

Mohammad Sadegh Amiri

List of Publications by Year in descending order

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58
papers

1,868
citations

201385

27
h-index

276539

41
g-index

58
all docs

58
docs citations

58
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.5	104
2	Plant-Based Gums and Mucilages Applications in Pharmacology and Nanomedicine: A Review. <i>Molecules</i> , 2021, 26, 1770.	1.7	95
3	Preparation of cerium oxide nanoparticles in <i>Salvia Macrosiphon Boiss</i> seeds extract and investigation of their photo-catalytic activities. <i>Ceramics International</i> , 2019, 45, 4790-4797.	2.3	86
4	Plant-based synthesis of NiO nanoparticles using <i>salvia macrosiphon Boiss</i> extract and examination of their water treatment. <i>Rare Metals</i> , 2020, 39, 1134-1144.	3.6	83
5	Nanoceria: Gum mediated synthesis and in vitro viability assay. <i>Ceramics International</i> , 2014, 40, 2863-2868.	2.3	80
6	Ethnobotany, Phytochemistry and Traditional Uses of <i>Curcuma</i> spp. and Pharmacological Profile of Two Important Species (<i>C. longa</i> and <i>C. zedoaria</i>): A Review. <i>Current Pharmaceutical Design</i> , 2019, 25, 871-935.	0.9	77
7	Gum Tragacanth (GT): A Versatile Biocompatible Material beyond Borders. <i>Molecules</i> , 2021, 26, 1510.	1.7	73
8	Silver-zinc oxide nanocomposite: From synthesis to antimicrobial and anticancer properties. <i>Ceramics International</i> , 2021, 47, 21490-21497.	2.3	72
9	Ethnobotanical investigation of traditional medicinal plants commercialized in the markets of Mashhad, Iran. <i>Avicenna Journal of Phytomedicine</i> , 2013, 3, 254-71.	0.1	70
10	Eco-friendly and plant-based synthesis of silver nanoparticles using <i>Allium giganteum</i> and investigation of its bactericidal, cytotoxicity, and photocatalytic effects. <i>Materials Technology</i> , 2019, 34, 490-497.	1.5	69
11	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.	1.7	67
12	Phytochemistry, Traditional Uses and Pharmacological Profile of Rose Hip: A Review. <i>Current Pharmaceutical Design</i> , 2019, 24, 4101-4124.	0.9	63
13	Ethno-medicinal plants used to cure jaundice by traditional healers of mashhad, iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 157-62.	0.3	58
14	Effects of a standardized extract of <i>Rheum turkestanicum</i> Janischew root on diabetic changes in the kidney, liver and heart of streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 605-611.	2.5	56
15	Bioassay-guided purification of α -amylase, α -glucosidase inhibitors and DPPH radical scavengers from roots of <i>Rheum turkestanicum</i> . <i>Industrial Crops and Products</i> , 2018, 117, 303-309.	2.5	55
16	Applications of plant-based nanoparticles in nanomedicine: A review. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100606.	1.6	55
17	Green Synthesis of Silver Nanoparticles Using <i>Helichrysum graveolens</i> for Biomedical Applications and Wastewater Treatment. <i>BioNanoScience</i> , 2020, 10, 1121-1127.	1.5	44
18	Role of <i>Ribes khorassanicum</i> in the biosynthesis of AgNPs and their antibacterial properties. <i>IET Nanobiotechnology</i> , 2019, 13, 189-192.	1.9	40

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19	Ethnobotanical knowledge of Apiaceae family in Iran: A review. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 621-635.	0.1	39
20	Stem cell therapy in the heart: Biomaterials as a key route. <i>Tissue and Cell</i> , 2021, 71, 101504.	1.0	37
21	Anticancer, antimicrobial, and dye degradation activity of biosynthesised silver nanoparticle using <i>Artemisia kopetdaghensis</i> . <i>Micro and Nano Letters</i> , 2020, 15, 1046-1050.	0.6	37
22	Plant-based synthesis of silver nanoparticles in <i>Handelia trichophylla</i> and their biological activities. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	36
23	Biological synthesis of silver nanoparticles in <i>Tribulus terrestris</i> L. extract and evaluation of their photocatalyst, antibacterial, and cytotoxicity effects. <i>Research on Chemical Intermediates</i> , 2019, 45, 2915-2925.	1.3	36
24	Phyto-synthesis of silver nanoparticles using aerial extract of <i>Salvia leriifolia</i> Benth and evaluation of their antibacterial and photo-catalytic properties. <i>Research on Chemical Intermediates</i> , 2019, 45, 1105-1116.	1.3	36
25	Nanotechnology for inflammatory bowel disease management: Detection, imaging and treatment. <i>Sensing and Bio-Sensing Research</i> , 2021, 32, 100417.	2.2	33
26	Antimycobacterial, Anticancer, Antioxidant and Photocatalytic Activity of Biosynthesized Silver Nanoparticles Using <i>Berberis Integerrima</i> . <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2022, 46, 1-11.	0.7	33
27	Medicinal plants and phytotherapy in Iran: Glorious history, current status and future prospects. <i>Plant Science Today</i> , 2021, 8, 95-111.	0.4	32
28	The Expression of Antioxidant Genes and Cytotoxicity of Biosynthesized Cerium Oxide Nanoparticles Against Hepatic Carcinoma Cell Line. <i>Avicenna Journal of Medical Biochemistry</i> , 2019, 7, 16-20.	0.5	29
29	Bio-indicators in cadmium toxicity: Role of HSP27 and HSP70. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26359-26379.	2.7	28
30	Taxonomic evaluation of misidentification of crude herbal drugs marketed in Iran. <i>Avicenna Journal of Phytomedicine</i> , 2012, 2, 105-12.	0.1	28
31	Cytotoxic and Apoptotic Potential of <i>Rheum turkestanicum</i> Janisch Root Extract on Human Cancer and Normal Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 811-9.	0.3	22
32	The genus <i>Crocus</i> L.: A review of ethnobotanical uses, phytochemistry and pharmacology. <i>Industrial Crops and Products</i> , 2021, 171, 113923.	2.5	20
33	Ethnopharmacological studies of medicinal plants in central Zagros, Lorestan Province, Iran. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114080.	2.0	18
34	Biocomponents and Antioxidant Activity of <i>Ribes khorasanicum</i> . <i>International Journal of Basic Science in Medicine</i> , 2018, 3, 99-103.	0.1	17
35	Pharmacological properties of <i>Rheum turkestanicum</i> Janisch. <i>Heliyon</i> , 2019, 5, e01986.	1.4	13
36	Ethnobotany, Phytochemistry and Pharmacological Features of <i>Centella asiatica</i> : A Comprehensive Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 451-499.	0.8	13

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37	Ethnobotanical knowledge of spp.: The world's largest genus of vascular plants. <i>Avicenna Journal of Phytomedicine</i> , 2020, 10, 128-142.	0.1	13
38	Ethnobotanical Uses, Phytochemistry and Pharmacology of Different Rheum Species (Polygonaceae): A Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 309-352.	0.8	12
39	Phytochemistry and therapeutic effects of <i>Alhagi</i> spp. and tarangabin in the Traditional and modern medicine: a review. <i>Journal of HerbMed Pharmacology</i> , 2020, 9, 86-104.	0.4	11
40	Ethnobotanical and phytochemical aspects of the edible herb <i>Coriandrum sativum</i> L. <i>Journal of Food Science</i> , 2022, 87, 1386-1422.	1.5	11
41	A Review of Conifers in Iran: Chemistry, Biology and their Importance in Traditional and Modern Medicine. <i>Current Pharmaceutical Design</i> , 2020, 26, 1584-1613.	0.9	9
42	Acute and sub-acute toxicity evaluation of the root extract of <i>Rheum turkestanicum</i> Janisch. <i>Drug and Chemical Toxicology</i> , 2020, 43, 609-615.	1.2	8
43	An ethnobotanical survey of medicinal plants used by indigenous people in Zangelanlo district, Northeast Iran. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	8
44	Ethnobotany, Phytochemistry, Traditional and Modern Uses of <i>Actaea racemosa</i> L. (Black cohosh): A Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 403-449.	0.8	7
45	Medicinal Species of the Genus <i>Berberis</i> : A Review of Their Traditional and Ethnomedicinal Uses, Phytochemistry and Pharmacology. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 547-577.	0.8	6
46	Cytotoxic and apoptogenic effects of root extract against Hela and HN-5 cancer cell lines. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 66-72.	0.1	6
47	Composition and Antibacterial Activity of the Essential Oil of <i>Phlomidioschema parviflorum</i> from Iran. <i>Chemistry of Natural Compounds</i> , 2015, 51, 366-368.	0.2	4
48	Genus <i>Rosa</i> : A Review of Ethnobotany, Phytochemistry and Traditional Aspects According to Islamic Traditional Medicine (ITM). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 353-401.	0.8	4
49	Evaluation Potential Antidiabetic Effects of <i>Ferula latisecta</i> in Streptozotocin-Induced Diabetic Rats. <i>Journal of Pharmacopuncture</i> , 2020, 23, 158-164.	0.4	4
50	Perovskanol, a new sesquiterpenoid with an unprecedented skeleton from <i>Perovskia Abrotanoides</i> . <i>Natural Product Research</i> , 2021, 35, 2515-2519.	1.0	3
51	Therapeutic Effect, Chemical Composition, Ethnobotanical Profile of <i>Eucalyptus globulus</i> : A Review. <i>Letters in Organic Chemistry</i> , 2021, 18, 419-452.	0.2	3
52	Ethnomedicinal Uses, Phytochemistry and Pharmacology of <i>Dorema</i> Species (Apiaceae): A Review. <i>Journal of Pharmacopuncture</i> , 2020, 23, 91-123.	0.4	3
53	Saffron: The Golden Spice. <i>Science of Spices & Herbs</i> , 2019, , 1-29.	0.2	2
54	The genus <i>Spryginia</i> (Brassicaceae) in Iran and Afghanistan. <i>Phytotaxa</i> , 2018, 334, 225.	0.1	0

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55	Ethnomedicinal Uses, Phytochemistry and Pharmacology of Different Cichorium Species (Asteraceae): A Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 501-546.	0.8	0
56	Potentiating effects of Karel. on pentobarbital-induced sleep. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 214-222.	0.1	0
57	Evaluation Potential Antidiabetic Effects of in Streptozotocin-Induced Diabetic Rats. <i>Journal of Pharmacopuncture</i> , 2020, 23, 158-164.	0.4	0
58	A study of <i>Ungernia trisphaera</i> Bunge and <i>Thymus transcaspicus</i> cytotoxicity in MCF7, U87, PC3, and B16F10 cancer cell lines. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.4	0