Licheng Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6293322/publications.pdf

Version: 2024-02-01

20 papers	1,028 citations	1040056 9 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1269 citing authors

#	Article	IF	Citations
1	Mechanical behaviors and probabilistic multiphase network model of polyvinyl alcohol hydrogel after being immersed in sodium hydroxide solution. RSC Advances, 2021, 11, 11468-11480.	3.6	6
2	Methodology to Design Variable-Thickness Streamlined Radomes With Graded Dielectric Multilayered Wall. IEEE Transactions on Antennas and Propagation, 2021, 69, 8015-8020.	5.1	5
3	Experimental Study of Hygrothermal and Ultraviolet Aging on the Flexural Performance of Epoxy Polymer Mortar. Acta Mechanica Solida Sinica, 2021, 34, 539-549.	1.9	2
4	An Experimental Study on the Dynamic Mechanical Properties of Epoxy Polymer Concrete under Ultraviolet Aging. Materials, 2021, 14, 2074.	2.9	2
5	Enhanced features in principal component analysis with spatial and temporal windows for damage identification. Inverse Problems in Science and Engineering, 2021, 29, 2877-2894.	1.2	6
6	Machine-learning-based damage identification methods with features derived from moving principal component analysis. Mechanics of Advanced Materials and Structures, 2020, 27, 1789-1802.	2.6	14
7	Residual Flexural Performance of Epoxy Polymer Concrete under Hygrothermal Conditions and Ultraviolet Aging. Materials, 2019, 12, 3472.	2.9	7
8	Principal Component Analysis Method with Space and Time Windows for Damage Detection. Sensors, 2019, 19, 2521.	3.8	13
9	Dynamic Mechanical Properties of Polyvinyl Alcohol Hydrogels Measured by Double-Striker Electromagnetic Driving SHPB System. International Journal of Applied Mechanics, 2019, 11, 1950018.	2.2	14
10	Modeling of Compressive Strength for Unidirectional Fiber Reinforced Composites with Nanoparticle Modified Epoxy Matrix. Materials, 2019, 12, 3897.	2.9	4
11	Heterogeneous parallel computing accelerated iterative subpixel digital image correlation. Science China Technological Sciences, 2018, 61, 74-85.	4.0	23
12	Enhanced flexural performance of epoxy polymer concrete with short natural fibers. Science China Technological Sciences, 2018, 61, 1107-1113.	4.0	11
13	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. Small, 2017, 13, 1701388.	10.0	163
14	Dual-band and thermo-mechanical design method for radome walls with graded porous structure. Journal of Electromagnetic Waves and Applications, 2016, 30, 1391-1406.	1.6	2
15	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. Advanced Functional Materials, 2016, 26, 303-310.	14.9	697
16	Dual-Band A-Sandwich Radome Design for Airborne Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 218-221.	4.0	26
17	Method for Design of Dual-Band Flat Radome Wall Structure. AIAA Journal, 2013, 51, 2819-2822.	2.6	6
18	Design for Broadband High-Temperature Radome Wall with Graded Porous Structure. AIAA Journal, 2012, 50, 1956-1963.	2.6	9

#	Article	IF	Citations
19	OPTIMAL DESIGN FOR HIGH-TEMPERATURE BROADBAND RADOME WALL WITH SYMMETRICAL GRADED POROUS STRUCTURE. Progress in Electromagnetics Research, 2012, 127, 1-14.	4.4	14
20	Uniaxial compression constitutive equations for saturated hydrogel combined water-expelled behavior with environmental factors and the size effect. Mechanics of Advanced Materials and Structures, 0, , 1-12.	2.6	4