

Dianzi Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

59
citations

4
h-index

7
g-index

12
ext. papers

90
ext. citations

2.5
avg, IF

2.37
L-index

#	Paper	IF	Citations
12	A New Inductive Debris Sensor Based on Dual-Excitation Coils and Dual-Sensing Coils for Online Debris Monitoring. <i>Sensors</i> , 2021 , 21,	3.8	7
11	Impact of PN junction inhomogeneity on the piezoelectric fields of acoustic waves in piezo-semiconductive fibers.. <i>Ultrasonics</i> , 2021 , 120, 106660	3.5	2
10	Tuning of subwavelength topological interface states in locally resonant metastructures with shunted piezoelectric patches. <i>Journal of Applied Physics</i> , 2021 , 129, 245112	2.5	2
9	A More Accurate Reconstruction Method for Detecting Large-Depth Defects in Plates Using SH Guided Waves. <i>Acta Mechanica Solida Sinica</i> , 2021 , 34, 174-183	2	0
8	A Rapid and Accurate Technique With Updating Strategy for Surface Defect Inspection of Pipelines. <i>IEEE Access</i> , 2021 , 9, 16041-16052	3.5	2
7	Adaptive Multi-Level Search for Global Optimization: An Integrated Swarm Intelligence-Metamodelling Technique. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2277	2.6	3
6	Design of a new type of omnidirectional shear-horizontal EMAT by the use of half-ring magnets and PCB technology. <i>Ultrasonics</i> , 2021 , 115, 106465	3.5	2
5	Tensile properties of ag-EVOH electrospinning nanofiber mats for large muscle scaffolds. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 1312-1321	1.8	4
4	Metaheuristic Approaches to Solve a Complex Aircraft Performance Optimization Problem. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2979	2.6	2
3	Temperature-controlled electrospinning of EVOH nanofibre mats encapsulated with Ag, CuO, and ZnO particles for skin wound dressing. <i>Materials Research Express</i> , 2019 , 6, 015007	1.7	4
2	Implementation of Discrete Capability into the Enhanced Multipoint Approximation Method for Solving Mixed Integer-Continuous Optimization Problems. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2016 , 17, 22-35	0.7	5
1	Weight and mechanical performance optimization of blended composite wing panels using lamination parameters. <i>Structural and Multidisciplinary Optimization</i> , 2015 , 52, 549-562	3.6	26