

Yang Wei

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

675
citations

623734

14
h-index

610901

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34
all docs

34
docs citations

34
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	A capaciflector provides continuous and accurate respiratory rate monitoring for patients at rest and during exercise. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1535-1546.	1.6	5
2	On comparison of recycled LDPE and LDPE/bakelite composite based 3D printed patch antenna. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2022, 236, 842-856.	1.1	14
3	A review of connectors and joining technologies for electronic textiles. <i>Engineering Reports</i> , 2022, 4, .	1.7	21
4	Development of a textile based protein sensor for monitoring the healing progress of a wound. <i>Scientific Reports</i> , 2022, 12, 7972.	3.3	5
5	Meso scale component manufacturing: a comparative analysis of non-lithography and lithography-based processes. <i>Journal of Micromechanics and Microengineering</i> , 2022, 32, 063002.	2.6	2
6	Novel Interposer for Modular Electronic Textiles: Enabling Detachable Connections Between Flexible Electronics and Conductive Textiles. , 2022, 6, 1-4.		6
7	Non-Invasive Fetal Electrocardiogram Monitoring Techniques: Potential and Future Research Opportunities in Smart Textiles. <i>Signals</i> , 2021, 2, 392-412.	1.9	5
8	Empirical Model for Identifying Protein Concentrations in Wound Using Cyclic Voltammetry. , 2021, 5, 1-4.		2
9	Electronic textiles based wearable electrotherapy for pain relief. <i>Sensors and Actuators A: Physical</i> , 2020, 303, 111701.	4.1	28
10	Integration and Testing of a Three-Axis Accelerometer in a Woven E-Textile Sleeve for Wearable Movement Monitoring. <i>Sensors</i> , 2020, 20, 5033.	3.8	15
11	Multichannel Biphasic Muscle Stimulation System for Post Stroke Rehabilitation. <i>Electronics (Switzerland)</i> , 2020, 9, 1156.	3.1	6
12	Reliable UHF Long-Range Textile-Integrated RFID Tag Based on a Compact Flexible Antenna Filament. <i>Sensors</i> , 2020, 20, 3435.	3.8	38
13	A Non-invasive Subtle Pulse Rate Extraction Method Based on Eulerian Video Magnification. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 461-471.	0.6	0
14	Dispenser-printed sound-emitting fabrics for applications in the creative fashion and smart architecture industry. <i>Journal of the Textile Institute</i> , 2019, 110, 1-9.	1.9	22
15	Enabling platform technology for smart fabric design and printing. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501984590.	1.0	4
16	Integrating Flexible Filament Circuits for E-Textile Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1900176.	5.8	74
17	Flexible 2.4 GHz Node for Body Area Networks With a Compact High-Gain Planar Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 49-53.	4.0	33
18	Wearable Electrical Stimulation to Improve Lymphatic Function. , 2019, 3, 1-4.		11

#	ARTICLE	IF	CITATIONS
19	Development of User-Friendly Wearable Electronic Textiles for Healthcare Applications. <i>Sensors</i> , 2018, 18, 2410.	3.8	49
20	A real-time wearable emotion detection headband based on EEG measurement. <i>Sensors and Actuators A: Physical</i> , 2017, 263, 614-621.	4.1	42
21	Dispenser printing of electrochromic display on textiles for creative applications. <i>Electronics Letters</i> , 2017, 53, 779-781.	1.0	16
22	A Planar Respiration Sensor Based on a Capaciflector Structure. , 2017, 1, 1-4.		7
23	Wearable and autonomous computing for future smart cities: Open challenges. , 2017, , .		19
24	Dispenser printed capacitive proximity sensor on fabric for applications in the creative industries. <i>Sensors and Actuators A: Physical</i> , 2016, 247, 239-246.	4.1	33
25	Laser curing of screen and inkjet printed conductors on flexible substrates. , 2015, , .		2
26	Wearable EEG headband using printed electrodes and powered by energy harvesting for emotion monitoring in ambient assisted living. <i>Smart Materials and Structures</i> , 2015, 24, 125028.	3.5	27
27	Dispenser printed proximity sensor on fabric for creative smart fabric applications. , 2015, , .		2
28	A novel fabrication process to realize a valveless micropump on a flexible substrate. <i>Smart Materials and Structures</i> , 2014, 23, 025034.	3.5	17
29	A screen printable sacrificial fabrication process to realise a cantilever on fabric using a piezoelectric layer to detect motion for wearable applications. <i>Sensors and Actuators A: Physical</i> , 2013, 203, 241-248.	4.1	19
30	Waterproof and durable screen printed silver conductive tracks on textiles. <i>Textile Research Journal</i> , 2013, 83, 2023-2031.	2.2	99
31	Screen printing of a capacitive cantilever-based motion sensor on fabric using a novel sacrificial layer process for smart fabric applications. <i>Measurement Science and Technology</i> , 2013, 24, 075104.	2.6	35
32	A novel fabrication process to realise a valveless micropump on a flexible substrate. , 2013, , .		1
33	Screen Printed Capacitive Free-standing Cantilever Beams used as a Motion Detector for Wearable Sensors. <i>Procedia Engineering</i> , 2012, 47, 165-169.	1.2	11
34	A novel fabrication process to realise piezoelectric cantilever structures for smart fabric sensor applications. , 2012, , .		5