

Seyed Mohammad Amini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/692667/publications.pdf>

Version: 2024-02-01

29
papers

790
citations

394421

19
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

989
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of antimicrobial metallic nanoparticles with bioactive compounds. <i>Materials Science and Engineering C</i> , 2019, 103, 109809.	7.3	100
2	Metal nanoparticles synthesis through natural phenolic acids. <i>IET Nanobiotechnology</i> , 2019, 13, 771-777.	3.8	61
3	Evaluation of size, morphology, concentration, and surface effect of gold nanoparticles on X-ray attenuation in computed tomography. <i>Physica Medica</i> , 2018, 45, 127-133.	0.7	49
4	Fast and effective photodynamic inactivation of 4-day-old biofilm of methicillin-resistant <i>Staphylococcus aureus</i> using methylene blue-conjugated gold nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 37, 134-140.	3.0	47
5	Expression analysis of circulating plasma long noncoding RNAs in colorectal cancer: The relevance of lncRNAs ATB and CCAT1 as potential clinical hallmarks. <i>Journal of Cellular Physiology</i> , 2019, 234, 22028-22033.	4.1	44
6	Maternal exposure to silver nanoparticles are associated with behavioral abnormalities in adulthood: Role of mitochondria and innate immunity in developmental toxicity. <i>NeuroToxicology</i> , 2018, 66, 66-77.	3.0	37
7	<p>The Anti-Mycobacterial Activity Of Ag, ZnO, And Ag- ZnO Nanoparticles Against MDR- And XDR-Myco</p>Mycobacterium tuberculosis</p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 3425-3435.	2.7	32
8	Radiofrequency electric field hyperthermia with gold nanostructures: role of particle shape and surface chemistry. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1452-1462.	2.8	30
9	Gold nanostructures absorption capacities of various energy forms for thermal therapy applications. <i>Journal of Thermal Biology</i> , 2019, 79, 81-84.	2.5	29
10	Antimicrobial effects of selenium nanoparticles in combination with photodynamic therapy against <i>Enterococcus faecalis</i> biofilm. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102398.	2.6	28
11	Effect of gold nanoparticles on photodynamic efficiency of 5-aminolevulinic acid photosensitiser in epidermal carcinoma cell line: an in vitro study. <i>IET Nanobiotechnology</i> , 2013, 7, 151-156.	3.8	27
12	Safety of nanotechnology in food industries. <i>Electronic Physician</i> , 2014, 6, 962-8.	0.2	24
13	Radio frequency hyperthermia of cancerous cells with gold nanoclusters: an in vitro investigation. <i>Gold Bulletin</i> , 2017, 50, 43-50.	2.4	23
14	Construction of genetically engineered M13K07 helper phage for simultaneous phage display of gold binding peptide 1 and nuclear matrix protein 22 ScFv antibody. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 770-780.	5.0	23
15	Synthesis and characterisation of liposomal doxorubicin with loaded gold nanoparticles. <i>IET Nanobiotechnology</i> , 2018, 12, 846-849.	3.8	23
16	Cross-linking gold nanoparticles aggregation method based on localised surface plasmon resonance for quantitative detection of miR-155. <i>IET Nanobiotechnology</i> , 2018, 12, 453-458.	3.8	23
17	Cross-talk between oxidative stress signaling and microRNA regulatory systems in carcinogenesis: Focused on gastrointestinal cancers. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110729.	5.6	23
18	Comparison of Gold Nanoparticle Conjugated Secondary Antibody with Non-Gold Secondary Antibody in an ELISA Kit Model. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2015, 34, 366-370.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Plasmonic hyperthermia or radiofrequency electric field hyperthermia of cancerous cells through green-synthesized curcumin-coated gold nanoparticles. <i>Lasers in Medical Science</i> , 2022, 37, 1333-1341.	2.1	21
20	The Functional Roles of Curcumin on Astrocytes in Neurodegenerative Diseases. <i>NeuroImmunoModulation</i> , 2022, 29, 4-14.	1.8	21
21	Investigating the in vitro photothermal effect of green synthesized apigenin-coated gold nanoparticle on colorectal carcinoma. <i>IET Nanobiotechnology</i> , 2021, 15, 329-337.	3.8	18
22	Mesoporous silica coated gold nanorods: a multifunctional theranostic platform for radiotherapy and X-ray imaging. <i>Journal of Porous Materials</i> , 2021, 28, 1961-1968.	2.6	17
23	Recent Advances in Cellulose-Based Structures as the Wound-Healing Biomaterials: A Clinically Oriented Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7769.	2.5	17
24	Potential therapeutic effects of curcumin coated silver nanoparticle in the treatment of cutaneous leishmaniasis due to <i>Leishmania major</i> in-vitro and in a murine model. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103576.	3.0	16
25	The application of selenium nanoparticles for enhancing the efficacy of photodynamic inactivation of planktonic communities and the biofilm of <i>Streptococcus mutans</i> . <i>BMC Research Notes</i> , 2022, 15, 84.	1.4	10
26	In-vitro investigation of green synthesized gold nanoparticle's role in combined photodynamic and radiation therapy of cancerous cells. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 045006.	1.5	9
27	Folic acid decorated mesoporous silica nanospheres loaded with gadolinium for breast cancer cell imaging. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 045010.	1.5	5
28	Spontaneous Coronary Artery Dissection: A Case Report. <i>The Journal of Tehran Heart Center</i> , 2015, 10, 159-62.	0.3	1
29	Assessing the effectiveness of ketorolac in pain management of traumatic injuries in prehospital emergency care services. <i>Journal of Emergency Practice and Trauma</i> , 2021, 8, 8-12.	0.3	0