

# Hassan Rezadoost

## List of Publications by Year in descending order

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56  
papers

771  
citations

567247

15  
h-index

610883

24  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1120  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\beta^3$ -Aminobutyric acid confers cadmium tolerance in maize plants by concerted regulation of polyamine metabolism and antioxidant defense systems. <i>Scientific Reports</i> , 2020, 10, 3356.	3.3	68
2	Isolation and characterization of <i>Stemphylium sedicola</i> SBU-16 as a new endophytic taxol-producing fungus from <i>Taxus baccata</i> grown in Iran. <i>FEMS Microbiology Letters</i> , 2012, 328, 122-129.	1.8	54
3	A comparative quality study of saffron constituents through HPLC and HPTLC methods followed by isolation of crocins and picrocrocin. <i>LWT - Food Science and Technology</i> , 2017, 84, 1-9.	5.2	52
4	Proteomics of hot-wet and cold-dry temperaments proposed in Iranian traditional medicine: a Network-based Study. <i>Scientific Reports</i> , 2016, 6, 30133.	3.3	40
5	Quantitative HPLC-based metabolomics of some Iranian saffron ( <i>Crocus sativus</i> L.) accessions. <i>Industrial Crops and Products</i> , 2018, 118, 26-29.	5.2	38
6	Analysis of 6-methoxy podophyllotoxin and podophyllotoxin in hairy root cultures of <i>Linum album</i> Kotschy ex Boiss. <i>Medicinal Chemistry Research</i> , 2013, 22, 745-752.	2.4	32
7	Untargeted metabolomic profiling of seminal plasma in nonobstructive azoospermia men: A noninvasive detection of spermatogenesis. <i>Biomedical Chromatography</i> , 2017, 31, e3931.	1.7	29
8	Efficacy of Persian medicine herbal formulations (capsules and decoction) compared to standard care in patients with COVID-19, a multicenter open-label, randomized, controlled clinical trial. <i>Phytotherapy Research</i> , 2021, 35, 6295-6309.	5.8	29
9	Effect of photoperiod and plant growth regulators on in vitro mass bulblet proliferation of <i>Narcissus tazetta</i> L. ( <i>Amaryllidaceae</i> ), a potential source of galantamine. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 142, 187-199.	2.3	26
10	A bioassay-guided fractionation scheme for characterization of new antibacterial compounds from <i>Prosopis cineraria</i> aerial parts. <i>Iranian Journal of Microbiology</i> , 2016, 8, 1-7.	0.8	26
11	Identification of bacteria using volatile organic compounds. <i>Cellular and Molecular Biology</i> , 2017, 63, 112.	0.9	23
12	Seasons Study of Four Important Taxanes and Purification of 10-Deacetylbaccatin III from the Needles of <i>Taxus baccata</i> L. by Two-Dimensional Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 1434-1447.	1.0	19
13	Identification and antioxidant of polyhydroxylated naphthoquinone pigments from sea urchin pigments of <i>Echinometra mathaei</i> . <i>Medicinal Chemistry Research</i> , 2016, 25, 1476-1483.	2.4	19
14	Antitrypanosomal Isothiocyanate and Thiocarbamate Glycosides from <i>Moringa peregrina</i> . <i>Planta Medica</i> , 2014, 80, 86-89.	1.3	18
15	In vitro study of antioxidant and antibacterial activities of <i>Lactobacillus</i> probiotic spp.. <i>Folia Microbiologica</i> , 2018, 63, 31-42.	2.3	17
16	Two-Dimensional Hydrophilic Interaction/Reversed-Phase Liquid Chromatography for the Preparative Separation of Polar and Non-polar Taxanes. <i>Phytochemical Analysis</i> , 2012, 23, 164-170.	2.4	16
17	Morphological and yield related traits, essential oil and oil production of different landraces of black cumin ( <i>Nigella sativa</i> ) in Iran. <i>Scientia Horticulturae</i> , 2018, 233, 1-8.	3.6	15
18	Proteomics and Traditional Medicine: New Aspect in Explanation of Temperaments. <i>Research in Complementary Medicine</i> , 2014, 21, 250-253.	2.2	14

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19	Evaluation of hydrophilic interaction liquid chromatography stationary phases for analysis of opium alkaloids. <i>Journal of Chromatography A</i> , 2017, 1511, 77-84.	3.7	14
20	Comparative essential oil composition and fatty acid profiling of some Iranian black cumin landraces. <i>Industrial Crops and Products</i> , 2019, 140, 111628.	5.2	13
21	Optimization of effective parameters in cold pasteurization of pomegranate juice by response surface methodology and evaluation of physicochemical characteristics. <i>LWT - Food Science and Technology</i> , 2021, 147, 111679.	5.2	13
22	Evaluation of a method for the simultaneous quantification of nitrosamines in water samples based on stir bar sorptive extraction combined with high performance liquid chromatography and diode array detection. <i>Journal of Separation Science</i> , 2015, 38, 1601-1609.	2.5	12
23	A click tyrosine zwitterionic stationary phases for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1621, 461045.	3.7	11
24	Initial study of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 2017, 6, 1415.	1.6	10
25	Enantioseparation of mandelic acid on vancomycin column: Experimental and docking study. <i>Chirality</i> , 2020, 32, 1289-1298.	2.6	10
26	Resistant/susceptible classification of respiratory tract pathogenic bacteria based on volatile organic compounds profiling. <i>Cellular and Molecular Biology</i> , 2018, 64, 6-15.	0.9	10
27	Quantification of galantamine in <i>Narcissus tazetta</i> and <i>Galanthus nivalis</i> (Amaryllidaceae) populations growing wild in Iran. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 188-192.	0.8	9
28	Identification of Celecoxib-Targeted Proteins Using Label-Free Thermal Proteome Profiling on Rat Hippocampus. <i>Molecular Pharmacology</i> , 2021, 99, 308-318.	2.3	9
29	Introducing <i>Alternaria tenuissima</i> SBU <sub>1</sub> , as an endophytic fungus of <i>Ferula assafoetida</i> from Iran, which is a rich source of rosmarinic acid. <i>Letters in Applied Microbiology</i> , 2021, 73, 569-578.	2.2	9
30	Diagnosis of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 2017, 6, 1415.	1.6	9
31	Drought tolerant maize cultivar accumulates putrescine in roots. <i>Rhizosphere</i> , 2020, 16, 100260.	3.0	8
32	Metabolomic signature of amino acids in plasma of patients with non-segmental Vitiligo. <i>Metabolomics</i> , 2021, 17, 92.	3.0	8
33	Carcinogenic and non-carcinogenic risk assessment induced by pesticide residues in honey of Iran based on Monte Carlo simulation. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104521.	3.9	8
34	Production of the Anticancer Compound Withaferin A from Genetically Transformed Hairy Root Cultures of <i>Withania Somnifera</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	7
35	Flower Biomass, Essential Oil Production and Chemotype Identification of Some Iranian <i>Matricaria chamomilla</i> Var. <i>recutita</i> (L.) Accessions and Commercial Varieties. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 1228-1240.	1.9	7
36	Serum metabolomics study of women with different annual decline rates of anti-Müllerian hormone: an untargeted gas chromatography-mass spectrometry-based study. <i>Human Reproduction</i> , 2021, 36, 721-733.	0.9	7

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37	Polarity-based fractionation in proteomics: hydrophilic interaction vs reversed-phase liquid chromatography. <i>Biomedical Chromatography</i> , 2016, 30, 1036-1041.	1.7	6
38	Variation of growth characters and rosmarinic acid content of cultivated <i>Satureja rechingeri</i> clones. <i>South African Journal of Botany</i> , 2019, 124, 320-328.	2.5	6
39	Simultaneous characterization of nine isolated flavonoids in Iranian <i>Dracocephalum</i> species and in silico study of their inhibitory properties against MTH1 enzyme. <i>South African Journal of Botany</i> , 2022, 146, 254-261.	2.5	6
40	Comprehensive proteomics and sialomics of the anti-proliferative activity of safranal on triple negative MDA-MB-231 breast cancer cell lines. <i>Journal of Proteomics</i> , 2022, 259, 104539.	2.4	6
41	Biocatalysts screening of <i>Papaver bracteatum</i> flora for thebaine transformation to codeine and morphine. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 9, 127-133.	3.1	5
42	Isolation, characterization, and antioxidant activity of neutral carbohydrates from <i>Astragalus arbusculus</i> gum. <i>South African Journal of Botany</i> , 2022, 146, 669-675.	2.5	5
43	Analysis of Annulated Sea Snake Venom, <i>Hydrophis Cyanocinctus</i> , Using Liquid Chromatography and MALDI-TOF/TOF. <i>Current Proteomics</i> , 2015, 12, 45-55.	0.3	4
44	A comparative study on the essential oil composition and antibacterial activities of different organs of wild growing <i>Paeonia daurica</i> subsp. <i>tomentosa</i> from Iran. <i>Natural Product Research</i> , 2019, 33, 3153-3156.	1.8	4
45	Initial study of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 0, 6, 1415.	1.6	4
46	The Combination Process for Preparative Separation and Purification of Paclitaxel and 10-Deacetylbaicatin III Using Diaion® Hp-20 Followed by Hydrophilic Interaction Based Solid Phase Extraction. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1396-1404.	0.5	4
47	Monitoring of Paclitaxel, Taxine B and 10-Deacetylbaicatin III in <i>Taxus baccata</i> L. by Nano LC-FTMS and NMR Spectroscopy. <i>Chromatographia</i> , 2010, 72, 833-839.	1.3	3
48	Coelomic fluid of <i>Echinometra mathaei</i> : The new prospects for medicinal antioxidants. <i>Fish and Shellfish Immunology</i> , 2021, 117, 311-319.	3.6	3
49	Evaluation of morphophysiological traits and essential oil production in Iranian genotypes and foreign varieties of Chamomile ( <i>Matricaria chamomilla</i> L.) through multivariate analyses. <i>Scientia Horticulturae</i> , 2021, 282, 110017.	3.6	2
50	A New Approach for Determining the Minimum Concentration of Proanthocyanidin for Preservation of Collagen in H Dentin. <i>European journal of prosthodontics and restorative dentistry</i> , The, 2019, 27, 154-163.	0.4	2
51	Quantification of galantamine in <i>Narcissus tazetta</i> and <i>Galanthus nivalis</i> (Amaryllidaceae) populations growing wild in Iran. CORRIGENDUM. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 288-288.	0.8	1
52	Serum metabolomics study of the association between dairy intake and the anti-inflammatory hormone annual decline rate. <i>Nutrition and Metabolism</i> , 2021, 18, 66.	3.0	1
53	Phytochemical Investigation of <i>Iphiona aucheri</i> . Structural Revision of Donine. <i>Chemistry of Natural Compounds</i> , 2019, 55, 902-907.	0.8	0
54	Extraction and Isolation of Antioxidant-Antibacterial Compounds From <i>Lactobacillus casei</i> Strain K1C by Thin-Layer Chromatography. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2021, 16, .	0.6	0

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55	Comprehensive HPLC-DAD based metabolomics analysis of Tanacetum species from Iran. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
56	Quantitative metabolomics of Iranian saffron based on their HPLC-DAD and MALDI-TOF-MS. <i>Planta Medica</i> , 2019, 85, .	1.3	0