Tao Wen

List of Publications by Year
in descending order

17	687	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1544
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Localized Electric Field of Plasmonic Nanoplatform Enhanced Photodynamic Tumor Therapy. ACS Nano, 2014, 8, 11529-11542.	14.6	220
2	Formation of PdPt Alloy Nanodots on Gold Nanorods: Tuning Oxidase-like Activities via Composition. Langmuir, 2011, 27, 2796-2803.	3.5	131
3	Coreâ€“Shell Noble Metal Nanostructures Templated by Gold Nanorods. Advanced Materials, 2013, 25, 3857-3862.	21.0	58
4	Copper Ion Assisted Reshaping and Etching of Gold Nanorods: Mechanism Studies and Applications. Journal of Physical Chemistry C, 2013, 117, 25769-25777.	3.1	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.	2.8	51
6	Probing hydroxyl radical generation from H2O2 upon plasmon excitation of gold nanorods using electron spin resonance: Molecular oxygen-mediated activation. Nano Research, 2016, 9, 1663-1673.	10.4	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.	3.5	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.	6.2	29
9	Comparative study of in vitro effects of different nanoparticles at non-cytotoxic concentration on the adherens junction of human vascular endothelial cells . International Journal of Nanomedicine, 2019, Volume 14, 4475-4489.	6.7	25
10	Activation of Oxygen-Mediating Pathway Using Copper Ions: Fine-Tuning of Growth Kinetics in Gold Nanorod Overgrowth. Langmuir, 2014, 30, 12376-12383.	3.5	21
11	<scp>l</scp>-Cysteine-induced chiroptical activity in assemblies of gold nanorods and its use in ultrasensitive detection of copper ions. RSC Advances, 2014, 4, 45159-45162.	3.6	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.	4.1	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.	5.4	6
14	A Contrast Examination of Proinflammatory Effects on Kidney Function for Î³-Fe2O3 NP and Gadolinium Dimeglumine. International Journal of Nanomedicine, 2021, Volume 16, 2271-2282.	6.7	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.	3.3	1
17	Conductive Nanostructured Scaffolds for Guiding Tissue Regeneration. , 2020, , 39-90.		0