Ayda Bouhamed

List of Publications by Year
in descending order

11	627	1039880 9	1372474 10
papers	citations	h-index	g-index

11	11	11	766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Collaborative Filler Network for Enhancing the Performance of BaTiO3/PDMS Flexible Piezoelectric Polymer Composite Nanogenerators. Sensors, 2022, 22, 4181.	2.1	7
2	Energy-Aware System Design for Autonomous Wireless Sensor Nodes: A Comprehensive Review. Sensors, 2021, 21, 548.	2.1	69
3	Review on Conductive Polymer/CNTs Nanocomposites Based Flexible and Stretchable Strain and Pressure Sensors. Sensors, 2021, 21, 341.	2.1	128
4	AC-DC Single Phase Rectifiers for Nanocomposite based Flexible Piezoelectric Energy Harvesters. , 2021, , .		1
5	A hybrid piezoelectric composite flexible film based on PVDF-HFP for boosting power generation. Composites Science and Technology, 2021, 208, 108769.	3.8	24
6	Customizing hydrothermal properties of inkjet printed sensitive films by functionalization of carbon nanotubes. Nanotechnology, 2021, 32, 105708.	1.3	9
7	Prospects of Wireless Energy-Aware Sensors for Smart Factories in the Industry 4.0 Era. Electronics (Switzerland), 2021, 10, 2929.	1.8	20
8	Processing and characterization of MWCNTs/epoxy nanocomposites thin films for strain sensing applications. Sensors and Actuators A: Physical, 2017, 257, 65-72.	2.0	47
9	Assessing the electrical behaviour of MWCNTs/epoxy nanocomposite for strain sensing. Composites Part B: Engineering, 2017, 128, 91-99.	5.9	52
10	Tuning the adhesion between polyimide substrate and MWCNTs/epoxy nanocomposite by surface treatment. Applied Surface Science, 2017, 422, 420-429.	3.1	21
11	Flexible Carbon Nanotube Films for High Performance Strain Sensors. Sensors, 2014, 14, 10042-10071.	2.1	249