

Tao Wen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

687
citations

840119

11
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Localized Electric Field of Plasmonic Nanoplatform Enhanced Photodynamic Tumor Therapy. ACS Nano, 2014, 8, 11529-11542.	7.3	220
2	Formation of PdPt Alloy Nanodots on Gold Nanorods: Tuning Oxidase-like Activities via Composition. Langmuir, 2011, 27, 2796-2803.	1.6	131
3	Core-Shell Noble Metal Nanostructures Templated by Gold Nanorods. Advanced Materials, 2013, 25, 3857-3862.	11.1	58
4	Copper Ion Assisted Reshaping and Etching of Gold Nanorods: Mechanism Studies and Applications. Journal of Physical Chemistry C, 2013, 117, 25769-25777.	1.5	54
5	Exploring environment-dependent effects of Pd nanostructures on reactive oxygen species (ROS) using electron spin resonance (ESR) technique: implications for biomedical applications. Physical Chemistry Chemical Physics, 2015, 17, 24937-24943.	1.3	51
6	Probing hydroxyl radical generation from H ₂ O ₂ upon plasmon excitation of gold nanorods using electron spin resonance: Molecular oxygen-mediated activation. Nano Research, 2016, 9, 1663-1673.	5.8	38
7	Copper-Ion-Assisted Growth of Gold Nanorods in Seed-Mediated Growth: Significant Narrowing of Size Distribution via Tailoring Reactivity of Seeds. Langmuir, 2012, 28, 17517-17523.	1.6	29
8	Iron oxide nanoparticles induce reversible endothelial-to-mesenchymal transition in vascular endothelial cells at acutely non-cytotoxic concentrations. Particle and Fibre Toxicology, 2019, 16, 30.	2.8	29
9	<p>Comparative study of in vitro effects of different nanoparticles at non-cytotoxic concentration on the adherens junction of human vascular endothelial cells<p>. International Journal of Nanomedicine, 2019, Volume 14, 4475-4489.	3.3	25
10	Activation of Oxygen-Mediating Pathway Using Copper Ions: Fine-Tuning of Growth Kinetics in Gold Nanorod Overgrowth. Langmuir, 2014, 30, 12376-12383.	1.6	21
11	<sc>Cysteine-induced chiroptical activity in assemblies of gold nanorods and its use in ultrasensitive detection of copper ions. RSC Advances, 2014, 4, 45159-45162.	1.7	11
12	In Vivo Metabolic Response upon Exposure to Gold Nanorod Core/Silver Shell Nanostructures: Modulation of Inflammation and Upregulation of Dopamine. International Journal of Molecular Sciences, 2020, 21, 384.	1.8	7
13	Ultra-small platinum nanoparticles on gold nanorods induced intracellular ROS fluctuation to drive megakaryocytic differentiation of leukemia cells. Biomaterials Science, 2020, 8, 6204-6211.	2.6	6
14	A Contrast Examination of Proinflammatory Effects on Kidney Function for ⁶⁵ Fe ₂ O ₃ NP and Gadolinium Dimethylglumine. International Journal of Nanomedicine, 2021, Volume 16, 2271-2282.	3.3	4
15	Nanomaterials and Reactive Oxygen Species (ROS). , 2020, , 361-387.		2
16	Enhancement of Paramagnetic Relaxation by Photoexcited Gold Nanorods. Scientific Reports, 2016, 6, 24101.	1.6	1
17	Conductive Nanostructured Scaffolds for Guiding Tissue Regeneration. , 2020, , 39-90.		0