

Peng Pan

List of Publications by Year in descending order

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28
papers

552
citations

687363

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29
docs citations

29
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible micro-supercapacitors fabricated from MnO ₂ nanosheet/graphene composites with black phosphorus additive. Progress in Natural Science: Materials International, 2022, 32, 10-19.	4.4	16
2	Research on PDMS TENG of laser etch 3D structure. Journal of Materials Science, 2022, 57, 6723-6733.	3.7	11
3	Electrochemical determination of levofloxacin with a Cu ²⁺ “metal-organic framework derivative electrode. Journal of Materials Science: Materials in Electronics, 2022, 33, 9941-9950.	2.2	9
4	One-pot hydrothermal synthesis of fluorescent carbon quantum dots with tunable emission color for application in electroluminescence detection of dopamine. Biosensors and Bioelectronics: X, 2022, 10, 100141.	1.7	3
5	3D Printing of a Flexible Inclined-Tip Cone Array-Based Pressure Sensor. Advanced Materials Technologies, 2022, 7, .	5.8	11
6	<i>In situ</i> detection of heavy metal ions in sewage with screen-printed electrode-based portable electrochemical sensors. Analyst, The, 2021, 146, 5610-5618.	3.5	17
7	Fabrication of reduced graphene oxide/manganese oxide ink for 3D-printing technology on the application of high-performance supercapacitors. Journal of Materials Science, 2021, 56, 8102-8114.	3.7	10
8	Research on advanced methods of electrochemiluminescence detection combined with optical imaging analysis for the detection of sulfonamides. Analyst, The, 2021, 146, 7611-7617.	3.5	6
9	Facile large-scaled fabrication of graphene-like materials by ultrasonic assisted shear exfoliation method for enhanced performance on flexible supercapacitor applications. Applied Nanoscience (Switzerland), 2020, 10, 1131-1139.	3.1	6
10	Facile and scalable fabrication of MnO ₂ nanocrystallines and enhanced electrochemical performance of MnO ₂ /MoS ₂ inner heterojunction structure for supercapacitor application. Journal of Power Sources, 2020, 450, 227616.	7.8	81
11	Electrochemical performance of a three-layer electrode based on Bi nanoparticles, multi-walled carbon nanotube composites for simultaneous Hg(II) and Cu(II) detection. Chinese Chemical Letters, 2020, 31, 2752-2756.	9.0	35
12	Preparation and adaptive optimization of disposable all-printed urea sensor. Journal of Materials Science: Materials in Electronics, 2020, 31, 14213-14220.	2.2	1
13	Rapid synthesis of cypress-like CuO nanomaterials and CuO/MWCNTs composites for ultra-high sensitivity electrochemical sensing of nitrite. Microchemical Journal, 2020, 159, 105439.	4.5	15
14	All-Printed Flexible Electrochemical Sensor Based on Polyaniline Electronic Ink for Copper (II), Lead (II) and Mercury (II) Ion Determination. Journal of Electronic Materials, 2020, 49, 6695-6705.	2.2	16
15	Degradable and highly sensitive CB-based pressure sensor with applications for speech recognition and human motion monitoring. Journal of Materials Science, 2020, 55, 10084-10094.	3.7	14
16	Electrochemiluminescence Detection of Sunset Yellow by Graphene Quantum Dots. Frontiers in Chemistry, 2020, 8, 505.	3.6	13
17	An electrochemical sensor based on plasma-treated zinc oxide nanoflowers for the simultaneous detection of dopamine and diclofenac sodium. Microchemical Journal, 2020, 158, 105237.	4.5	34
18	A low-profile dual-band omnidirectional Alford antenna for wearable WBAN applications. Microwave and Optical Technology Letters, 2020, 62, 2040-2046.	1.4	11

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19	Facile synthesis of Sb-Sb ₂ O ₅ @P@C composite and study for the supercapacitor application. Journal of Materials Science: Materials in Electronics, 2020, 31, 2406-2415.	2.2	10
20	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. Materials Research Express, 2019, 6, 1050b3.	1.6	8
21	Adsorption and Electrochemical Detection of Bovine Serum Albumin Imprinted Calcium Alginate Hydrogel Membrane. Polymers, 2019, 11, 622.	4.5	30
22	Printed flexible bifunctional electrochemical urea-pH sensor based on multiwalled carbon nanotube/polyaniline electronic ink. Journal of Materials Science: Materials in Electronics, 2019, 30, 1751-1759.	2.2	32
23	Sensitive and wearable carbon nanotubes/carbon black strain sensors with wide linear ranges for human motion monitoring. Journal of Materials Science: Materials in Electronics, 2018, 29, 5589-5596.	2.2	29
24	One-pot synthesis of graphite/MnO ₂ hybrids and electrochemical supercapacitor performance on different substrates. Journal of Materials Science: Materials in Electronics, 2018, 29, 13681-13686.	2.2	2
25	3D-copper oxide and copper oxide/few-layer graphene with screen printed nanosheet assembly for ultrasensitive non-enzymatic glucose sensing. Materials Chemistry and Physics, 2017, 187, 28-38.	4.0	32
26	Ordered self-assembly of screen-printed flower-like CuO and CuO/MWCNTs modified graphite electrodes and applications in non-enzymatic glucose sensor. Journal of Electroanalytical Chemistry, 2016, 763, 37-44.	3.8	33
27	Enhanced optical limiting of dispersible MWCNTs/TiO ₂ nanocomposite. Optics and Laser Technology, 2015, 67, 44-49.	4.6	15
28	Simultaneous Hydrogen Production and Electrochemical Oxidation of Organics Using Boron-Doped Diamond Electrodes. Environmental Science & Technology, 2008, 42, 3059-3063.	10.0	50