

# Licheng Zhou

## List of Publications by Year in descending order

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20  
papers

1,028  
citations

1040056

9  
h-index

794594

19  
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20  
all docs

20  
docs citations

20  
times ranked

1269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2016, 26, 303-310.	14.9	697
2	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. <i>Small</i> , 2017, 13, 1701388.	10.0	163
3	Dual-Band A-Sandwich Radome Design for Airborne Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 218-221.	4.0	26
4	Heterogeneous parallel computing accelerated iterative subpixel digital image correlation. <i>Science China Technological Sciences</i> , 2018, 61, 74-85.	4.0	23
5	OPTIMAL DESIGN FOR HIGH-TEMPERATURE BROADBAND RADOME WALL WITH SYMMETRICAL GRADED POROUS STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2012, 127, 1-14.	4.4	14
6	Dynamic Mechanical Properties of Polyvinyl Alcohol Hydrogels Measured by Double-Striker Electromagnetic Driving SHPB System. <i>International Journal of Applied Mechanics</i> , 2019, 11, 1950018.	2.2	14
7	Machine-learning-based damage identification methods with features derived from moving principal component analysis. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 1789-1802.	2.6	14
8	Principal Component Analysis Method with Space and Time Windows for Damage Detection. <i>Sensors</i> , 2019, 19, 2521.	3.8	13
9	Enhanced flexural performance of epoxy polymer concrete with short natural fibers. <i>Science China Technological Sciences</i> , 2018, 61, 1107-1113.	4.0	11
10	Design for Broadband High-Temperature Radome Wall with Graded Porous Structure. <i>AIAA Journal</i> , 2012, 50, 1956-1963.	2.6	9
11	Residual Flexural Performance of Epoxy Polymer Concrete under Hygrothermal Conditions and Ultraviolet Aging. <i>Materials</i> , 2019, 12, 3472.	2.9	7
12	Method for Design of Dual-Band Flat Radome Wall Structure. <i>AIAA Journal</i> , 2013, 51, 2819-2822.	2.6	6
13	Mechanical behaviors and probabilistic multiphase network model of polyvinyl alcohol hydrogel after being immersed in sodium hydroxide solution. <i>RSC Advances</i> , 2021, 11, 11468-11480.	3.6	6
14	Enhanced features in principal component analysis with spatial and temporal windows for damage identification. <i>Inverse Problems in Science and Engineering</i> , 2021, 29, 2877-2894.	1.2	6
15	Methodology to Design Variable-Thickness Streamlined Radomes With Graded Dielectric Multilayered Wall. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 8015-8020.	5.1	5
16	Modeling of Compressive Strength for Unidirectional Fiber Reinforced Composites with Nanoparticle Modified Epoxy Matrix. <i>Materials</i> , 2019, 12, 3897.	2.9	4
17	Uniaxial compression constitutive equations for saturated hydrogel combined water-expelled behavior with environmental factors and the size effect. <i>Mechanics of Advanced Materials and Structures</i> , 0, , 1-12.	2.6	4
18	Dual-band and thermo-mechanical design method for radome walls with graded porous structure. <i>Journal of Electromagnetic Waves and Applications</i> , 2016, 30, 1391-1406.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Experimental Study of Hygrothermal and Ultraviolet Aging on the Flexural Performance of Epoxy Polymer Mortar. <i>Acta Mechanica Solida Sinica</i> , 2021, 34, 539-549.	1.9	2
20	An Experimental Study on the Dynamic Mechanical Properties of Epoxy Polymer Concrete under Ultraviolet Aging. <i>Materials</i> , 2021, 14, 2074.	2.9	2