

Wei Gong

List of Publications by Year in descending order

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18
papers

306
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933447

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583
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#	ARTICLE	IF	CITATIONS
1	Nitrogen-doped porous carbon monoliths from polyacrylonitrile (PAN) and carbon nanotubes as electrodes for supercapacitors. <i>Scientific Reports</i> , 2017, 7, 40259.	3.3	59
2	Carbon nanotubes and manganese oxide hybrid nanostructures as high performance fiber supercapacitors. <i>Communications Chemistry</i> , 2018, 1, .	4.5	32
3	Thicker carbon-nanotube/manganese-oxide hybridized nanostructures as electrodes for the creation of fiber-shaped high-energy-density supercapacitors. <i>Carbon</i> , 2019, 154, 169-177.	10.3	32
4	Substrate-independent and large-area synthesis of carbon nanotube thin films using ZnO nanorods as template and dopamine as carbon precursor. <i>Carbon</i> , 2015, 83, 275-281.	10.3	29
5	Electrochemically reduced water exerts superior reactive oxygen species scavenging activity in HT1080 cells than the equivalent level of hydrogen-dissolved water. <i>PLoS ONE</i> , 2017, 12, e0171192.	2.5	25
6	Al and Ni co-doped ZnO films with room temperature ferromagnetism, low resistivity and high transparency. <i>Materials Chemistry and Physics</i> , 2011, 126, 797-803.	4.0	22
7	A 2D/2D graphitic carbon nitride/N-doped graphene hybrid as an effective polysulfide mediator in lithium-sulfur batteries. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1807-1815.	5.9	19
8	Microwave plasma-induced growth of vertical graphene from fullerene soot. <i>Carbon</i> , 2021, 172, 26-30.	10.3	18
9	Facile synthesis of graphene sheets intercalated by carbon spheres for high-performance supercapacitor electrodes. <i>Carbon</i> , 2020, 167, 11-18.	10.3	18
10	Improved supercapacitors by implanting ultra-long single-walled carbon nanotubes into manganese oxide domains. <i>Journal of Power Sources</i> , 2020, 479, 228795.	7.8	16
11	Preparation of catalytic films of the Au nanoparticle-carbon composite tubular arrays. <i>Chemical Communications</i> , 2015, 51, 6333-6336.	4.1	8
12	Electrochemistry of rechargeable aqueous zinc/zinc-sulphate/manganese-oxide batteries and methods for preparation of high-performance cathodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15415-15426.	10.3	6
13	Single-walled carbon nanotube ensembles modified gold ultramicroelectrodes prepared by self-assembly deposition method with 1-(1-pyrenyl)-1-methanethiol monolayer as an adhesion layer. <i>Electrochemistry Communications</i> , 2012, 20, 163-166.	4.7	5
14	Enhanced anchoring and catalytic conversion of polysulfides by iron phthalocyanine for graphene-based Li-S batteries. <i>Ionics</i> , 2021, 27, 3007-3016.	2.4	4
15	Interfacial modification enabled room temperature solid-state lithium-metal batteries. <i>Ionics</i> , 2021, 27, 1569-1578.	2.4	2
16	Template-assisted evaporation deposition of Au nanoparticles for fabrication of hierarchical porous Au film modified electrodes and their salt concentration-dependent capacitive current. <i>Journal of Electroanalytical Chemistry</i> , 2014, 714-715, 116-121.	3.8	1
17	Nano-Al as a promising cathode additive for lithium-sulfur batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 116-122.	3.8	1
18	Effects of fabrication atmosphere conditions on the physico-chemical properties of garnet electrolyte. <i>Ionics</i> , 2022, 28, 2673-2683.	2.4	1