Yuanying Qiu

List of Publications by Year in descending order

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34	415	933447 10	794594 19
papers	citations	h-index	g-index

34	34	34	285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel thermal-mechanical model and the characteristics of interfacial stress in the laminated structure for flexible electronics. Journal Physics D: Applied Physics, 2022, 55, 074004.	2.8	3
2	A three-stage criterion to reveal the bolt self-loosening mechanism under random vibration by strain detection. Engineering Failure Analysis, 2022, 133, 105954.	4.0	5
3	A novel artificial neural network model for wide-band random fatigue life prediction. International Journal of Fatigue, 2022, 157, 106701.	5.7	10
4	A doubleâ€clipping method to achieve the fatigue damage equivalence between uniaxial and triaxial random vibrations. Fatigue and Fracture of Engineering Materials and Structures, 2022, 45, 2499-2515.	3.4	0
5	Research on the relationship between time-dependent strains and delamination of plastic packaged devices at polymer/copper interface under thermal-hygro environments. Modelling and Simulation in Materials Science and Engineering, 2022, 30, 065002.	2.0	2
6	Dynamic Modeling, Workspace Analysis and Multi-Objective Structural Optimization of the Large-Span High-Speed Cable-Driven Parallel Camera Robot. Machines, 2022, 10, 565.	2.2	8
7	Variable Thickness Airborne Radome Design Considering Thickness Profile Control and Additional Electromagnetic Performance. IEEE Transactions on Antennas and Propagation, 2021, 69, 2443-2448.	5.1	7
8	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. Microelectronics Reliability, 2021, 119, 114089.	1.7	4
9	An approach on stability analysis of cable-driven parallel robots considering cable mass. AIP Advances, 2021, 11, 055014.	1.3	2
10	An equivalent shape-preserving clipping method for the control spectrum to avoid over-testing of triaxial random vibration. Journal of Sound and Vibration, 2021, 501, 116060.	3.9	6
11	Advanced Flexible Skin-Like Pressure and Strain Sensors for Human Health Monitoring. Micromachines, 2021, 12, 695.	2.9	53
12	Robust Loop Closure Detection Integrating Visualâ€“Spatialâ€“Semantic Information via Topological Graphs and CNN Features. Remote Sensing, 2020, 12, 3890.	4.0	18
13	Effect of velocity coefficient on ultrasonic elliptical vibration cutting Inconel718 material. Materials Express, 2020, 10, 788-793.	0.5	2
14	An Improved Robust Method for Pose Estimation of Cylindrical Parts with Interference Features. Sensors, 2019, 19, 2234.	3.8	6
15	On the Cable Pseudo-Drag Problem of Cable-Driven Parallel Camera Robots at High Speeds. Robotica, 2019, 37, 1695-1709.	1.9	15
16	Efficient Variable Thickness Radome Design with Insertion Phase Delay Correction. International Journal of Antennas and Propagation, 2019, 2019, 1-12.	1.2	5
17	Short-Term Power Load Forecasting Method Based on Improved Exponential Smoothing Grey Model. Mathematical Problems in Engineering, 2018, 2018, 1-11.	1.1	59
18	Effective mechanical properties of piezoelectricâ€“piezomagnetic hybrid smart composites. Journal of Intelligent Material Systems and Structures, 2018, 29, 1711-1723.	2.5	16

#	Article	IF	Citations
19	Studying the nonlinear properties and strain-rate sensitivity of SiC short fiber-reinforced Al matrix composites. Science and Engineering of Composite Materials, 2017, 24, 521-529.	1.4	1
20	Numerical investigations of microscopic characteristic influences on the mechanical properties of polymerâ€matrix composites. Polymer Composites, 2017, 38, 2734-2742.	4.6	8
21	Study on the Electromagnetic Performance of Inhomogeneous Radomes for Airborne Applicationsâ€"Part II: the Overall Comparison With Variable Thickness Radomes. IEEE Transactions on Antennas and Propagation, 2017, 65, 3175-3183.	5.1	28
22	Study on the Electromagnetic Performance of Inhomogeneous Radomes for Airborne Applicationsâ€"Part I: Characteristics of Phase Distortion and Boresight Error. IEEE Transactions on Antennas and Propagation, 2017, 65, 3162-3174.	5.1	28
23	A New Efficient Thickness Profile Design Method for Streamlined Airborne Radomes. IEEE Transactions on Antennas and Propagation, 2017, 65, 6190-6195.	5.1	20
24	The Interphase Influences on the Particle-Reinforced Composites with Periodic Particle Configuration. Applied Sciences (Switzerland), 2017, 7, 102.	2.5	8
25	Thermal Analysis of Si/GaAs Bonding Wafers and Mitigation Strategies of the Bonding Stresses. Advances in Materials Science and Engineering, 2017, 2017, 1-8.	1.8	5
26	A new hybrid force-position measure approach on the stability for a camera robot. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 2508-2516.	2.1	8
27	Strain rate influence on nonlinear response of polymer matrix composites. Polymer Composites, 2015, 36, 800-810.	4.6	14
28	A Study of Failure Strength for Fiber-Reinforced Composite Laminates with Consideration of Interface. Advances in Materials Science and Engineering, 2015, 2015, 1-10.	1.8	3
29	Investigation of the effect of microstructural parameters on the initial yield surface of non-isothermal composites. Science and Engineering of Composite Materials, 2015, 22, 613-621.	1.4	1
30	Working temperature variation effect on the failure envelope of continuous fiber-reinforced composites. Composite Interfaces, 2015, 22, 531-542.	2.3	3
31	On motion and pointing error of the large radio telescope AB-axis mechanism. WIT Transactions on Engineering Sciences, 2015, , .	0.0	0
32	Multiobjective Particle Swarm Optimization of Boresight Error and Transmission Loss for Airborne Radomes. IEEE Transactions on Antennas and Propagation, 2014, 62, 5880-5885.	5.1	46
33	Dynamic Analysis and Vibration Attenuation of Cable-Driven Parallel Manipulators for Large Workspace Applications. Advances in Mechanical Engineering, 2013, 5, 361585.	1.6	9
34	An Approach to Evaluate Stability for Cable-based Parallel Camera Robots with Hybrid Tension-stiffness Properties. International Journal of Advanced Robotic Systems, 0, , 1.	2.1	12