phase control active tuned mass damper. Structural Control and Health Monitoring, 2022, 29, .	4.0	3
2	Estimation of story drift directly from acceleration records for post-earthquake safety evaluations of buildings. Earthquake Engineering and Structural Dynamics, 2021, 50, 3064-3082.	4.4	4
3	Discussion of user-defined parameters for recursive subspace identification: Application to seismic response of building structures. Earthquake Engineering and Structural Dynamics, 2020, 49, 1738-1757.	4.4	3
4	Experimental investigation of an active mass damper with acceleration feedback sliding mode control. , 2020, , .		0
5	Densely distributed and real-time scour hole monitoring using piezoelectric rod sensors. Advances in Structural Engineering, 2019, 22, 3395-3411.	2.4	11
6	Combination of decentralized sliding mode control and online wavelet analysis for control of equipment with isolation system. Structural Control and Health Monitoring, 2019, 26, e2339.	4.0	7
7	Extracting ground motion characteristics of distant earthquakes for mitigating displacement-sensitive equipment. Journal of Low Frequency Noise Vibration and Active Control, 2018, 37, 859-880.	2.9	3
8	Control of equipment isolation system using wavelet-based decentralized sliding mode control. , 2018, , .		0
9	Stochastic subspace system identification using multivariate time-frequency distributions. , 2017, , .		1
10	Control of equipment isolation system using wavelet-based hybrid sliding mode control. , 2017, , .		1
11	An integrated earthquake early warning system and its performance at schools in Taiwan. Journal of Seismology, 2017, 21, 165-180.	1.3	7
12	Identification of ground motion features for high-tech facility under far field seismic waves using wavelet packet transform. , 2016, , .		1
13	Matrix factorization to time-frequency distribution for structural health monitoring. , 2016, , .		0
14	Vibration-based damage assessment of steel structure using global and local response measurements. Earthquake Engineering and Structural Dynamics, 2016, 45, 699-718.	4.4	13
15	Development of a portable electrical impedance tomography data acquisition system for near-real-time spatial sensing. , 2015, , .		1
16	Rapid on-site peak ground acceleration estimation based on support vector regression and P-wave features in Taiwan. Soil Dynamics and Earthquake Engineering, 2013, 49, 210-217.	3.8	30
17	Multi-subnet wireless sensing feedback for decentralized H_2 control with information overlapping. , 2011, , .		0
18	On-line structural damage localization and quantification using wireless sensors. Smart Materials and Structures, 2011, 20, 105025.	3.5	20

#	ARTICLE	IF	CITATIONS
19	A damage detection algorithm integrated with a wireless sensing system. Journal of Physics: Conference Series, 2011, 305, 012042.	0.4	5
20	Theoretical and experimental study of vibration suppression for stayed cable. , 2011, , .		0
21	Structural damage diagnosis based on on-line recursive stochastic subspace identification. Smart Materials and Structures, 2011, 20, 055004.	3.5	20
22	Numerical simulation and experimental verification of semi-active control of cable vibration using MR damper. Proceedings of SPIE, 2009, , .	0.8	1
23	Reference-based damage diagnosis of structure using embedded statistical model. , 2007, , .		0