

Pei He

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,204
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Step Electrochemical Intercalation and Oxidation of Graphite for the Mass Production of Graphene Oxide. <i>Journal of the American Chemical Society</i> , 2017, 139, 17446-17456.	13.7	211
2	Screen-Printing of a Highly Conductive Graphene Ink for Flexible Printed Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32225-32234.	8.0	174
3	Wearable CNT/Ti3C2Tx 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
4	Controlling Coffee Ring Formation during Drying of Inkjet Printed 2D Inks. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700944.	3.7	78
5	Highly stretchable polymer/silver nanowires composite sensor for human health monitoring. <i>Nano Research</i> , 2020, 13, 919-926.	10.4	74
6	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
7	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
8	Artificial Vision Adaption Mimicked by an Optoelectrical In ₂ O ₃ Transistor Array. <i>Nano Letters</i> , 2022, 22, 3372-3379.	9.1	56
9	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
10	All-inorganic perovskite CsPbBr ₃ microstructures growth <i>via</i> chemical vapor deposition for high-performance photodetectors. <i>Nanoscale</i> , 2019, 11, 21386-21393.	5.6	51
11	Inkjet printing ultra-large graphene oxide flakes. <i>2D Materials</i> , 2017, 4, 021021.	4.4	49
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	Supercapacitor Electrodes from the in Situ Reaction between Two-Dimensional Sheets of Black Phosphorus and Graphene Oxide. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10330-10338.	8.0	44
14	A Universal Electrolyte Formulation for the Electrodeposition of Pristine Carbon and Polypyrrole Composites for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13386-13399.	8.0	35
15	Printable ion-gel-gated In ₂ O ₃ synaptic transistor array for neuro-inspired memory. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	24
16	Water-based highly conductive graphene inks for fully printed humidity sensors. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 455304.	2.8	20
17	High-performance and flexible CsPbBr ₃ UV-vis photodetectors fabricated <i>via</i> chemical vapor deposition. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 354002.	2.8	11
18	Recent advances in printed liquid metals for wearable healthcare sensors: a review. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 283002.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Progress on growth of metal halide perovskites by vapor-phase synthesis and their applications. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 073001.	2.8	10
20	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
21	The effect of air exposure on device performance of flexible C8-BTBT organic thin-film transistors with hygroscopic insulators. <i>Science China Materials</i> , 2020, 63, 2551-2559.	6.3	6
22	Electronic devices based on solution-processed two-dimensional materials. , 2020, , 351-384.		6
23	Bionic Scarfskin-Inspired Hierarchy Configuration toward Tunable Microwave-Absorbing Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, , .	8.0	4
24	High-Power Energy Storage from Carbon Electrodes Using Highly Acidic Electrolytes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20701-20711.	3.1	3
25	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