

Andreia dos Santos

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.

10 papers	113 citations	6 h-index	10 g-index
10 ext. papers	172 ext. citations	7.2 avg, IF	2.62 L-index

#	Paper	IF	Citations
10	E-Skin Piezoresistive Pressure Sensor Combining Laser Engraving and Shrinking Polymeric Films for Health Monitoring Applications. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100877	4.6	0
9	Porous PDMS conformable coating for high power output carbon fibers/ZnO nanorod-based triboelectric energy harvesters. <i>Nano Energy</i> , 2021 , 90, 106582	17.1	2
8	Optimization of ZnO Nanorods Concentration in a Micro-Structured Polymeric Composite for Nanogenerators. <i>Chemosensors</i> , 2021 , 9, 27	4	4
7	Piezoelectricity Enhancement of Nanogenerators Based on PDMS and ZnSnO Nanowires through Microstructuration. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18421-18430	9.5	30
6	Transduction Mechanisms, Micro-Structuring Techniques, and Applications of Electronic Skin Pressure Sensors: A Review of Recent Advances. <i>Sensors</i> , 2020 , 20,	3.8	12
5	E-Skin Bimodal Sensors for Robotics and Prosthesis Using PDMS Molds Engraved by Laser. <i>Sensors</i> , 2019 , 19,	3.8	16
4	Human-motion interactive energy harvester based on polyaniline functionalized textile fibers following metal/polymer mechano-responsive charge transfer mechanism. <i>Nano Energy</i> , 2019 , 60, 794-801	17.1	9
3	Piezoresistive E-Skin Sensors Produced with Laser Engraved Molds. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800182	6.4	33
2	E-Skin Pressure Sensors Made by Laser Engraved PDMS Molds. <i>Proceedings (mdpi)</i> , 2018 , 2, 1039	0.3	6
1	Porous ZnO Nanostructures Synthesized by Microwave Hydrothermal Method for Energy Harvesting Applications		1