

Andrés Vázquez Quintero

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

785
citations

567281

15
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Woven Temperature and Humidity Sensors on Flexible Plastic Substrates for E-Textile Applications. IEEE Sensors Journal, 2013, 13, 3901-3909.	4.7	121
2	Poly(lactic acid) as a biodegradable material for all-solution-processed organic electronic devices. Organic Electronics, 2015, 17, 77-86.	2.6	100
3	Large-area compatible fabrication and encapsulation of inkjet-printed humidity sensors on flexible foils with integrated thermal compensation. Journal of Micromechanics and Microengineering, 2013, 23, 025012.	2.6	61
4	Smart RFID label with a printed multisensor platform for environmental monitoring. Flexible and Printed Electronics, 2016, 1, 025003.	2.7	51
5	Stretchable Electronic Platform for Soft and Smart Contact Lens Applications. Advanced Materials Technologies, 2017, 2, 1700073.	5.8	50
6	Why Going Towards Plastic and Flexible Sensors?. Procedia Engineering, 2011, 25, 8-15.	1.2	47
7	Design and Development of Sensing RFID Tags on Flexible Foil Compatible With EPC Gen 2. IEEE Sensors Journal, 2014, 14, 4361-4371.	4.7	44
8	Development of a New Generation of Ammonia Sensors on Printed Polymeric Hotplates. Analytical Chemistry, 2014, 86, 8951-8958.	6.5	41
9	Humidity and Temperature Sensors on Plastic Foil for Textile Integration. Procedia Engineering, 2011, 25, 136-139.	1.2	27
10	An Automatic Test Bench for Complete Characterization of Vibration-Energy Harvesters. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2966-2973.	4.7	27
11	Design optimization of vibration energy harvesters fabricated by lamination of thinned bulk-PZT on polymeric substrates. Smart Materials and Structures, 2014, 23, 045041.	3.5	24
12	Nonlinear piezoelectric vibration energy harvester with frequency-tuned impacting resonators for improving broadband performance at low frequencies. Smart Materials and Structures, 2019, 28, 025025.	3.5	24
13	Artificial iris performance for smart contact lens vision correction applications. Scientific Reports, 2020, 10, 14641.	3.3	22
14	A robust platform for textile integrated gas sensors. Sensors and Actuators B: Chemical, 2013, 177, 1053-1061.	7.8	21
15	Spatiotemporal electrochemical sensing in a smart contact lens. Sensors and Actuators B: Chemical, 2020, 303, 127203.	7.8	19
16	Near-Field Communication Powered Hydrogel-Based Smart Contact Lens. Advanced Materials Technologies, 2020, 5, 2000702.	5.8	17
17	Printing and encapsulation of electrical conductors on poly(lactic acid) (PLA) for sensing applications. , 2014, , .		15
18	Printed sensors on smart RFID labels for logistics. , 2012, , .		13

#	ARTICLE	IF	CITATIONS
19	Spatiotemporal electrochemistry on flexible microelectrode arrays: Progress towards smart contact lens integration. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126671.	7.8	12
20	Capacitive Strain Sensors Inkjet-printed on PET Fibers for Integration in Industrial Textile. <i>Procedia Engineering</i> , 2015, 120, 279-282.	1.2	11
21	Effect of low-temperature processing on dry film photoresist properties for flexible electronics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 668-679.	2.1	8
22	Foil-to-foil lamination and electrical interconnection of printed components on flexible substrates. <i>Microelectronic Engineering</i> , 2013, 110, 52-58.	2.4	7
23	Flip-chip integration of Si bare dies on polymeric substrates at low temperature using ICA vias made in dry film photoresist. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 045013.	2.6	7
24	An Artificial Iris ASIC With High Voltage Liquid Crystal Driver, 10-nA Light Range Detector and 40-nA Blink Detector for LCD Flicker Removal. <i>IEEE Solid-State Circuits Letters</i> , 2020, 3, 506-509.	2.0	7
25	Frequency up-converting Vibration Energy Harvester with Multiple Impacting Beams for Enhanced Wideband Operation at Low Frequencies. <i>Procedia Engineering</i> , 2014, 87, 1517-1520.	1.2	5
26	An active artificial iris controlled by a 25-1¼W flexible thin-film driver. , 2016, , .		4
27	Capillary self-alignment dynamics for R2R manufacturing of mesoscopic system-in-foil devices. , 2012, , .		0