Wendi Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11452037/publications.pdf

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15	471	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	667
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved supercapacitor performance of MnO2-electrospun carbon nanofibers electrodes by mT magnetic field. Journal of Power Sources, 2017, 358, 22-28.	7.8	80
2	Magnetic Fieldâ€Enhanced 4â€Electron Pathway for Wellâ€Aligned Co₃O₄/Electrospun Carbon Nanofibers in the Oxygen Reduction Reaction. ChemSusChem, 2018, 11, 580-588.	6.8	65
3	Electrochemical Study of DPPH Radical Scavenging for Evaluating the Antioxidant Capacity of Carbon Nanodots. Journal of Physical Chemistry C, 2017, 121, 18635-18642.	3.1	56
4	A fluorescence-electrochemical study of carbon nanodots (CNDs) in bio- and photoelectronic applications and energy gap investigation. Physical Chemistry Chemical Physics, 2017, 19, 20101-20109.	2.8	53
5	Tuning the Functional Groups on Carbon Nanodots and Antioxidant Studies. Molecules, 2019, 24, 152.	3.8	49
6	Antioxidant Capacity of Nitrogen and Sulfur Codoped Carbon Nanodots. ACS Applied Nano Materials, 2018, 1, 2699-2708.	5.0	46
7	Uniformly electrodeposited Î±-MnO2 film on super-aligned electrospun carbon nanofibers for a bifunctional catalyst design in oxygen reduction reaction. Electrochimica Acta, 2017, 256, 232-240.	5.2	42
8	Plasmon-Enhanced Fluorescence of Carbon Nanodots in Gold Nanoslit Cavities. Langmuir, 2019, 35, 8903-8909.	3.5	20
9	Nitrogen and sulfur co-doped carbon nanodots in living EA.hy926 and A549 cells: oxidative stress effect and mitochondria targeting. Journal of Materials Science, 2020, 55, 6093-6104.	3.7	19
10	Magnetoreception of Photoactivated Cryptochrome 1 in Electrochemistry and Electron Transfer. ACS Omega, 2018, 3, 4752-4759.	3.5	13
11	Plasmonâ€“Exciton Coupling in Photosystem I Based Biohybrid Photoelectrochemical Cells. ACS Applied Bio Materials, 2018, 1, 802-807.	4.6	9
12	Examining the Influence of Bilayer Structure on Energy Transfer and Molecular Photon Upconversion in Metal Ion Linked Multilayers. Journal of Physical Chemistry C, 2020, 124, 23597-23610.	3.1	7
13	Dark-Field Microscopic Study of Cellular Uptake of Carbon Nanodots: Nuclear Penetrability. Molecules, 2022, 27, 2437.	3.8	5
14	Magnetically-enhanced electron transfer from immobilized galvinoxyl radicals. Electrochemistry Communications, 2019, 99, 36-40.	4.7	4
15	Carbon Nanodots Inhibit Oxidized Low Density Lipoprotein-Induced Injury and Monocyte Adhesion to Endothelial Cells Through Scavenging Reactive Oxygen Species. Journal of Biomedical Nanotechnology, 2021, 17, 1654-1667.	1.1	2