

Yuanying Qiu

List of Publications by Year in descending order

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34
papers

415
citations

933447

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34
all docs

34
docs citations

34
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Power Load Forecasting Method Based on Improved Exponential Smoothing Grey Model. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-11.	1.1	59
2	Advanced Flexible Skin-Like Pressure and Strain Sensors for Human Health Monitoring. <i>Micromachines</i> , 2021, 12, 695.	2.9	53
3	Multiobjective Particle Swarm Optimization of Boresight Error and Transmission Loss for Airborne Radomes. <i>IEEE Transactions on Antennas and Propagation</i> , 2014, 62, 5880-5885.	5.1	46
4	Study on the Electromagnetic Performance of Inhomogeneous Radomes for Airborne Applications—Part II: the Overall Comparison With Variable Thickness Radomes. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 3175-3183.	5.1	28
5	Study on the Electromagnetic Performance of Inhomogeneous Radomes for Airborne Applications—Part I: Characteristics of Phase Distortion and Boresight Error. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 3162-3174.	5.1	28
6	A New Efficient Thickness Profile Design Method for Streamlined Airborne Radomes. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 6190-6195.	5.1	20
7	Robust Loop Closure Detection Integrating Visual—Spatial—Semantic Information via Topological Graphs and CNN Features. <i>Remote Sensing</i> , 2020, 12, 3890.	4.0	18
8	Effective mechanical properties of piezoelectric—piezomagnetic hybrid smart composites. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 1711-1723.	2.5	16
9	On the Cable Pseudo-Drag Problem of Cable-Driven Parallel Camera Robots at High Speeds. <i>Robotica</i> , 2019, 37, 1695-1709.	1.9	15
10	Strain rate influence on nonlinear response of polymer matrix composites. <i>Polymer Composites</i> , 2015, 36, 800-810.	4.6	14
11	An Approach to Evaluate Stability for Cable-based Parallel Camera Robots with Hybrid Tension-stiffness Properties. <i>International Journal of Advanced Robotic Systems</i> , 0, , 1.	2.1	12
12	A novel artificial neural network model for wide-band random fatigue life prediction. <i>International Journal of Fatigue</i> , 2022, 157, 106701.	5.7	10
13	Dynamic Analysis and Vibration Attenuation of Cable-Driven Parallel Manipulators for Large Workspace Applications. <i>Advances in Mechanical Engineering</i> , 2013, 5, 361585.	1.6	9
14	A new hybrid force-position measure approach on the stability for a camera robot. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2016, 230, 2508-2516.	2.1	8
15	Numerical investigations of microscopic characteristic influences on the mechanical properties of polymer—matrix composites. <i>Polymer Composites</i> , 2017, 38, 2734-2742.	4.6	8
16	The Interphase Influences on the Particle-Reinforced Composites with Periodic Particle Configuration. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 102.	2.5	8
17	Dynamic Modeling, Workspace Analysis and Multi-Objective Structural Optimization of the Large-Span High-Speed Cable-Driven Parallel Camera Robot. <i>Machines</i> , 2022, 10, 565.	2.2	8
18	Variable Thickness Airborne Radome Design Considering Thickness Profile Control and Additional Electromagnetic Performance. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 2443-2448.	5.1	7

#	ARTICLE	IF	CITATIONS
19	An Improved Robust Method for Pose Estimation of Cylindrical Parts with Interference Features. <i>Sensors</i> , 2019, 19, 2234.	3.8	6
20	An equivalent shape-preserving clipping method for the control spectrum to avoid over-testing of triaxial random vibration. <i>Journal of Sound and Vibration</i> , 2021, 501, 116060.	3.9	6
21	Thermal Analysis of Si/GaAs Bonding Wafers and Mitigation Strategies of the Bonding Stresses. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-8.	1.8	5
22	Efficient Variable Thickness Radome Design with Insertion Phase Delay Correction. <i>International Journal of Antennas and Propagation</i> , 2019, 2019, 1-12.	1.2	5
23	A three-stage criterion to reveal the bolt self-loosening mechanism under random vibration by strain detection. <i>Engineering Failure Analysis</i> , 2022, 133, 105954.	4.0	5
24	A simulating method of moisture continuous diffusion under changing temperatures and analysis of moisture-induced stresses covering moisture desorption and reflow processes for the QFN. <i>Microelectronics Reliability</i> , 2021, 119, 114089.	1.7	4
25	A Study of Failure Strength for Fiber-Reinforced Composite Laminates with Consideration of Interface. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-10.	1.8	3
26	Working temperature variation effect on the failure envelope of continuous fiber-reinforced composites. <i>Composite Interfaces</i> , 2015, 22, 531-542.	2.3	3
27	A novel thermal-mechanical model and the characteristics of interfacial stress in the laminated structure for flexible electronics. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 074004.	2.8	3
28	Effect of velocity coefficient on ultrasonic elliptical vibration cutting Inconel718 material. <i>Materials Express</i> , 2020, 10, 788-793.	0.5	2
29	An approach on stability analysis of cable-driven parallel robots considering cable mass. <i>AIP Advances</i> , 2021, 11, 055014.	1.3	2
30	Research on the relationship between time-dependent strains and delamination of plastic packaged devices at polymer/copper interface under thermal-hygro environments. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2022, 30, 065002.	2.0	2
31	Investigation of the effect of microstructural parameters on the initial yield surface of non-isothermal composites. <i>Science and Engineering of Composite Materials</i> , 2015, 22, 613-621.	1.4	1
32	Studying the nonlinear properties and strain-rate sensitivity of SiC short fiber-reinforced Al matrix composites. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 521-529.	1.4	1
33	On motion and pointing error of the large radio telescope AB-axis mechanism. <i>WIT Transactions on Engineering Sciences</i> , 2015, , .	0.0	0
34	A double-clip method to achieve the fatigue damage equivalence between uniaxial and triaxial random vibrations. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 2499-2515.	3.4	0