

Bing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

624
citations

840776

11
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-destructive testing and evaluation of composite materials/structures: A state-of-the-art review. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402091376.	1.6	231
2	Ultrafast synchrotron X-ray imaging studies of microstructure fragmentation in solidification under ultrasound. <i>Acta Materialia</i> , 2018, 144, 505-515.	7.9	112
3	Health Data Driven on Continuous Blood Pressure Prediction Based on Gradient Boosting Decision Tree Algorithm. <i>IEEE Access</i> , 2019, 7, 32423-32433.	4.2	54
4	A bistable morphing composite using viscoelastically generated prestress. <i>Materials Letters</i> , 2015, 158, 108-110.	2.6	36
5	Snap-through behaviour of a bistable structure based on viscoelastically generated prestress. <i>Composites Part B: Engineering</i> , 2017, 114, 23-33.	12.0	34
6	Folded orthotropic tape-springs. <i>Journal of the Mechanics and Physics of Solids</i> , 2019, 123, 138-148.	4.8	34
7	Folded strains of a bistable composite tape-spring. <i>International Journal of Solids and Structures</i> , 2021, 233, 111221.	2.7	17
8	Prior knowledge-based deep learning method for indoor object recognition and application. <i>Systems Science and Control Engineering</i> , 2018, 6, 249-257.	3.1	15
9	In-situ multiscale shear failure of a bistable composite tape-spring. <i>Composites Science and Technology</i> , 2020, 200, 108348.	7.8	13
10	Towards optimisation of load-time conditions for producing viscoelastically prestressed polymeric matrix composites. <i>Composites Part B: Engineering</i> , 2016, 87, 336-342.	12.0	12
11	Viscoelastically prestressed polymeric matrix composites: An investigation into fibre deformation and prestress mechanisms. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 111, 106-114.	7.6	11
12	On tailoring deployable mechanism of a bistable composite tape-spring structure. <i>Composites Communications</i> , 2022, 32, 101171.	6.3	11
13	Application of time-stress superposition to viscoelastic behavior of polyamide 6,6 fiber and its elastic modulus. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	10
14	Shape of a bistable composite tape-spring in folding. , 2019, , .		8
15	Breaking paths of rice stalks during threshing. <i>Biosystems Engineering</i> , 2021, 204, 346-357.	4.3	6
16	Data and videos for ultrafast synchrotron X-ray imaging studies of metal solidification under ultrasound. <i>Data in Brief</i> , 2018, 17, 837-841.	1.0	5
17	A hybrid system approach for supporting digital libraries. <i>International Journal on Digital Libraries</i> , 1999, 2, 91-110.	1.5	4
18	GN-DTD: Graphical Notations for Describing XML Documents. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
19	An evaluation of the scanning electron microscope mirror effect to study viscoelastically prestressed polymeric matrix composites. <i>Materials Today Communications</i> , 2017, 12, 79-87.	1.9	3
20	An Adaptive Ensemble Approach to Ambient Intelligence Assisted People Search. <i>Applied System Innovation</i> , 2018, 1, 33.	4.6	3
21	The design of a digital library. , 0, , .		1
22	Using section-semantic relation structures to enhance the performance of Web search. , 0, , .		1
23	In-situ neutron diffraction study of micromechanical shear failure in an aerospace composite. , 2020, , .		0