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List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,270
citations

430874

18
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide as a Practical Solution to High Sensitivity Gas Sensing. Journal of Physical Chemistry C, 2013, 117, 10683-10690.	3.1	195
2	Antibody-conjugated PEGylated cerium oxide nanoparticles for specific targeting of A β aggregates modulate neuronal survival pathways. Acta Biomaterialia, 2012, 8, 2056-2067.	8.3	145
3	Cytotoxicity and Genotoxicity of Ceria Nanoparticles on Different Cell Lines in Vitro. International Journal of Molecular Sciences, 2013, 14, 3065-3077.	4.1	139
4	Cerium Oxide Nanoparticles Trigger Neuronal Survival in a Human Alzheimer Disease Model By Modulating BDNF Pathway. Current Nanoscience, 2009, 5, 167-176.	1.2	126
5	Microstructural effect on NO ₂ sensitivity of WO ₃ thin film gas sensors Part 1. Thin film devices, sensors and actuators. Thin Solid Films, 1996, 287, 258-265.	1.8	81
6	Cerium oxide nanoparticles as potential antibiotic adjuvant. Effects of CeO ₂ nanoparticles on bacterial outer membrane permeability. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2428-2435.	2.6	76
7	Cerium Oxide Nanoparticles Reduce Microglial Activation and Neurodegenerative Events in Light Damaged Retina. PLoS ONE, 2015, 10, e0140387.	2.5	65
8	WO ₃ /TiO ₂ composite coatings: Structural, optical and photocatalytic properties. Materials Research Bulletin, 2016, 83, 217-224.	5.2	57
9	Use of Optical Contrast To Estimate the Degree of Reduction of Graphene Oxide. Journal of Physical Chemistry C, 2013, 117, 620-625.	3.1	52
10	Reduction dependent wetting properties of graphene oxide. Carbon, 2014, 77, 473-480.	10.3	49
11	Graphene oxide for gas detection under standard humidity conditions. 2D Materials, 2015, 2, 035018.	4.4	46
12	Electrospun Cu-, W- and Fe-doped TiO ₂ nanofibres for photocatalytic degradation of rhodamine 6G. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	32
13	Metal-induced self-assembly of peroxiredoxin as a tool for sorting ultrasmall gold nanoparticles into one-dimensional clusters. Nanoscale, 2014, 6, 8052.	5.6	30
14	Au/CuPc interface: Photoemission investigation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 1477-1481.	2.1	28
15	Photocatalytic degradation of linuron in aqueous suspensions of TiO ₂ . RSC Advances, 2011, 1, 611.	3.6	24
16	Supramolecular self-assembly of graphene oxide and metal nanoparticles into stacked multilayers by means of a multitasking protein ring. Nanoscale, 2016, 8, 6739-6753.	5.6	24
17	<i>In Vivo</i> Inflammatory Effects of Ceria Nanoparticles on CD-1 Mouse: Evaluation by Hematological, Histological, and TEM Analysis. Journal of Immunology Research, 2014, 2014, 1-14.	2.2	21
18	Dose and wavelength dependent study of graphene oxide photoreduction with VUV Synchrotron radiation. Carbon, 2014, 79, 478-485.	10.3	18

#	ARTICLE	IF	CITATIONS
19	Comparison of Single and Binary Oxide MoO ₃ , TiO ₂ and WO ₃ Sol-gel Gas Sensors. , 2001, , 836-839.		18
20	Short-Term Biodistribution of Cerium Oxide Nanoparticles in Mice: Focus on Brain Parenchyma. Nanoscience and Nanotechnology Letters, 2013, 5, 1174-1181.	0.4	17
21	Au/CuPc interface: A valence band photoemission investigation. Journal of Chemical Physics, 2011, 134, 114709.	3.0	13
22	Observation of a photoinduced, resonant tunneling effect in a carbon nanotube-silicon heterojunction. Beilstein Journal of Nanotechnology, 2015, 6, 704-710.	2.8	7
23	UV photo-responsivity of a large-area MWCNT-Si photodetector operated at cryogenic temperature. European Physical Journal Plus, 2018, 133, 1.	2.6	7