

# Ahmad Reza Shahverdi

## List of Publications by Year in descending order

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63  
papers

2,829  
citations

186265

28  
h-index

175258

52  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wound healing and anti-inflammatory effects of bacterial cellulose coated with Pistacia atlantica fruit oil. DARU, Journal of Pharmaceutical Sciences, 2022, 30, 1-10.	2.0	10
2	Comparison of Cytokine Expression in Human PBMCs Stimulated with Normal and Heat-Shocked Lactobacillus plantarum Cell Lysate. Probiotics and Antimicrobial Proteins, 2021, 13, 1539-1545.	3.9	5
3	Fabrication of Calcium Sulfate Coated Selenium Nanoparticles and Corresponding Cytotoxicity Effects Against 4T1 Breast Cancer Cell Line.. Avicenna Journal of Medical Biotechnology, 2021, 13, 201-206.	0.3	0
4	The Toxicity of Synthetic and Biogenic Selenium Nanoparticles on Human Brain Glioblastoma Cell Line: An in vitro Comparison. , 2020, 10, 26851.		0
5	PerioVax3, a key antigenic determinant with immunoprotective potential against periodontal pathogen. Microbial Pathogenesis, 2019, 135, 103661.	2.9	4
6	Biosynthesis of SeNPs by <i>Mycobacterium bovis</i> and their enhancing effect on the immune response against HBs antigens: an <i>in vivo</i> study. IET Nanobiotechnology, 2018, 12, 57-63.	3.8	3
7	Characterization of Folic Acid Surface-Coated Selenium Nanoparticles and Corresponding In Vitro and In Vivo Effects Against Breast Cancer. Archives of Medical Research, 2018, 49, 10-17.	3.3	29
8	Isolation, one-step affinity purification, and characterization of a polyextremotolerant laccase from the halophilic bacterium Aquasalibacillus elongatus and its application in the delignification of sugar beet pulp. Bioresource Technology, 2017, 230, 67-75.	9.6	82
9	Polyacrylamide/reduced graphene oxide-Ag nanocomposite as highly efficient antibacterial transparent film. Journal of the Iranian Chemical Society, 2017, 14, 37-46.	2.2	15
10	In Vitro Activity of Two Nanoparticles on Clinical Isolates of Candida parapsilosis, Showing Resistance Against Antifungal Agents in Children. Archives of Clinical Infectious Diseases, 2017, 12, .	0.2	5
11	Targeted Intracellular Heat Transfer in Cancer Therapy: Assessment of Asparagine-laminated Gold Nanoparticles in Cell Model of T cell Leukemia. Iranian Journal of Public Health, 2017, 46, 357-367.	0.5	5
12	Blockage of both the extrinsic and intrinsic pathways of diazinon-induced apoptosis in PaTu cells by magnesium oxide and selenium nanoparticles. International Journal of Nanomedicine, 2016, Volume 11, 6239-6250.	6.7	26
13	Enhancing activity and thermostability of lipase A from Serratia marcescens by site-directed mutagenesis. Enzyme and Microbial Technology, 2016, 93-94, 18-28.	3.2	40
14	Adjuvant Effect of Biogenic Selenium Nanoparticles Improves the Immune Responses and Survival of Mice Receiving 4T1 Cell Antigens as Vaccine in Breast Cancer Murine Model. Journal of Nanoscience and Nanotechnology, 2015, 15, 10165-10172.	0.9	22
15	Dose-Response Relationship Study of Selenium Nanoparticles as an Immunostimulatory Agent in Cancer-bearing Mice. Archives of Medical Research, 2015, 46, 31-37.	3.3	26
16	Biosynthesis of tellurium nanoparticles by <i>Lactobacillus plantarum</i> and the effect of nanoparticle-enriched probiotics on the lipid profiles of mice. IET Nanobiotechnology, 2015, 9, 300-305.	3.8	25
17	Th1 Immune Response Induction by Biogenic Selenium Nanoparticles in Mice with Breast Cancer: Preliminary Vaccine Model. Iranian Journal of Biotechnology, 2015, 13, 1-9.	0.3	34
18	Antimicrobial Activities of Three Medicinal Plants and Investigation of Flavonoids of Tripleurospermum disciforme. Iranian Journal of Pharmaceutical Research, 2015, 14, 225-31.	0.5	17

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19	Antioxidant and cytotoxic effect of biologically synthesized selenium nanoparticles in comparison to selenium dioxide. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 75-79.	3.0	216
20	Antifungal activity of biogenic tellurium nanoparticles against <i>Candida albicans</i> and its effects on squalene monooxygenase gene expression. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 395-400.	3.1	25
21	The antimicrobial effects of selenium nanoparticle-enriched probiotics and their fermented broth against <i>Candida albicans</i> . <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 48.	2.0	77
22	Two matrix metalloproteinase inhibitors from <i>scrophularia striata</i> boiss. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 149-55.	0.5	1
23	Separation of the defect-free Fe <sub>3</sub> O <sub>4</sub> -Au core/shell fraction from magnetite-gold composite nanoparticles by an acid wash treatment. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	26
24	Selenium nanoparticle-enriched <i>Lactobacillus brevis</i> causes more efficient immune responses in vivo and reduces the liver metastasis in metastatic form of mouse breast cancer. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 33.	2.0	97
25	Isolation, characterization and complete genome sequence of Phax1: a phage of <i>Escherichia coli</i> O157:H7. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1629-1638.	1.8	32
26	Microwave-assisted biosynthesis of gold-silver alloy nanoparticles and determination of their Au/Ag ratio by atomic absorption spectroscopy. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 442-450.	2.4	17
27	Protection of cisplatin-induced spermatotoxicity, DNA damage and chromatin abnormality by selenium nano-particles. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 356-365.	2.8	160
28	Efficacy of biogenic selenium nanoparticles against <i>Leishmania major</i> : In vitro and in vivo studies. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 203-207.	3.0	125
29	Preparation and optimization of acetaminophen nanosuspension through nanoprecipitation using microfluidic devices: an artificial neural networks study. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 609-618.	2.4	18
30	Biochemical characterization of an extracellular polyextremophilic $\alpha$ -amylase from the halophilic archaeon <i>Halorubrum xinjiangense</i> . <i>Extremophiles</i> , 2013, 17, 677-687.	2.3	60
31	Acute and subacute toxicity of novel biogenic selenium nanoparticles in mice. <i>Pharmaceutical Biology</i> , 2013, 51, 58-63.	2.9	146
32	Synthesis and antibacterial activity of a Fe <sub>3</sub> O <sub>4</sub> -AgCl nanocomposite against <i>Escherichia coli</i> . <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 118-126.	1.2	4
33	Sub-inhibitory concentration of biogenic selenium nanoparticles lacks post antifungal effect for <i>Aspergillus niger</i> and <i>Candida albicans</i> and stimulates the growth of <i>Aspergillus niger</i> . <i>Iranian Journal of Microbiology</i> , 2013, 5, 81-5.	0.8	25
34	Effect of Oral Supplementation of Biogenic Selenium Nanoparticles on White Blood Cell Profile of BALB/c Mice and Mice Exposed to X-ray Radiation. <i>Avicenna Journal of Medical Biotechnology</i> , 2013, 5, 158-67.	0.3	23
35	Novel inhibitor discovery against aromatase through virtual screening and molecular dynamic simulation: a computational approach in drug design. <i>EXCLI Journal</i> , 2013, 12, 168-83.	0.7	12
36	In Vitro Antiparasitic and Apoptotic Effects of Antimony Sulfide Nanoparticles on <i>Leishmania infantum</i> . <i>Journal of Parasitology Research</i> , 2012, 2012, 1-7.	1.2	23

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37	The Use of Artificial Neural Networks for Optimizing Polydispersity Index (PDI) in Nanoprecipitation Process of Acetaminophen in Microfluidic Devices. <i>AAPS PharmSciTech</i> , 2012, 13, 1293-1301.	3.3	26
38	Microbial synthesis of antimony sulfide nanoparticles and their characterization. <i>Annals of Microbiology</i> , 2012, 62, 1419-1425.	2.6	19
39	Effect of selenium supplementation with sodium selenite and selenium nanoparticles on iron homeostasis and transferrin gene expression in sheep: A preliminary study. <i>Research in Veterinary Science</i> , 2012, 93, 275-278.	1.9	38
40	Biosynthesis and recovery of rod-shaped tellurium nanoparticles and their bactericidal activities. <i>Materials Research Bulletin</i> , 2012, 47, 3719-3725.	5.2	93
41	The Immunostimulatory Effect of Biogenic Selenium Nanoparticles on the 4T1 Breast Cancer Model: an In Vivo Study. <i>Biological Trace Element Research</i> , 2012, 149, 22-28.	3.5	98
42	The combination effects of trivalent gold ions and gold nanoparticles with different antibiotics against resistant <i>Pseudomonas aeruginosa</i> . <i>Gold Bulletin</i> , 2012, 45, 53-59.	2.4	39
43	The surface chemistry and stability of gold nanoparticles prepared using methanol extract of <i>Eucalyptus camaldulensis</i> . <i>Journal of Experimental Nanoscience</i> , 2011, 6, 200-208.	2.4	20
44	Amelioration of experimental colitis by a novel nanoselenium-silymarin mixture. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 200-208.	2.7	71
45	Purification and biochemical characterization of extracellular laccase from the ascomycete <i>Paraconiothyrium variable</i> . <i>Bioresource Technology</i> , 2011, 102, 1808-1814.	9.6	153
46	Optimization of Culture Conditions for Fermentation of Soymilk Using <i>Lactobacillus casei</i> by Response Surface Methodology. <i>Probiotics and Antimicrobial Proteins</i> , 2011, 3, 159-167.	3.9	14
47	An Enhancing Effect of Gold Nanoparticles on the Lethal Action of 2450 MHz Electromagnetic Radiation in Microwave Oven. <i>Avicenna Journal of Medical Biotechnology</i> , 2011, 3, 195-200.	0.3	5
48	Biosynthesis of selenium nanoparticles using <i>Klebsiella pneumoniae</i> and their recovery by a simple sterilization process. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 461-466.	2.0	179
49	Biosynthesis and recovery of selenium nanoparticles and the effects on matrix metalloproteinase-2 expression. <i>Biotechnology and Applied Biochemistry</i> , 2010, 56, 7-15.	3.1	151
50	Green synthesis of gold nanoparticles by the marine microalga <i>Tetraselmis suecica</i> . <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 71-75.	3.1	106
51	Purification and characterization of two extracellular endochitinases from <i>Massilia timonae</i> . <i>Carbohydrate Research</i> , 2010, 345, 402-407.	2.3	54
52	The Antifungal Activity of <i>Sarcococca saligna</i> Ethanol Extract and its Combination Effect with Fluconazole against Different Resistant <i>Aspergillus</i> Species. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 127-133.	2.9	15
53	Biosynthesis of selenium nanoparticles using <i>Klebsiella pneumoniae</i> and their recovery by a simple sterilization process. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 461-6.	2.0	69
54	Semi-Biosynthesis of Magnetite-Gold Composite Nanoparticles Using an Ethanol Extract of <i>Eucalyptus camaldulensis</i> and Study of the Surface Chemistry. <i>Journal of Nanomaterials</i> , 2009, 2009, 1-5.	2.7	29

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55	Genetically engineered phage harbouring the lethal catabolite gene activator protein gene with an inducer-independent promoter for biocontrol of <i>Escherichia coli</i> . FEMS Microbiology Letters, 2009, 296, 67-71.	1.8	43
56	Enhancement of the Antibacterial Activity of Ciprofloxacin against <i>Staphylococcus aureus</i> by 3-Alkyl Esters and 3-Aryl Esters of Hexahydroquinoline Derivatives. <i>Arzneimittelforschung</i> , 2008, 58, 464-468.	0.4	6
57	Screening of Medicinal Plant Methanol Extracts for the Synthesis of Gold Nanoparticles by Their Reducing Potential. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 903-908.	0.7	46
58	Galbanic Acid from <i>Ferula szowitsiana</i> Enhanced the Antibacterial Activity of Penicillin G and Cephalixin against <i>Staphylococcus aureus</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1805-1807.	1.4	58
59	Sophoraflavanone G from <i>Sophora pachycarpa</i> Enhanced the Antibacterial Activity of Gentamycin against <i>Staphylococcus aureus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 769-772.	1.4	16
60	Sophoraflavanone G from <i>Sophora pachycarpa</i> Enhanced the Antibacterial Activity of Gentamycin against <i>Staphylococcus aureus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 769-772.	1.4	7
61	Bleaching of <i>Serratia marcescens</i> by some coumarins: A spectrophotometric study. <i>Journal of Basic Microbiology</i> , 2005, 45, 470-474.	3.3	2
62	Synthesis and Antibacterial Activity of 2-(4-Substituted phenyl)-3(2H)-isothiazolones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
63	Synthesis and antibacterial activity of 2-(4-substituted phenyl)-3(2H)-isothiazolones. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 699-705.	5.5	37