

# Xiaowen Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3913293/publications.pdf>

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17  
papers

655  
citations

759233

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19  
docs citations

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times ranked

855  
citing authors

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