

Shipeng Zhang

List of Publications by Year in descending order

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12
papers

602
citations

1040056

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1372567

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516
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-Bond-Triggered Hybrid Nanofibrous Membrane-Based Wearable Pressure Sensor with Ultrahigh Sensitivity over a Broad Pressure Range. <i>ACS Nano</i> , 2021, 15, 4380-4393.	14.6	155
2	A wearable microfluidics-integrated impedimetric immunosensor based on Ti ₃ C ₂ MXene incorporated laser-burned graphene for noninvasive sweat cortisol detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129206.	7.8	86
3	Smart bandage with integrated multifunctional sensors based on MXene-functionalized porous graphene scaffold for chronic wound care management. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112637.	10.1	85
4	High-Performance Flexible Electrochemical Heavy Metal Sensor Based on Layer-by-Layer Assembly of Ti ₃ C ₂ T _x /MWNTs Nanocomposites for Noninvasive Detection of Copper and Zinc Ions in Human Biofluids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48928-48937.	8.0	70
5	On-skin ultrathin and stretchable multifunctional sensor for smart healthcare wearables. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	68
6	A wearable battery-free wireless and skin-interfaced microfluidics integrated electrochemical sensing patch for on-site biomarkers monitoring in human perspiration. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112844.	10.1	66
7	A highly selective and stable cationic polyelectrolyte encapsulated black phosphorene based impedimetric immunosensor for Interleukin-6 biomarker detection. <i>Biosensors and Bioelectronics</i> , 2021, 186, 113287.	10.1	29
8	Polyaziridine-Encapsulated Phosphorene-Incorporated Flexible 3D Porous Graphene for Multimodal Sensing and Energy Storage Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2009018.	14.9	25
9	Phase-Rich Laser-Induced Hierarchically Interactive MXene Reinforced Carbon Nanofibers for Multifunctional Breathable Bioelectronics. <i>Advanced Functional Materials</i> , 2022, 32, 2107969.	14.9	16
10	A 1.8/2.6 GHz high efficiency dual-band harmonic controlled, 50W GAN power amplifier with wide bandwidth characteristics. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 2496-2500.	1.4	1
11	A Highly Stable and Flexible Ca ²⁺ Ion-Selective Sensor Based on Treated PEDOT:PSS Transducing Layer. <i>IEEE Sensors Journal</i> , 2022, 22, 11213-11221.	4.7	1
12	Phase-Rich Laser-Induced Hierarchically Interactive MXene Reinforced Carbon Nanofibers for Multifunctional Breathable Bioelectronics (<i>Adv. Funct. Mater.</i> 5/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	0