

Peng Pan

List of Publications by Year in descending order

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papers

552
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686830

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663
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#	ARTICLE	IF	CITATIONS
1	Facile and scalable fabrication of MnO ₂ nanocrystallines and enhanced electrochemical performance of MnO ₂ /MoS ₂ inner heterojunction structure for supercapacitor application. <i>Journal of Power Sources</i> , 2020, 450, 227616.	4.0	81
2	Simultaneous Hydrogen Production and Electrochemical Oxidation of Organics Using Boron-Doped Diamond Electrodes. <i>Environmental Science & Technology</i> , 2008, 42, 3059-3063.	4.6	50
3	Electrochemical performance of a three-layer electrode based on Bi nanoparticles, multi-walled carbon nanotube composites for simultaneous Hg(II) and Cu(II) detection. <i>Chinese Chemical Letters</i> , 2020, 31, 2752-2756.	4.8	35
4	An electrochemical sensor based on plasma-treated zinc oxide nanoflowers for the simultaneous detection of dopamine and diclofenac sodium. <i>Microchemical Journal</i> , 2020, 158, 105237.	2.3	34
5	Ordered self-assembly of screen-printed flower-like CuO and CuO/MWCNTs modified graphite electrodes and applications in non-enzymatic glucose sensor. <i>Journal of Electroanalytical Chemistry</i> , 2016, 763, 37-44.	1.9	33
6	3D-copper oxide and copper oxide/few-layer graphene with screen printed nanosheet assembly for ultrasensitive non-enzymatic glucose sensing. <i>Materials Chemistry and Physics</i> , 2017, 187, 28-38.	2.0	32
7	Printed flexible bifunctional electrochemical urea-pH sensor based on multiwalled carbon nanotube/polyaniline electronic ink. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1751-1759.	1.1	32
8	Adsorption and Electrochemical Detection of Bovine Serum Albumin Imprinted Calcium Alginate Hydrogel Membrane. <i>Polymers</i> , 2019, 11, 622.	2.0	30
9	Sensitive and wearable carbon nanotubes/carbon black strain sensors with wide linear ranges for human motion monitoring. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5589-5596.	1.1	29
10	<i>In situ</i> detection of heavy metal ions in sewage with screen-printed electrode-based portable electrochemical sensors. <i>Analyst</i> , 2021, 146, 5610-5618.	1.7	17
11	All-Printed Flexible Electrochemical Sensor Based on Polyaniline Electronic Ink for Copper (II), Lead (II) and Mercury (II) Ion Determination. <i>Journal of Electronic Materials</i> , 2020, 49, 6695-6705.	1.0	16
12	Flexible micro-supercapacitors fabricated from MnO ₂ nanosheet/graphene composites with black phosphorus additive. <i>Progress in Natural Science: Materials International</i> , 2022, 32, 10-19.	1.8	16
13	Enhanced optical limiting of dispersible MWCNTs/TiO ₂ nanocomposite. <i>Optics and Laser Technology</i> , 2015, 67, 44-49.	2.2	15
14	Rapid synthesis of cypress-like CuO nanomaterials and CuO/MWCNTs composites for ultra-high sensitivity electrochemical sensing of nitrite. <i>Microchemical Journal</i> , 2020, 159, 105439.	2.3	15
15	Degradable and highly sensitive CB-based pressure sensor with applications for speech recognition and human motion monitoring. <i>Journal of Materials Science</i> , 2020, 55, 10084-10094.	1.7	14
16	Electrochemiluminescence Detection of Sunset Yellow by Graphene Quantum Dots. <i>Frontiers in Chemistry</i> , 2020, 8, 505.	1.8	13
17	A low-profile dual-band omnidirectional Alford antenna for wearable WBAN applications. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 2040-2046.	0.9	11
18	Research on PDMS TENG of laser etch 3D structure. <i>Journal of Materials Science</i> , 2022, 57, 6723-6733.	1.7	11

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19	3D Printing of a Flexible Inclined Tip Cone Array-Based Pressure Sensor. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	11
20	Facile synthesis of Sb-Sb ₂ O ₅ @P@C composite and study for the supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2406-2415.	1.1	10
21	Fabrication of reduced graphene oxide/manganese oxide ink for 3D-printing technology on the application of high-performance supercapacitors. <i>Journal of Materials Science</i> , 2021, 56, 8102-8114.	1.7	10
22	Electrochemical determination of levofloxacin with a Cu-metal-organic framework derivative electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 9941-9950.	1.1	9
23	One-step rapid preparation of CuO nanosheets by high frequency induction heating and the application as excellent electrochemical sensor based on CuO/MWCNTs for the detection of glucose. <i>Materials Research Express</i> , 2019, 6, 1050b3.	0.8	8
24	Facile large-scaled fabrication of graphene-like materials by ultrasonic assisted shear exfoliation method for enhanced performance on flexible supercapacitor applications. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1131-1139.	1.6	6
25	Research on advanced methods of electrochemiluminescence detection combined with optical imaging analysis for the detection of sulfonamides. <i>Analyst, The</i> , 2021, 146, 7611-7617.	1.7	6
26	One-pot hydrothermal synthesis of fluorescent carbon quantum dots with tunable emission color for application in electroluminescence detection of dopamine. <i>Biosensors and Bioelectronics: X</i> , 2022, 10, 100141.	0.9	3
27	One-pot synthesis of graphite/MnO ₂ hybrids and electrochemical supercapacitor performance on different substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13681-13686.	1.1	2
28	Preparation and adaptive optimization of disposable all-printed urea sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 14213-14220.	1.1	1