

# Shieh-Kung Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3940163/publications.pdf>

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	Rapid on-site peak ground acceleration estimation based on support vector regression and P-wave features in Taiwan. <i>Soil Dynamics and Earthquake Engineering</i> , 2013, 49, 210-217.	3.8	30
2	On-line structural damage localization and quantification using wireless sensors. <i>Smart Materials and Structures</i> , 2011, 20, 105025.	3.5	20
3	Structural damage diagnosis based on on-line recursive stochastic subspace identification. <i>Smart Materials and Structures</i> , 2011, 20, 055004.	3.5	20
4	Vibration-based damage assessment of steel structure using global and local response measurements. <i>Earthquake Engineering and Structural Dynamics</i> , 2016, 45, 699-718.	4.4	13
5	Densely distributed and real-time scour hole monitoring using piezoelectric rod sensors. <i>Advances in Structural Engineering</i> , 2019, 22, 3395-3411.	2.4	11
6	An integrated earthquake early warning system and its performance at schools in Taiwan. <i>Journal of Seismology</i> , 2017, 21, 165-180.	1.3	7
7	Combination of decentralized sliding mode control and online wavelet analysis for control of equipment with isolation system. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2339.	4.0	7
8	A damage detection algorithm integrated with a wireless sensing system. <i>Journal of Physics: Conference Series</i> , 2011, 305, 012042.	0.4	5
9	Estimation of story drift directly from acceleration records for post-earthquake safety evaluations of buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 3064-3082.	4.4	4
10	Extracting ground motion characteristics of distant earthquakes for mitigating displacement-sensitive equipment. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2018, 37, 859-880.	2.9	3
11	Discussion of user-defined parameters for recursive subspace identification: Application to seismic response of building structures. <i>Earthquake Engineering and Structural Dynamics</i> , 2020, 49, 1738-1757.	4.4	3
12	Seismic control of structure with phase control active tuned mass damper. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	4.0	3
13	Numerical simulation and experimental verification of semi-active control of cable vibration using MR damper. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
14	Development of a portable electrical impedance tomography data acquisition system for near-real-time spatial sensing. , 2015, , .		1
15	Identification of ground motion features for high-tech facility under far field seismic waves using wavelet packet transform. , 2016, , .		1
16	Stochastic subspace system identification using multivariate time-frequency distributions. , 2017, , .		1
17	Control of equipment isolation system using wavelet-based hybrid sliding mode control. , 2017, , .		1
18	Reference-based damage diagnosis of structure using embedded statistical model. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	Multi-subnet wireless sensing feedback for decentralized $H_2$ control with information overlapping. , 2011, , .		0
20	Theoretical and experimental study of vibration suppression for stayed cable. , 2011, , .		0
21	Matrix factorization to time-frequency distribution for structural health monitoring. , 2016, , .		0
22	Control of equipment isolation system using wavelet-based decentralized sliding mode control. , 2018, , .		0
23	Experimental investigation of an active mass damper with acceleration feedback sliding mode control. , 2020, , .		0