

Moustafa R K Ali

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,325
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

4246
citing authors

#	ARTICLE	IF	CITATIONS
1	The Most Effective Gold Nanorod Size for Plasmonic Photothermal Therapy: Theory and <i>In Vitro</i> Experiments. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1319-1326.	2.6	315
2	Gold nanoparticles in biological optical imaging. <i>Nano Today</i> , 2019, 24, 120-140.	11.9	259
3	Gold-Nanoparticle-Assisted Plasmonic Photothermal Therapy Advances Toward Clinical Application. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15375-15393.	3.1	245
4	Efficacy, long-term toxicity, and mechanistic studies of gold nanorods photothermal therapy of cancer in xenograft mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3110-E3118.	7.1	237
5	Synthesis and Optical Properties of Small Au Nanorods Using a Seedless Growth Technique. <i>Langmuir</i> , 2012, 28, 9807-9815.	3.5	218
6	Targeting heat shock protein 70 using gold nanorods enhances cancer cell apoptosis in low dose plasmonic photothermal therapy. <i>Biomaterials</i> , 2016, 102, 1-8.	11.4	159
7	Targeting cancer cell integrins using gold nanorods in photothermal therapy inhibits migration through affecting cytoskeletal proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5655-E5663.	7.1	151
8	Nuclear Membrane-Targeted Gold Nanoparticles Inhibit Cancer Cell Migration and Invasion. <i>ACS Nano</i> , 2017, 11, 3716-3726.	14.6	135
9	Simultaneous Time-Dependent Surface-Enhanced Raman Spectroscopy, Metabolomics, and Proteomics Reveal Cancer Cell Death Mechanisms Associated with Gold Nanorod Photothermal Therapy. <i>Journal of the American Chemical Society</i> , 2016, 138, 15434-15442.	13.7	128
10	Gold Nanorod Photothermal Therapy Alters Cell Junctions and Actin Network in Inhibiting Cancer Cell Collective Migration. <i>ACS Nano</i> , 2018, 12, 9279-9290.	14.6	105
11	Enhancing the Efficiency of Gold Nanoparticles Treatment of Cancer by Increasing Their Rate of Endocytosis and Cell Accumulation Using Rifampicin. <i>Journal of the American Chemical Society</i> , 2014, 136, 4464-4467.	13.7	101
12	Treatment of natural mammary gland tumors in canines and felines using gold nanorods-assisted plasmonic photothermal therapy to induce tumor apoptosis. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4849-4863.	6.7	58
13	Synthesis and characterization of SiC and SiC/Si ₃ N ₄ composite nano powders from waste material. <i>Journal of Hazardous Materials</i> , 2012, 227-228, 250-256.	12.4	48
14	Gold Nanorods as Drug Delivery Vehicles for Rifampicin Greatly Improve the Efficacy of Combating <i>Mycobacterium tuberculosis</i> with Good Biocompatibility with the Host Cells. <i>Bioconjugate Chemistry</i> , 2016, 27, 2486-2492.	3.6	43
15	Efficacy and toxicity of plasmonic photothermal therapy (PPT) using gold nanorods (GNRs) against mammary tumors in dogs and cats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2291-2297.	3.3	29
16	Improving the Flow Cytometry-based Detection of the Cellular Uptake of Gold Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 14261-14267.	6.5	29
17	Photothermal therapeutic effect of PEGylated gold nano-semicubes in chemically-induced skin cancer in mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 21-29.	3.8	19
18	Gold Nanorod-Assisted Photothermal Therapy Decreases Bleeding during Breast Cancer Surgery in Dogs and Cats. <i>Cancers</i> , 2019, 11, 851.	3.7	15

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19	Detection of Cyto- and Genotoxicity of Rod-Shaped Gold Nanoparticles in Human Blood Lymphocytes Using Comet-FISH. <i>Cytologia</i> , 2015, 80, 173-181.	0.6	10
20	Synthesis, structure evolution, and optical properties of gold nanobones. <i>Research on Chemical Intermediates</i> , 2019, 45, 3973-3983.	2.7	6
21	Preventing Metastasis Using Gold Nanorod-Assisted Plasmonic Photothermal Therapy in Xenograft Mice. <i>Bioconjugate Chemistry</i> , 2022, 33, 2320-2331.	3.6	6
22	Therapeutic potential of targeted gold nanospheres on collagen-induced arthritis in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1346-1357.	1.9	5