

Xiaowen Xu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

655
citations

759233

12
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous variable quantum teleportation through turbulent channels. <i>Physica Scripta</i> , 2022, 97, 045103.	2.5	5
2	Printable and Wearable Graphene-Based Strain Sensor With High Sensitivity for Human Motion Monitoring. <i>IEEE Sensors Journal</i> , 2022, 22, 13937-13944.	4.7	7
3	Machine Learning Assisted Prediction for Free-Space Continuous Variable Quantum Teleportation. <i>IEEE Photonics Journal</i> , 2022, 14, 1-7.	2.0	0
4	6.2: <i>Invited Paper:</i> Wearable and Printable Sensors for Human Healthcare Monitoring. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 39-39.	0.3	0
5	Wearable CNT/Ti ₃ C ₂ T _x MXene/PDMS composite strain sensor with enhanced stability for real-time human healthcare monitoring. <i>Nano Research</i> , 2021, 14, 2875-2883.	10.4	114
6	Resistance change of stretchable composites based on inkjet-printed silver nanowires. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 05LT02.	2.8	19
7	Metallic MoO ₂ -Modified Graphitic Carbon Nitride Boosting Photocatalytic CO ₂ Reduction via Schottky Junction. <i>Solar Rrl</i> , 2020, 4, 1900416.	5.8	59
8	Graphitic carbon nitride based single-atom photocatalysts. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	72
9	Washable and flexible screen printed graphene electrode on textiles for wearable healthcare monitoring. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 125402.	2.8	58
10	Highly stretchable polymer/silver nanowires composite sensor for human health monitoring. <i>Nano Research</i> , 2020, 13, 919-926.	10.4	74
11	Screen printed silver nanowire and graphene oxide hybrid transparent electrodes for long-term electrocardiography monitoring. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 455401.	2.8	59
12	Adaptive Motion Artifact Reduction Based on Empirical Wavelet Transform and Wavelet Thresholding for the Non-Contact ECG Monitoring Systems. <i>Sensors</i> , 2019, 19, 2916.	3.8	47
13	3D Printed Polyvinyl Alcohol Tablets with Multiple Release Profiles. <i>Scientific Reports</i> , 2019, 9, 12487.	3.3	38
14	Screen printed graphene electrodes on textile for wearable electrocardiogram monitoring. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	52
15	Hot compression deformation behavior of biomedical Ni-Ti alloy. <i>Rare Metals</i> , 2019, 38, 609-619.	7.1	13
16	Carbon electrode with conductivity improvement using silver nanowires for high-performance supercapacitor. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	24
17	A New Model of a 3D-Printed Shell with Convex Drug Release Profile. <i>Dissolution Technologies</i> , 2018, 25, 24-28.	0.6	13