Yumna Qureshi

List of Publications by Year
in descending order

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