Weidong Zhao

List of Publications by Year
in descending order

12 papers	145 citations	1684188 5 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	221 citing authors

#	Article	IF	Citations
1	Beyond imaging: Applications of atomic force microscopy for the study of Lithium-ion batteries. Ultramicroscopy, 2019, 204, 34-48.	1.9	39
2	ZO-1 expression is suppressed by GM-CSF via miR-96/ERG in brain microvascular endothelial cells. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 809-822.	4.3	26
3	Lab on a tip: Applications of functional atomic force microscopy for the study of electrical properties in biology. Acta Biomaterialia, 2019, 99, 33-52.	8.3	25
4	Direct study of the electrical properties of PC12 cells and hippocampal neurons by EFM and KPFM. Nanoscale Advances, 2019, 1, 537-545.	4.6	21
5	Direct investigation of charge transfer in neurons by electrostatic force microscopy. Ultramicroscopy, 2019, 196, 24-32.	1.9	8
6	Direct investigations of the electrical conductivity of normal and cancer breast cells by conductive atomic force microscopy. Ultramicroscopy, 2022, 237, 113531.	1.9	7
7	A case study of the electrical properties of astrocytes by multimode AFM. Journal of Microscopy, 2019, 275, 75-81.	1.8	5
8	Rapid Gelling of Guar Gum Hydrogel Stabilized by Copper Hydroxide Nanoclusters for Efficient Removal of Heavy Metal and Supercapacitors. Frontiers in Chemistry, 2021, 9, 794755.	3.6	5
9	Progerin modulates the IGF-1R/Akt signaling involved in aging. Science Advances, 2022, 8, .	10.3	5
10	Inhibitor discovery for the E. coli meningitis virulence factor IbeA from homology modeling and virtual screening. Journal of Computer-Aided Molecular Design, 2020, 34, 11-25.	2.9	3
11	Graphical symbol recognition in architectural plans with an improved Ant-Tree based clustering algorithm. , 2008, , .		1
12	Design and Implementation of Detection and Tracking System for Bagged Cargo. , 2010, , .		0