

# Zuo-Hua Li

## List of Publications by Year in descending order

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42  
papers

559  
citations

759055

12  
h-index

677027

22  
g-index

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42  
docs citations

42  
times ranked

527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Platelike Hierarchical $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ with Exposed {010} Planes for High-Rate and Long Cycling-Stable Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 26082-26090.	4.0	65
2	Experimental investigation of prefabricated beam-to-column steel joints for precast concrete structures under cyclic loading. Engineering Structures, 2020, 209, 110217.	2.6	51
3	Internal Stress Monitoring of In-Service Structural Steel Members with Ultrasonic Method. Materials, 2016, 9, 223.	1.3	36
4	Numerical optimization of an impressed current cathodic protection system for reinforced concrete structures. Construction and Building Materials, 2016, 119, 260-267.	3.2	34
5	Seismic performance of a novel prefabricated beam-to-column steel joint considering buckling behaviour of dampers. Engineering Structures, 2021, 229, 111591.	2.6	30
6	Absolute stress field measurement in structural steel members using the Lcr wave method. Measurement: Journal of the International Measurement Confederation, 2018, 122, 679-687.	2.5	28
7	Dynamics Modeling and Residual Vibration Control of a Piezoelectric Gripper During Wire Bonding. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 2045-2056.	1.4	26
8	Thermodynamic modeling of the essential physicochemical interactions between the pore solution and the cement hydrates in chloride-contaminated cement-based materials. Journal of Colloid and Interface Science, 2018, 531, 56-63.	5.0	26
9	Absolute stress measurement of structural steel members with ultrasonic shear-wave spectral analysis method. Structural Health Monitoring, 2019, 18, 216-231.	4.3	26
10	Pressure sensitivity of multiscale carbon-admixtures-enhanced cement-based composites. Nanomaterials and Nanotechnology, 2018, 8, 184798041879352.	1.2	23
11	Ultrasonic Detection Method for Grouted Defects in Grouted Splice Sleeve Connector Based on Wavelet Pack Energy. Sensors, 2019, 19, 1642.	2.1	19
12	Seismic performance evaluation of multi-story CBFs equipped with SMA-friction damping braces. Journal of Intelligent Material Systems and Structures, 2021, 32, 1725-1743.	1.4	15
13	A novel sulfur-impregnated porous carbon matrix as a cathode material for a lithium-sulfur battery. RSC Advances, 2016, 6, 64228-64233.	1.7	12
14	Comparison of the Lcr wave TOF and shear-wave spectrum methods for the uniaxial absolute stress evaluation of steel members. Structural Control and Health Monitoring, 2019, 26, e2348.	1.9	12
15	Segmentation and classification of knee joint ultrasonic image via deep learning. Applied Soft Computing Journal, 2020, 97, 106765.	4.1	12
16	Management system for engineering and decoration waste: An exploratory study in Shenzhen. Journal of Environmental Management, 2022, 314, 115085.	3.8	12
17	Influence Analysis of a Higher-Order CSI Effect on AMD Systems and Its Time-Varying Delay Compensation Using a Guaranteed Cost Control Algorithm. Applied Sciences (Switzerland), 2017, 7, 313.	1.3	11
18	Experimental Study of Damage Evolution in Circular Stirrup-Confined Concrete. Materials, 2016, 9, 278.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Design and experimental study of a buckling-restrained steel plate shear wall with novel buckling-restrained panels for improving bearing capacity and energy dissipation. <i>Engineering Structures</i> , 2021, 244, 112812.	2.6	10
20	Pluronic F127 as auxiliary template for preparing nitrogen and oxygen dual doped mesoporous carbon cathode of lithium-oxygen batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 113, 31-38.	1.9	9
21	A compensation controller based on a regional pole-assignment method for AMD control systems with a time-varying delay. <i>Journal of Sound and Vibration</i> , 2018, 419, 18-32.	2.1	8
22	Feature Extraction and Mapping Construction for Mobile Robot via Ultrasonic MDP and Fuzzy Model. <i>Sensors</i> , 2018, 18, 3673.	2.1	8
23	Impedance Modeling of Ultrasonic Transducers Used in Heavy Aluminum Wire Bonding. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 1107-1115.	1.4	8
24	Influence of Uniaxial Stress on the Shear-Wave Spectrum Propagating in Steel Members. <i>Sensors</i> , 2019, 19, 492.	2.1	8
25	A variable gain state-feedback technique for an AMD control system with stroke limit and its application to a high-rise building. <i>Structural Design of Tall and Special Buildings</i> , 2021, 30, .	0.9	8
26	Stress measurement for steel slender waveguides based on the nonlinear relation between guided wave group velocity and stress. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 179, 109465.	2.5	8
27	Fabrication of (Co,Mn)3O4/rGO Composite for Lithium Ion Battery Anode by a One-Step Hydrothermal Process with H2O2 as Additive. <i>PLoS ONE</i> , 2016, 11, e0164657.	1.1	6
28	A multi-time-delay compensation controller using a Takagi-Sugeno fuzzy neural network method for high-rise buildings with an active mass damper/driver system. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1631.	0.9	6
29	Resonance Monitoring of a Horizontal Wind Turbine by Strain-Based Automated Operational Modal Analysis. <i>Energies</i> , 2020, 13, 579.	1.6	6
30	Dynamics Model and Vibration Control of Piezoelectric Feeder in Semiconductor Manufacturing Assembly. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2018, 31, 97-107.	1.4	4
31	Cross-correlation-based algorithm for absolute stress evaluation in steel members using the longitudinal critically refracted wave. <i>International Journal of Distributed Sensor Networks</i> , 2018, 14, 155014771880331.	1.3	4
32	Estimation of the Lateral Dynamic Displacement of High-Rise Buildings under Wind Load Based on Fusion of a Remote Sensing Vibrometer and an Inclinometer. <i>Remote Sensing</i> , 2020, 12, 1120.	1.8	4
33	Combination of transverse and longitudinal ultrasonic waves for plane stress measurement of steel plates. <i>Applied Acoustics</i> , 2022, 188, 108500.	1.7	4
34	Three-dimensional stress measurement for structural steel plates using ultrasonic T-waves and P-waves. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 190, 110310.	2.5	3
35	An Observer-Based Controller with a LMI-Based Filter against Wind-Induced Motion for High-Rise Buildings. <i>Shock and Vibration</i> , 2017, 2017, 1-18.	0.3	2
36	A State Feedback Controller Based on GCC Algorithm against Wind-Induced Motion for High-Rise Buildings with Parametric Uncertainties. <i>Shock and Vibration</i> , 2019, 2019, 1-14.	0.3	2

#	ARTICLE	IF	CITATIONS
37	Seismic Performance and Failure Mechanism of Megabraced Frame-Core Tube Structures with Different Brace Patterns. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-23.	0.4	1
38	Development and experimental study of a novel steel brace with load-bearing adjustable capacity utilizing the buckling behavior of partial steel plates. <i>Engineering Structures</i> , 2022, 252, 113684.	2.6	1
39	Measurement of the stress of steel members using the ultrasonic phase spectrum. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	1
40	A Comparative Test Study on the Seismic Damage Sustained by Frame-Core Tube Structures. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-19.	0.4	0
41	An observer-based fault tolerance control system with a static filter and its application to high-rise buildings. <i>Engineering Reports</i> , 2020, 2, e12174.	0.9	0
42	A Compensation Strategy Using an H <sub>∞</sub> Control Law for a Multi-Time-Delay Control System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2860.	1.3	0