

# Abbas Salihi

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

917  
citations

567281

15  
h-index

477307

29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

968  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA: A signature for cancer progression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111528.	5.6	115
2	Enzyme immobilization onto the nanomaterials: Application in enzyme stability and prodrug-activated cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 665-676.	7.5	89
3	Gold nanomaterials as key suppliers in biological and chemical sensing, catalysis, and medicine. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129435.	2.4	86
4	Gold nanozyme: Biosensing and therapeutic activities. <i>Materials Science and Engineering C</i> , 2020, 108, 110422.	7.3	83
5	Antioxidant properties of gold nanozyme: A review. <i>Journal of Molecular Liquids</i> , 2020, 297, 112004.	4.9	56
6	Plasmonic and chiroplasmonic nanobiosensors based on gold nanoparticles. <i>Talanta</i> , 2020, 212, 120782.	5.5	52
7	Nanozyme-based sensing platforms for detection of toxic mercury ions: An alternative approach to conventional methods. <i>Talanta</i> , 2020, 215, 120939.	5.5	48
8	Strategies to overcome the main challenges of the use of CRISPR/Cas9 as a replacement for cancer therapy. <i>Molecular Cancer</i> , 2022, 21, 64.	19.2	45
9	&lt;p&gt;Cerium oxide NPs mitigate the amyloid formation of $\alpha$ -synuclein and associated cytotoxicity&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6989-7000.	6.7	44
10	Combined chemo-magnetic&Afield-photothermal breast cancer therapy based on porous magnetite nanospheres. <i>Scientific Reports</i> , 2020, 10, 5925.	3.3	44
11	&lt;p&gt; $\alpha$ -synuclein interaction with zero-valent iron nanoparticles accelerates structural rearrangement into amyloid-susceptible structure with increased cytotoxic tendency&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4637-4648.	6.7	33
12	The emerging roles of NGS in clinical oncology and personalized medicine. <i>Pathology Research and Practice</i> , 2022, 230, 153760.	2.3	25
13	Albumin binding, antioxidant and antibacterial effects of cerium oxide nanoparticles. <i>Journal of Molecular Liquids</i> , 2019, 296, 111839.	4.9	21
14	Strategies of enzyme immobilization on nanomatrix supports and their intracellular delivery. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2746-2762.	3.5	21
15	Silymarin-albumin nanoplex: Preparation and its potential application as an antioxidant in nervous system in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118824.	5.2	18
16	MicroRNAs: Important Players in Breast Cancer Angiogenesis and Therapeutic Targets. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 764025.	3.5	15
17	The effect of aluminum oxide on red blood cell integrity and hemoglobin structure at nanoscale. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 800-809.	7.5	14
18	Signaling pathways modulated by miRNAs in breast cancer angiogenesis and new therapeutics. <i>Pathology Research and Practice</i> , 2022, 230, 153764.	2.3	14

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19	In vitro anticancer activity of hydrogen sulfide and nitric oxide alongside nickel nanoparticle and novel mutations in their genes in CRC patients. <i>Scientific Reports</i> , 2021, 11, 2536.	3.3	13
20	&lt;p&gt;Vitamin K1 As A Potential Molecule For Reducing Single-Walled Carbon Nanotubes-Stimulated Î±-Synuclein Structural Changes And Cytotoxicity&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8433-8444.	6.7	11
21	Gasotransmitters in the tumor microenvironment: Impacts on cancer chemotherapy (Review). <i>Molecular Medicine Reports</i> , 2022, 26, .	2.4	11
22	The effects of nickel oxide nanoparticles on structural changes, heme degradation, aggregation of hemoglobin and expression of apoptotic genes in lymphocytes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3676-3686.	3.5	10
23	Association between the serum concentrations and mutational status of ILâ€™8, ILâ€™27 and VEGF and the expression levels of the hERG potassium channel gene in patients with colorectal cancer. <i>Oncology Letters</i> , 2021, 22, 665.	1.8	9
24	Nanoformulation of Polyphenol Curcumin Enhances Cisplatin-Induced Apoptosis in Drug-Resistant MDA-MB-231 Breast Cancer Cells. <i>Molecules</i> , 2022, 27, 2917.	3.8	8
25	Cancer Incidence in the Kurdistan Region of Iraq: Results of a Seven-Year Cancer Registration in Erbil and Duhok Governorates. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 601-615.	1.2	7
26	&lt;p&gt;The interaction of silica nanoparticles with catalase and human mesenchymal stem cells: biophysical, theoretical and cellular studies&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5355-5368.	6.7	6
27	The vasodilatory mechanism of nitric oxide and hydrogen sulfide in the human mesenteric artery in patients with colorectal cancer. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 214.	1.8	5
28	Cardiac, Hepatic and Renal Dysfunction and IL-18 Polymorphism in Breast, Colorectal, and Prostate Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 131-137.	1.2	4
29	The role of oxidative stress and haematological parameters in relapsing-remitting multiple sclerosis in Kurdish population. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 56, 103228.	2.0	3
30	Prevalence of the prothrombin G20210A mutation among ischemic stroke patients. <i>Journal of Cardiovascular and Thoracic Research</i> , 2020, 12, 234-237.	0.9	3
31	The status of cancer publications in the Kurdistan region of Iraq. <i>Journal of Cancer Policy</i> , 2020, 24, 100221.	1.4	2
32	In vivo cardiac electrical activity of nitric oxide in barium chloride treated male rats. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
33	Endothelium derived relaxation factors reduce sulfur dioxide-induced aortic relaxation. <i>Open Journal of Molecular and Integrative Physiology</i> , 2013, 03, 181-185.	0.6	1
34	250 MODULATION OF AORTIC INWARD RECTIFIER POTASSIUM2.1 CHANNEL ACTIVITY BY SULFUR DIOXIDE. <i>Heart</i> , 2013, 99, A133.1-A133.	2.9	0
35	Vasoactivity of nitric oxide and hydrogen sulfide in mesenteric artery of colorectal cancer patients. <i>Annals of Oncology</i> , 2017, 28, iii87-iii88.	1.2	0
36	Nitric Oxide Donor Dilates Aorta in Salt Loaded Rats via Activation of Inward-Rectifier Potassium Channels. <i>Zanco Journal of Pure and Applied Sciences</i> , 2015, 29, .	0.1	0

#	ARTICLE	IF	CITATIONS
37	Screening of Oxidative Stress and Prostate Cancer Biomarkers among Rural and Urban Elderly People in Erbil Governorate-Kurdistan Region. Zanco Journal of Pure and Applied Sciences, 2017, , .	0.1	0
38	Roles of magnesium ions in vascular relaxation via calcium channel and cyclooxygenase pathway in isolated rat aorta. Zanco Journal of Pure and Applied Sciences, 2017, 29, .	0.1	0