

# Mehrdad Khatami

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5993843/publications.pdf>

Version: 2024-02-01

138  
papers

5,759  
citations

71102

41  
h-index

98798

67  
g-index

145  
all docs

145  
docs citations

145  
times ranked

4759  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on metal-organic frameworks: Synthesis and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 401-425.	11.4	546
2	Waste-grass-mediated green synthesis of silver nanoparticles and evaluation of their anticancer, antifungal and antibacterial activity. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 125-134.	4.7	170
3	Applications of green synthesized Ag, ZnO and Ag/ZnO nanoparticles for making clinical antimicrobial wound-healing bandages. <i>Sustainable Chemistry and Pharmacy</i> , 2018, 10, 9-15.	3.3	160
4	Simple biosynthesis of zinc oxide nanoparticles using nature's source, and it's in vitro bio-activity. <i>Journal of Molecular Structure</i> , 2017, 1146, 96-103.	3.6	149
5	Core@shell Nanoparticles: Greener Synthesis Using Natural Plant Products. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 411.	2.5	135
6	Rectangular shaped zinc oxide nanoparticles: Green synthesis by Stevia and its biomedical efficiency. <i>Ceramics International</i> , 2018, 44, 15596-15602.	4.8	131
7	Effect of nickel oxide nanoparticles as a photocatalyst in dyes degradation and evaluation of effective parameters in their removal from aqueous environments. <i>Inorganic Chemistry Communication</i> , 2020, 115, 107867.	3.9	128
8	Super-paramagnetic iron oxide nanoparticles (SPIONs): Greener synthesis using Stevia plant and evaluation of its antioxidant properties. <i>Journal of Cleaner Production</i> , 2019, 208, 1171-1177.	9.3	120
9	Green synthesis of zinc sulfide (ZnS) nanoparticles using Stevia rebaudiana Bertoni and evaluation of its cytotoxic properties. <i>Journal of Molecular Structure</i> , 2019, 1175, 214-218.	3.6	107
10	Plant-based synthesis of cerium oxide nanoparticles using <i>Rheum turkestanicum</i> extract and evaluation of their cytotoxicity and photocatalytic properties. <i>Materials Technology</i> , 2022, 37, 555-568.	3.0	104
11	Zinc oxide nanoparticles: Biosynthesis, characterization, antifungal and cytotoxic activity. <i>Materials Science and Engineering C</i> , 2019, 104, 109981.	7.3	100
12	Egg white-mediated green synthesis of NiO nanoparticles and study of their cytotoxicity and photocatalytic activity. <i>Polyhedron</i> , 2020, 178, 114351.	2.2	100
13	Synthesis of silver nanoparticles using seed exudates of <i>Sinapis arvensis</i> as a novel bioresource, and evaluation of their antifungal activity. <i>Bioresources and Bioprocessing</i> , 2015, 2, .	4.2	99
14	Potential drugs used in the antibody-drug conjugate (ADC) architecture for cancer therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 31-64.	4.1	97
15	Green synthesis of bimetallic ZnO-CuO nanoparticles and their cytotoxicity properties. <i>Scientific Reports</i> , 2021, 11, 23479.	3.3	88
16	Biosynthesis of bimetallic and core-shell nanoparticles: their biomedical applications – a review. <i>IET Nanobiotechnology</i> , 2018, 12, 879-887.	3.8	79
17	Copper/copper oxide nanoparticles synthesis using <i>Stachys lavandulifolia</i> and its antibacterial activity. <i>IET Nanobiotechnology</i> , 2017, 11, 709-713.	3.8	76
18	Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3053-3068.	5.2	74

#	ARTICLE	IF	CITATIONS
19	Green-based bio-synthesis of nickel oxide nanoparticles in Arabic gum and examination of their cytotoxicity, photocatalytic and antibacterial effects. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 404-414.	4.7	73
20	Plant-mediated green synthesis of silver nanoparticles using <i>Trifolium resupinatum</i> seed exudate and their antifungal efficacy on <i>Neofusicoccum parvum</i> and <i>Rhizoctonia solani</i> . <i>IET Nanobiotechnology</i> , 2016, 10, 237-243.	3.8	72
21	Nanotechnology-based approaches for effective detection of tumor markers: A comprehensive state-of-the-art review. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 356-383.	7.5	72
22	<i>Phoenix dactylifera</i> (date palm) pit aqueous extract mediated novel route for synthesis high stable silver nanoparticles with high antifungal and antibacterial activity. <i>IET Nanobiotechnology</i> , 2015, 9, 184-190.	3.8	67
23	Green synthesis of nickel oxide nanoparticles using <i>Salvia hispanica</i> L. (chia) seeds extract and studies of their photocatalytic activity and cytotoxicity effects. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2407-2415.	3.4	67
24	ZnO nanoparticles immobilized on the surface of stones to study the removal efficiency of 4-nitroaniline by the hybrid advanced oxidation process (UV/ZnO/O <sub>3</sub> ). <i>Journal of Molecular Structure</i> , 2019, 1176, 766-776.	3.6	66
25	Inhibitory effects of pyridoxal phosphate, ascorbate and aminoguanidine on nonenzymatic glycosylation. <i>Life Sciences</i> , 1988, 43, 1725-1731.	4.3	62
26	Applications of nano-materials in diverse dentistry regimes. <i>RSC Advances</i> , 2020, 10, 15430-15460.	3.6	62
27	<i>In vitro</i> and <i>in vivo</i> antifungal properties of silver nanoparticles against <i>Rhizoctonia solani</i> , a common agent of rice sheath blight disease. <i>IET Nanobiotechnology</i> , 2017, 11, 236-240.	3.8	61
28	Facile Biosynthesis of Silver Nanoparticles Using <i>Descurainia sophia</i> and Evaluation of Their Antibacterial and Antifungal Properties. <i>Journal of Cluster Science</i> , 2016, 27, 1601-1612.	3.3	57
29	Leishmanicidal Activity of Biogenic Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Scientia Pharmaceutica</i> , 2017, 85, 36.	2.0	56
30	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. <i>Iranian Journal of Biotechnology</i> , 2017, 15, 95-101.	0.3	53
31	Tragacanth-mediate synthesis of NiO nanosheets for cytotoxicity and photocatalytic degradation of organic dyes. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1209-1218.	3.4	53
32	Biosynthesis of spinel nickel ferrite nanowhiskers and their biomedical applications. <i>Scientific Reports</i> , 2021, 11, 17431.	3.3	53
33	Bimetallic nickel-ferrite nanorod particles: greener synthesis using rosemary and its biomedical efficiency. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 242-251.	2.8	49
34	Core-Shell Nanophotocatalysts: Review of Materials and Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 55-86.	5.0	49
35	MXenes and MXene-based Materials for the Removal of Water Pollutants: Challenges and Opportunities. <i>Comments on Inorganic Chemistry</i> , 2021, 41, 213-248.	5.2	48
36	Evaluation of a self-nanoemulsifying docetaxel delivery system. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2427-2433.	5.6	47

#	ARTICLE	IF	CITATIONS
37	Extracellular synthesis gold nanotriangles using biomass of <i>Streptomyces microflavus</i> . IET Nanobiotechnology, 2016, 10, 33-38.	3.8	46
38	Photo-Fenton like Catalyst System: Activated Carbon/CoFe <sub>2</sub> O <sub>4</sub> Nanocomposite for Reactive Dye Removal from Textile Wastewater. Applied Sciences (Switzerland), 2019, 9, 963.	2.5	45
39	A study on the photocatalytic degradation of <i>p</i> -Nitroaniline on glass plates by Thermo-Immobilized ZnO nanoparticle. Inorganic and Nano-Metal Chemistry, 2020, 50, 124-135.	1.6	45
40	The synthesis, characterization, DNA/BSA/HSA interactions, molecular modeling, antibacterial properties, and <i>in vitro</i> cytotoxic activities of novel parent and niosome nano-encapsulated Ho( <i>scp</i> ) complexes. RSC Advances, 2020, 10, 22891-22908.	3.6	45
41	Cytotoxic activity of biosynthesized Ag Nanoparticles by <i>Plantago major</i> towards a human breast cancer cell line. Rendiconti Lincei, 2017, 28, 693-699.	2.2	44
42	Biosynthesis, Magnetic and Cytotoxic Studies of Hematite Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 767-774.	3.7	44
43	Nickel-doped cerium oxide nanoparticles: biosynthesis, cytotoxicity and UV protection studies. RSC Advances, 2020, 10, 3967-3977.	3.6	43
44	Bacterial Biosynthesis of Gold Nanoparticles Using <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhi Isolated from Blood and Stool Specimens of Patients. Journal of Cluster Science, 2017, 28, 2997-3007.	3.3	42
45	Green synthesis of colloidal selenium nanoparticles in starch solutions and investigation of their photocatalytic, antimicrobial, and cytotoxicity effects. Bioprocess and Biosystems Engineering, 2021, 44, 1215-1225.	3.4	42
46	Direct growth of ternary copper nickel cobalt oxide nanowires as binder-free electrode on carbon cloth for nonenzymatic glucose sensing. Microchemical Journal, 2018, 142, 343-351.	4.5	41
47	Cockroach wings-promoted safe and greener synthesis of silver nanoparticles and their insecticidal activity. Bioprocess and Biosystems Engineering, 2019, 42, 2007-2014.	3.4	41
48	Nickel-Doped Cerium Oxide Nanoparticles: Green Synthesis Using <i>Stevia</i> and Protective Effect against Harmful Ultraviolet Rays. Molecules, 2019, 24, 4424.	3.8	40
49	Evaluation cytotoxicity effects of biosynthesized zinc oxide nanoparticles using aqueous <i>Linum Usitatissimum</i> extract and investigation of their photocatalytic activity. Inorganic Chemistry Communication, 2020, 119, 108066.	3.9	40
50	Synthesis, characterization, toxicity and morphology assessments of newly prepared microemulsion systems for delivery of valproic acid. Journal of Molecular Liquids, 2021, 338, 116625.	4.9	40
51	Inhibition of miR-155 in MCF7 breast cancer cell line by gold nanoparticles functionalized with antagomir and AS1411 aptamer. Journal of Cellular Physiology, 2020, 235, 6887-6895.	4.1	39
52	Sol-gel biosynthesis of nickel oxide nanoparticles using <i>Cydonia oblonga</i> extract and evaluation of their cytotoxicity and photocatalytic activities. Journal of Molecular Structure, 2020, 1217, 128378.	3.6	38
53	Green chemical approach for the synthesis of SnO <sub>2</sub> nanoparticles and its application in photocatalytic degradation of Eriochrome Black T dye. Optik, 2021, 242, 167152.	2.9	38
54	Cytotoxicity, leishmanicidal, and antioxidant activity of biosynthesised zinc sulphide nanoparticles using <i>Phoenix dactylifera</i> . IET Nanobiotechnology, 2018, 12, 264-269.	3.8	37

#	ARTICLE	IF	CITATIONS
55	The application of exosomes and Exosome-nanoparticle in treating brain disorders. Journal of Molecular Liquids, 2022, 350, 118549.	4.9	37
56	Biosynthesis of lead oxide and cerium oxide nanoparticles and their cytotoxic activities against colon cancer cell line. Inorganic Chemistry Communication, 2021, 131, 108800.	3.9	36
57	Biosynthesis of silver-doped nickel oxide nanoparticles and evaluation of their photocatalytic and cytotoxicity properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	35
58	Cerium oxide nanoparticles: green synthesis using Banana peel, cytotoxic effect, UV protection and their photocatalytic activity. Bioprocess and Biosystems Engineering, 2021, 44, 1891-1899.	3.4	35
59	Copper Oxide Nanoparticles Greener Synthesis Using Tea and its Antifungal Efficiency on <i>Fusarium solani</i> . Geomicrobiology Journal, 2019, 36, 777-781.	2.0	34
60	Cytotoxicity evaluation of green synthesized ZnO and Ag-doped ZnO nanoparticles on brain glioblastoma cells. Journal of Molecular Structure, 2022, 1251, 131962.	3.6	34
61	Protective effects of pharmacological agents against aminoglycoside-induced nephrotoxicity: A systematic review. Expert Opinion on Drug Safety, 2020, 19, 167-186.	2.4	33
62	Stachys lavandulifolia and Lathyrus sp. Mediated for Green Synthesis of Silver Nanoparticles and Evaluation Its Antifungal Activity Against Dothiorella sarmentorum. Journal of Cluster Science, 2016, 27, 1613-1628.	3.3	32
63	Protocol encompassing ultrasound/Fe <sub>3</sub> O <sub>4</sub> nanoparticles/persulfate for the removal of tetracycline antibiotics from aqueous environments. Clean Technologies and Environmental Policy, 2019, 21, 1665-1674.	4.1	32
64	Green and Eco-Friendly Synthesis of Nanophotocatalysts: An Overview. Comments on Inorganic Chemistry, 2021, 41, 133-187.	5.2	32
65	Associated-risk determinants for anthroponotic cutaneous leishmaniasis treated with meglumine antimoniate: A cohort study in Iran. PLoS Neglected Tropical Diseases, 2019, 13, e0007423.	3.0	31
66	Simplification of gold nanoparticle synthesis with low cytotoxicity using a greener approach: opening up new possibilities. RSC Advances, 2021, 11, 3288-3294.	3.6	31
67	MXenes and MXene-based Materials with Cancer Diagnostic Applications: Challenges and Opportunities. Comments on Inorganic Chemistry, 2022, 42, 174-207.	5.2	31
68	Cytotoxicity evaluation of environmentally friendly synthesis Copper/Zinc bimetallic nanoparticles on MCF-7 cancer cells. Rendiconti Lincei, 2022, 33, 441-447.	2.2	28
69	Na <sup>+</sup> -Linked Active Transport of Ascorbate into Cultured Bovine Retinal Pigment Epithelial Cells: Heterologous Inhibition by Glucose. Membrane Biochemistry, 1987, 7, 115-130.	0.6	27
70	Experimental data on the removal of phenol by electro-H <sub>2</sub> O <sub>2</sub> in presence of UV with response surface methodology. MethodsX, 2019, 6, 1188-1193.	1.6	27
71	Efficiency of novel Fe/charcoal/ultrasonic micro-electrolysis strategy in the removal of Acid Red 18 from aqueous solutions. Journal of Environmental Chemical Engineering, 2020, 8, 103553.	6.7	27
72	Cytotoxicity properties of plant-mediated synthesized K-doped ZnO nanostructures. Bioprocess and Biosystems Engineering, 2022, 45, 97-105.	3.4	27

#	ARTICLE	IF	CITATIONS
73	Anticancer Drug-Loading Capacity of Green Synthesized Porous Magnetic Iron Nanocarrier and Cytotoxic Effects Against Human Cancer Cell Line. <i>Journal of Cluster Science</i> , 2023, 34, 467-477.	3.3	27
74	Evaluation of Antifungal and Photocatalytic Activities of Gelatin-Stabilized Selenium Oxide Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3036-3044.	3.7	26
75	Simulation, In Vitro, and In Vivo Cytotoxicity Assessments of Methotrexate-Loaded pH-Responsive Nanocarriers. <i>Polymers</i> , 2021, 13, 3153.	4.5	26
76	Massive Follicular Lymphoid Hyperplasia in Experimental Allergic Conjunctivitis. <i>JAMA Ophthalmology</i> , 1989, 107, 433.	2.4	25
77	In vitro and ex vivo scolical effects of <i>Olea europaea</i> L. to inactivate the protoscolecs during hydatid cyst surgery. <i>Annals of Medicine and Surgery</i> , 2019, 42, 7-10.	1.1	25
78	Host's immune response in unresponsive and responsive patients with anthroponotic cutaneous leishmaniasis treated by meglumine antimoniate: A case-control study of Th1 and Th2 pathways. <i>International Immunopharmacology</i> , 2019, 69, 321-327.	3.8	25
79	Cytotoxic and antifungal studies of biosynthesized zinc oxide nanoparticles using extract of <i>Prosopis farcta</i> fruit. <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 27-33.	4.7	25
80	Efficacy and safety of <i>Curcuma longa</i> essential oil to inactivate hydatid cyst protoscoleces. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 187.	3.7	24
81	Magnetic cobalt oxide nanosheets: green synthesis and in vitro cytotoxicity. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1423-1432.	3.4	23
82	Ceramic magnetic ferrite nanoribbons: Eco-friendly synthesis and their antifungal and parasiticidal activity. <i>Ceramics International</i> , 2022, 48, 3448-3454.	4.8	23
83	Eco-friendly synthesis of carbon nanotubes and their cancer theranostic applications. <i>Materials Advances</i> , 2022, 3, 4765-4782.	5.4	23
84	Green synthesis of spinel copper ferrite ( $\text{CuFe}_2\text{O}_4$ ) nanoparticles and their toxicity. <i>Nanotechnology Reviews</i> , 2022, 11, 2483-2492.	5.8	23
85	Calcium carbonate nanowires: greener biosynthesis and their leishmanicidal activity. <i>RSC Advances</i> , 2020, 10, 38063-38068.	3.6	22
86	Theranostic applications of metal-organic frameworks (MOFs)-based materials in brain disorders: Recent advances and challenges. <i>Inorganic Chemistry Communication</i> , 2021, 134, 108997.	3.9	22
87	Antifungal and antibacterial activity of densely dispersed silver nanospheres with homogeneity size which synthesized using chicory: An in vitro study. <i>Journal De Mycologie Medicale</i> , 2018, 28, 637-644.	1.5	21
88	MXenes for antimicrobial and antiviral applications: recent advances. <i>Materials Technology</i> , 2022, 37, 1890-1905.	3.0	20
89	Optimization of Bit Geometry and Multi-Reader Geometry for Two-Dimensional Magnetic Recording. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-7.	2.1	19
90	Constrained coding and detection for TDMR using generalized belief propagation. , 2014, , .		18

#	ARTICLE	IF	CITATIONS
91	Quantum dots against SARS-CoV-2: diagnostic and therapeutic potentials. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1640-1654.	3.2	18
92	Ferromagnetic nickel (II) oxide (NiO) nanoparticles: biosynthesis, characterization and their antibacterial activities. <i>Rendiconti Lincei</i> , 2022, 33, 127-134.	2.2	18
93	Regulation of uptake of inositol by glucose in cultured retinal pigment epithelial cells. <i>Biochemistry and Cell Biology</i> , 1988, 66, 951-957.	2.0	17
94	Electrochemical biosensing of 16s rRNA gene sequence of <i>Enterococcus faecalis</i> . <i>Biosensors and Bioelectronics</i> , 2019, 142, 111541.	10.1	16
95	A Study of TDMR Signal Processing Opportunities Based on Quasi-Micromagnetic Simulations. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-7.	2.1	15
96	Optimizing the photocatalytic process of removing diazinon pesticide from aqueous solutions and effluent toxicity assessment via a response surface methodology approach. <i>Rendiconti Lincei</i> , 2019, 30, 155-165.	2.2	15
97	Green Synthesis and Characterization of Copper Nanoparticles and Their Effects on Liver Function and Hematological Parameters in Mice. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 412-416.	1.4	15
98	Iron oxyhydroxide nanoparticles: green synthesis and their cytotoxicity activity against A549 human lung adenocarcinoma cells. <i>Rendiconti Lincei</i> , 2022, 33, 461-469.	2.2	15
99	Metallic SPIONP/AgNP synthesis using a novel natural source and their antifungal activities. <i>RSC Advances</i> , 2020, 10, 29737-29744.	3.6	14
100	Preparation and Applications of Superparamagnetic Iron Oxide Nanoparticles in Novel Drug Delivery Systems: An Overview. <i>Current Medicinal Chemistry</i> , 2021, 28, 777-799.	2.4	14
101	Carrier-dependent and carrier-independent uptake of myo-inositol in cultured retinal pigment epithelial cells: activation by heat and concentration. <i>Biochemistry and Cell Biology</i> , 1988, 66, 942-950.	2.0	13
102	Barium carbonate nanostructures: Biosynthesis and their biomedical applications. <i>Ceramics International</i> , 2021, 47, 21045-21050.	4.8	13
103	Leishmanicidal activities of biosynthesized BaCO <sub>3</sub> (witherite) nanoparticles and their biocompatibility with macrophages. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1957-1964.	3.4	12
104	K-doped ZnO nanostructures: biosynthesis and parasitocidal application. <i>Journal of Materials Research and Technology</i> , 2021, 15, 5445-5451.	5.8	11
105	Biosynthesis of Ag nanoparticles using <i>Salicornia bigelovii</i> and its antibacterial activity. <i>Electronic Physician</i> , 2018, 10, 6733-6740.	0.2	10
106	Greener synthesis of Rod Shaped Zinc Oxide Nanoparticles using <i>Lilium ledebourii</i> tuber and evaluation of their Leishmanicidal activity. <i>Iranian Journal of Biotechnology</i> , 2020, 18, e2196.	0.3	10
107	Drug delivery and anticancer activity of biosynthesised mesoporous Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>IET Nanobiotechnology</i> , 2022, 16, 85-91.	3.8	10
108	Naltrexone; as an efficient adjuvant in induction of Th1 immunity and protection against <i>Fasciola hepatica</i> infection. <i>Experimental Parasitology</i> , 2018, 189, 66-71.	1.2	9

#	ARTICLE	IF	CITATIONS
109	Prevalence and associated risk factors of <i>Cystoisospora belli</i> and <i>Cyclospora cayentanensis</i> infection among Iranian patients with colorectal cancer. <i>Journal of Parasitic Diseases</i> , 2019, 43, 402-405.	1.0	9
110	Biogenic Silver Nanoparticles/Hydrogen Peroxide/Ozone: Efficient Degradation of Reactive Blue 19. <i>BioNanoScience</i> , 2020, 10, 34-41.	3.5	9
111	Regulation of MI Transport in Retinal Pigment Epithelium by Sugars, Amiloride, and pH Gradients: Potential Impairment of Pump-Leak Balance in Diabetic Maculopathy. <i>Membrane Biochemistry</i> , 1990, 9, 279-292.	0.6	8
112	Direct Regulation of Na <sup>+</sup> -Dependent Inositol Transport by Sugars in Retinal Pigment Epithelium: Role of Phorbol Ester and Staurosporin. <i>Membrane Biochemistry</i> , 1990, 9, 263-277.	0.6	8
113	Detection for Two-Dimensional Magnetic Recording Systems. <i>Journal of Communications</i> , 2013, 8, 233-239.	1.6	8
114	Symmetric information rate estimation and bit aspect ratio optimization for TDMR using Generalized Belief Propagation. , 2015, , .		7
115	Prevalence and associated risk factors of intestinal helminthic infections in children from Lorestan province, Western Iran. <i>Parasite Epidemiology and Control</i> , 2020, 9, e00136.	1.8	7
116	Evaluation of Antibacterial Activity of Iron Oxide Nanoparticles Against <i>Escherichia coli</i> . <i>International Journal of Basic Science in Medicine</i> , 2017, 2, 166-169.	0.3	7
117	The Phosphorylation of IRS1 <sup>S307</sup> and Akt <sup>S473</sup> Molecules in Insulin-Resistant C2C12 Cells Induced with Palmitate Is Influenced by Epigallocatechin Gallate from Green Tea. <i>Lipids</i> , 2019, 54, 141-148.	1.7	6
118	Affecting Factors of Knowledge-Based Companies Using Fuzzy AHP Model, Case Study Tehran University Enterprise Park. <i>Journal of the Knowledge Economy</i> , 2020, 11, 574-592.	4.4	6
119	Degradation of Ciprofloxacin Using Ultrasound/ZnO/Oxone Process from Aqueous Solution-Lab-Scale Analysis and Optimization. <i>BioNanoScience</i> , 2021, 11, 306-313.	3.5	6
120	Efficacy and Safety of Boiss Essential Oil against Acute Toxoplasmosis in Mice. <i>Iranian Journal of Parasitology</i> , 2020, 15, 22-30.	0.6	6
121	Kinetics of Inositol Transport in Corneal Endothelial Cells: Diverse Effects of Sugars and Implications in Corneal Deutergence. <i>Membrane Biochemistry</i> , 1990, 9, 91-106.	0.6	5
122	Cytotoxic and Antileishmanial Effects of Various Extracts of <i>Capparis spinosa</i> L. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021, 18, 146-150.	1.4	5
123	<i>Linguatula serrata</i> in cattle in southeastern Iran: Epidemiological, histopathological and phylogenetic profile and its zoonotic importance. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2020, 22, 100465.	0.5	5
124	Information Rates of Constrained TDMR Channels Using Generalized Belief Propagation. , 2015, , .		4
125	Comparison of Two-Reader and Three-Reader 2-D Magnetic Recording Systems. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-8.	2.1	4
126	Investigating the sequential patterns of methamphetamine use initiation in Iran. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2020, 15, 52.	2.2	4

#	ARTICLE	IF	CITATIONS
127	In Vitro Antifungal Activity of Green Synthesized Silver Nanoparticles in Comparison to Conventional Antifungal Drugs Against <i>Trichophyton Interdigitale</i> , <i>Trichophyton Rubrum</i> and <i>Epidermophyton Floccosum</i> . <i>Infectious Disorders - Drug Targets</i> , 2021, 21, 370-374.	0.8	4
128	Anticancer Property of Lanthanide Sulfate Nanostructure Against Neuroblastoma-Neuro2a Cell Line. <i>BioNanoScience</i> , 2021, 11, 696-702.	3.5	4
129	Study of photodegradation performance and ability of lead removal of green synthesised maghemite nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	3.3	4
130	Information Rates of Constrained TDMR Channels Using Generalized Belief Propagation. , 2014, , .		3
131	The inhibitory effect of <i>Tamarix hispida</i> mediated silver nanoparticles on Cyclin D1 protein expression of human cancer cells line. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 1144-1149.	1.6	3
132	CeO <sub>2</sub> foam-like nanostructure: biosynthesis and their efficient removal of hazardous dye. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 517-523.	3.4	3
133	Thermal Stability Investigation of Synthesized Epoxy-Polyurethane/Silica Nanocomposites. <i>Silicon</i> , 2022, 14, 7541-7554.	3.3	3
134	GBP-based detection and symmetric information rate for rectangular-grain TDMR model. , 2014, , .		2
135	Check-hybrid GLDPC codes: Systematic elimination of trapping sets and guaranteed error correction capability. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016, 27, 1679-1692.	3.9	1
136	A Survey on the Adjuvant Role of Naloxone Alone or Combined with Alum in Vaccination Against Fasciolosis in BALB/c Mice. <i>Acta Parasitologica</i> , 2019, 64, 236-245.	1.1	1
137	Clinical and laboratory evaluation of cured and non-cured patients with cutaneous leishmaniasis treated by Glucantime. <i>Journal of Vector Borne Diseases</i> , 2019, 56, 351.	0.4	1
138	The Prevalence and Associated Risk Factors of Intestinal Protozoan Parasites in Iranian Children with Hypereosinophilia. <i>Iranian Journal of Public Health</i> , 2021, 50, 1074-1076.	0.5	0