

# Yanlin Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5823522/publications.pdf>

Version: 2024-02-01

12  
papers

340  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	SmartSync: An Integrated Real-Time Structural Health Monitoring and Structural Identification System for Tall Buildings. <i>Journal of Structural Engineering</i> , 2013, 139, 1675-1687.	3.4	81
2	Streamlined bridge inspection system utilizing unmanned aerial vehicles (UAVs) and machine learning. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 164, 108048.	5.0	64
3	System identification through nonstationary data using Time-Frequency Blind Source Separation. <i>Journal of Sound and Vibration</i> , 2016, 371, 110-131.	3.9	37
4	Generalized Wind Loading Chain: Time-Frequency Modeling Framework for Nonstationary Wind Effects on Structures. <i>Journal of Structural Engineering</i> , 2019, 145, .	3.4	35
5	Non-stationary frequency domain system identification using time-frequency representations. <i>Mechanical Systems and Signal Processing</i> , 2016, 72-73, 712-726.	8.0	33
6	Near-Real-Time Hybrid System Identification Framework for Civil Structures with Application to Burj Khalifa. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.4	29
7	A portable three-component displacement measurement technique using an unmanned aerial vehicle (UAV) and computer vision: A proof of concept. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 176, 109222.	5.0	24
8	System Identification through Nonstationary Response: Wavelet and Transformed Singular Value Decomposition-Based Approach. <i>Journal of Engineering Mechanics - ASCE</i> , 2015, 141, .	2.9	13
9	Assessing post-hazard damage costs to a community's residential buildings exposed to tropical cyclones. <i>Structure and Infrastructure Engineering</i> , 2021, 17, 443-453.	3.7	11
10	Automated site-specific assessment of steel structures through integrating machine learning and fracture mechanics. <i>Automation in Construction</i> , 2022, 133, 104022.	9.8	11
11	Tracking the 6-DOF Flight Trajectory of Windborne Debris Using Stereophotogrammetry. <i>Infrastructures</i> , 2019, 4, 66.	2.8	2
12	Interpolation of Discrete-Time Series. <i>Journal of Engineering Mechanics - ASCE</i> , 2020, 146, 06020002.	2.9	0