

Yumna Qureshi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

155
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Electro-thermal-mechanical performance of a sensor based on PAN carbon fibers and real-time detection of change under thermal and mechanical stimuli. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114806.	3.5	3
2	In-situ Strain Monitoring Performance of Flexible Nylon/Ag Conductive Fiber in Composites Subjected to Cyclic Tensile Loading. <i>Lecture Notes in Civil Engineering</i> , 2021, , 716-726.	0.4	0
3	Fabrication and electromechanical performance of carbon nanotube based conductive membrane and its application in real-time multimode strain detection in composites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 268, 115120.	3.5	4
4	Real-time strain monitoring and damage detection of composites in different directions of the applied load using a microscale flexible Nylon/Ag strain sensor. <i>Structural Health Monitoring</i> , 2020, 19, 885-901.	7.5	16
5	3D Printing to Support the Shortage in Personal Protective Equipment Caused by COVID-19 Pandemic. <i>Materials</i> , 2020, 13, 3339.	2.9	69
6	Multi-mode real-time strain monitoring in composites using low vacuum carbon fibers as a strain sensor under different loading conditions. <i>Smart Materials and Structures</i> , 2020, 29, 085035.	3.5	6
7	Effect of carbon nanotubes on the in-plane dynamic behavior of a carbon/epoxy composite under high strain rate compression using SHPB. <i>Smart Materials and Structures</i> , 2020, 29, 085012.	3.5	14
8	Graphene nanofillers as a player to improve the dynamic compressive response and failure behavior of carbon/epoxy composite. <i>Nanotechnology</i> , 2020, 31, 425709.	2.6	12
9	In-Situ Monitoring, Identification and Quantification of Strain Deformation in Composites Under Cyclic Flexural Loading Using Nylon/Ag Fiber Sensor. <i>IEEE Sensors Journal</i> , 2020, 20, 5492-5500.	4.7	6
10	Nylon/Ag fiber sensor for real-time damage monitoring of composites subjected to dynamic loading. <i>Smart Materials and Structures</i> , 2020, 29, 115045.	3.5	1
11	Real-time strain monitoring performance of flexible Nylon/Ag conductive fiber. <i>Sensors and Actuators A: Physical</i> , 2019, 295, 612-622.	4.1	17
12	Nanotechnology and Development of Strain Sensor for Damage Detection. , 2019, , .		7