

Moataz M Mekawy

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

887
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative and qualitative studies for real monitoring of interfacial molecular water. Journal of Colloid and Interface Science, 2022, 613, 311-319.	9.4	10
2	Recent Sensing Technologies of Imperceptible Water in Atmosphere. Chemosensors, 2022, 10, 112.	3.6	5
3	Relation between Water Status on Micro/Nano Gap between Galvanic Arrays and Flowing Current Around 100% in Relative Humidity. Journal of the Electrochemical Society, 2021, 168, 047512.	2.9	6
4	Control of Heat Capacity of Moisture Sensor by Galvanic Arrays with Micro/Nano Gap toward Accurate Detection of Dew Condensation on Target. Journal of the Electrochemical Society, 2021, 168, 067522.	2.9	7
5	Quantitative Correlation of Droplets on Galvanic-Coupled Arrays with Response Current by Image Processing. ACS Omega, 2021, 6, 30818-30825.	3.5	6
6	Hybrid magneto-fluorescent nano-probe for live apoptotic cells monitoring at brain cerebral ischemia. Materials Science and Engineering C, 2019, 100, 485-492.	7.3	11
7	Electrochemical detection of dihydronicotinamide adenine dinucleotide using Al ₂ O ₃ -GO nanocomposite modified electrode. Arabian Journal of Chemistry, 2018, 11, 942-949.	4.9	17
8	Ultrasensitive in-vitro monitoring of monoamine neurotransmitters from dopaminergic cells. Sensors and Actuators B: Chemical, 2018, 259, 114-124.	7.8	83
9	Design of hierarchical electrocatalytic mediator for one step, selective screening of biomolecules in biological fluid samples. Journal of Applied Electrochemistry, 2018, 48, 529-542.	2.9	61
10	Broccoli-shaped biosensor hierarchy for electrochemical screening of noradrenaline in living cells. Biosensors and Bioelectronics, 2018, 100, 122-131.	10.1	113
11	Monitoring of microbial cell viability using nanostructured electrodes modified with Graphene/Alumina nanocomposite. Biosensors and Bioelectronics, 2017, 91, 857-862.	10.1	31
12	Hierarchical C-N doped NiO with dual-head echinop flowers for ultrasensitive monitoring of epinephrine in human blood serum. Mikrochimica Acta, 2017, 184, 4553-4562.	5.0	81
13	Noninvasive targeting delivery and in vivo magnetic resonance tracking method for live apoptotic cells in cerebral ischemia with functional Fe ₂ O ₃ magnetic nanoparticles. Journal of Nanobiotechnology, 2016, 14, 19.	9.1	9
14	Synthesis, characterization and electrochemical-sensor applications of zinc oxide/graphene oxide nanocomposite. Journal of Nanostructure in Chemistry, 2016, 6, 137-144.	9.1	97
15	Fabrication and characterization of mesoporous silica nanochannels inside the channels of anodic alumina membrane. Arabian Journal of Chemistry, 2016, 9, 269-273.	4.9	0
16	Targeting of Apoptotic Cells Using Functionalized Fe ₂ O ₃ Nanoparticles. Nanomaterials, 2015, 5, 874-884.	4.1	7
17	Stachybotrys microspora triprenyl phenol-7, a novel fibrinolytic agent, suppresses superoxide production, matrix metalloproteinase-9 expression, and thereby attenuates ischemia/reperfusion injury in rat brain. Neuroscience Letters, 2011, 503, 110-114.	2.1	34
18	Large three-dimensional mesopore pores tailoring silica nanotubes as membrane filters: nanofiltration and permeation flux of proteins. Journal of Materials Chemistry, 2011, 21, 5593.	6.7	150

#	ARTICLE	IF	CITATIONS
19	Fabrication of different silica nanotubes and examination of their catalytic activity in organic solvents. <i>Research on Chemical Intermediates</i> , 2011, 37, 719-727.	2.7	2
20	Mesoporous silica hybrid membranes for precise size-exclusive separation of silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 348-358.	9.4	31
21	Mesoporous silica nanotubes hybrid membranes for functional nanofiltration. <i>Nanotechnology</i> , 2010, 21, 375603.	2.6	36
22	Organic-inorganic mesoporous silica nanostrands for ultrafine filtration of spherical nanoparticles. <i>Chemical Communications</i> , 2010, 46, 3917.	4.1	62
23	Diffusion of Metal Complexes Inside of Silica-Surfactant Nanochannels within a Porous Alumina Membrane. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2024-2030.	2.6	28