

Majid Mohammadhosseini

List of Publications by Year in descending order

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87
papers

2,211
citations

185998

28
h-index

264894

42
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87
all docs

87
docs citations

87
times ranked

2013
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on liposomal nanoparticles: synthesis, characterization and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 788-799.	1.9	172
2	Chemical composition of the essential oils and extracts of <i>Achillea</i> species and their biological activities: A review. <i>Journal of Ethnopharmacology</i> , 2017, 199, 257-315.	2.0	127
3	Magnetic nanoparticles in cancer diagnosis and treatment: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1-5.	1.9	99
4	The genus <i>Ferula</i> : Ethnobotany, phytochemistry and bioactivities – A review. <i>Industrial Crops and Products</i> , 2019, 129, 350-394.	2.5	97
5	Construction of Tm ³⁺ -PVC membrane sensor based on 1-(2-thiazolylazo)-2-naphthol as sensing material. <i>Materials Science and Engineering C</i> , 2010, 30, 480-483.	3.8	63
6	The ethnobotanical, phytochemical and pharmacological properties and medicinal applications of essential oils and extracts of different <i>Ziziphora</i> species. <i>Industrial Crops and Products</i> , 2017, 105, 164-192.	2.5	58
7	Europium (III) PVC membrane sensor based on N-pyridine-2-carboxamido-8-aminoquinoline as a sensing material. <i>Materials Science and Engineering C</i> , 2012, 32, 447-451.	3.8	53
8	An update on applications of nanostructured drug delivery systems in cancer therapy: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1058-1068.	1.9	52
9	Two-stage biosorption of selenium from aqueous solution using dried biomass of the baker's yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 532-542.	3.3	51
10	Gadolinium(III) ion selective sensor using a new synthesized Schiff's base as a sensing material. <i>Materials Science and Engineering C</i> , 2012, 32, 712-717.	3.8	49
11	Chemical Composition of the Volatile Fractions from Flowers, Leaves and Stems of <i>Salvia mirzayanii</i> by HS-SPME-GC-MS. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 464-476.	0.7	46
12	Chemical composition of the essential oils from flowers, stems, and roots of <i>Salvia multicaulis</i> growing wild in Iran. <i>Chemistry of Natural Compounds</i> , 2008, 44, 127-128.	0.2	45
13	Green synthesis of NiO nanoparticles using <i>Calendula officinalis</i> extract: Chemical characterization, antioxidant, cytotoxicity, and anti-esophageal carcinoma properties. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103105.	2.3	44
14	Determination of Erbium Ions in Water Samples by a PVC Membrane Erbium-Ion Selective Electrode. <i>Sensor Letters</i> , 2010, 8, 303-307.	0.4	40
15	QSAR study of VEGFR-2 inhibitors by using genetic algorithm-multiple linear regressions (GA-MLR) and genetic algorithm-support vector machine (GA-SVM): a comparative approach. <i>Medicinal Chemistry Research</i> , 2015, 24, 3037-3046.	1.1	39
16	Chemical Composition of the Essential Oils and Volatile Fractions from Flowers, Stems and Roots of <i>Salvia multicaulis</i> Vahl. by Using MAHD, SFME and HS-SPME Methods. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 1360-1371.	0.7	38
17	Profiling of Compositions of Essential Oils and Volatiles of <i>Salvia limbata</i> Using Traditional and Advanced Techniques and Evaluation for Biological Activities of Their Extracts. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600361.	1.0	37
18	Quantitative Monitoring of Erbium Ion in Alloy Samples by a Erbium Selective Sensor. <i>Sensor Letters</i> , 2011, 9, 1745-1749.	0.4	37

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19	Characterization and Chemical Composition of the Volatile Oils from Aerial Parts of <i>Eryngium bungei</i> (Apiaceae) by Using Traditional Hydrodistillation, Microwave Assisted Hydrodistillation and Head Space Solid Phase Microextraction Methods Prior to GC and GC/MS Analyses: A Comparative Approach. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2013, 16, 613-623.	0.7	36
20	The genus <i>Perovskia</i> Kar.: ethnobotany, chemotaxonomy and phytochemistry: a review. <i>Toxin Reviews</i> , 2021, 40, 484-505.	1.5	36
21	Terbium(III) Ion-Selective Electrochemical Sensor Based on Hematoporphyrin. <i>Analytical Letters</i> , 2009, 42, 298-311.	1.0	33
22	Quantitative Monitoring of Thulium Ions by a New Thulium Selective Polymeric Membrane Sensor. <i>Sensor Letters</i> , 2012, 10, 112-116.	0.4	33
23	Erbium(III) PVC Membrane Ion-Selective Sensor based on 4-(2-Thiazolylazo)resorcinol. <i>Analytical Letters</i> , 2009, 42, 284-297.	1.0	32
24	Optimization of Microwave Assisted Hydrodistillation on Chemical Compositions of the Essential Oils from the Aerial Parts of <i>Thymus pubescens</i> and Comparison with Conventional Hydrodistillation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 884-893.	0.7	32
25	Ruta Essential Oils: Composition and Bioactivities. <i>Molecules</i> , 2021, 26, 4766.	1.7	31
26	Preconcentration, Determination and Speciation of Chromium(III) Using Solid Phase Extraction and Flame Atomic Absorption Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 549-557.	0.8	30
27	Fabrication of a PVC membrane samarium(III) sensor based on N,N,N'-tris(4-pyridyl)trimesic amide as a selectophore. <i>Materials Science and Engineering C</i> , 2013, 33, 870-874.	3.8	30
28	Chemical composition of the essential oils from the hulls of <i>Pistacia vera</i> L. by using magnetic nanoparticle-assisted microwave (MW) distillation: comparison with routine MW and conventional hydrodistillation. <i>Analytical Methods</i> , 2014, 6, 2572-2579.	1.3	29
29	Chemical Compositions of the Essential Oils from the Aerial Parts of <i>Achillea wilhelmsii</i> Using Traditional Hydrodistillation, Microwave Assisted Hydro-distillation and Solvent-Free Microwave Extraction Methods: Comparison with the Volatile Compounds Obtained by Headspace Solid-Phase Microextraction. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 59-75.	0.7	29
30	Chemical Composition of the Essential Oils from the Aerial Parts of <i>Artemisia sieberi</i> by Using Conventional Hydrodistillation and Microwave Assisted Hydrodistillation: A Comparative Study. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 32-45.	0.7	29
31	Preparation, Surface Properties, and Therapeutic Applications of Gold Nanoparticles in Biomedicine. <i>Drug Research</i> , 2017, 67, 77-87.	0.7	29
32	Chemical Composition of Essential Oils from Aerial Parts of <i>Ferula gummosa</i> (Apiaceae) in Jajarm Region, Iran Using Traditional Hydrodistillation and Solvent-Free Microwave Extraction Methods: A Comparative Approach. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 1321-1328.	0.7	28
33	Chemical Compositions of the Essential Oils and Volatile Compounds from the Aerial Parts of <i>Ferula ovina</i> Using Hydrodistillation, MAHD, SFME and HS-SPME Methods. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 747-757.	0.7	27
34	Hydrodistilled Volatile Oil Constituents of the Aerial Parts of <i>Prangos serpentina</i> (Rech.f.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Simulation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2011, 14, 559-573.	0.7	25
35	Chemical Composition of the Essential Oils and Volatiles of <i>Salvia leriifolia</i> by Three Different Extraction Methods Prior to Gas Chromatographic-Mass Spectrometric Determination: Comparison of HD with SFME and HS-SPME. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 410-425.	0.7	25
36	Solid Phase Extraction and Determination of Trace Amounts of Lead(II) Using Octadecyl Membrane Disks Modified by a New Schiff's Base and Flame Atomic Absorption Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1119-1128.	0.8	22

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37	Chemical Composition of the Volatile Oils from the Flowers, Stems and Leaves of <i>Prangos latiloba</i> Korov. Using the Head Space Solid Phase Microextraction Method Prior to Analysis by Gas Chromatography-Mass Spectrometry. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 328-335.	0.7	22
38	Prediction of antileukemia activity of berbamine derivatives by genetic algorithm—multiple linear regression. <i>Monatshefte für Chemie</i> , 2011, 142, 943-948.	0.9	21
39	Exploring Novel QSRRs for Simulation of Gas Chromatographic Retention Indices of Diverse Sets of Terpenoids in <i>Pistacia lentiscus</i> L. Essential Oil Using Stepwise and Genetic Algorithm Multiple Linear Regressions. <i>Analytical Chemistry Letters</i> , 2012, 2, 80-102.	0.4	21
40	Chemical Composition of the Essential Oil from Aerial Parts of <i>Ajuga chamaecistus</i> Ging. subsp. Scopria in Brackish Regions of Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2011, 14, 101-105.	0.7	20
41	Chemical Composition of the Essential Oil from Flowers, Leaves and Stems of <i>Haplophyllum perforatum</i> by Using Head Space Solid Phase Microextraction. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 506-515.	0.7	20
42	Chemical Composition of the Volatile Oils from the Aerial Parts of <i>Artemisia annua</i> L. (Asteraceae) by Using Head Space Solid Phase Microextraction and Hydrodistillation Methods Prior to Gas Chromatographic-Mass Spectrometric Determination: A Comparative Investigation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 926-933.	0.7	20
43	Ethnobotany and Phytochemistry of the genus <i>Eremostachys</i> Bunge. <i>Current Organic Chemistry</i> , 2019, 23, 1828-1842.	0.9	20
44	An overview of the genus <i>Aloysia</i> Paláu (Verbenaceae): Essential oil composition, ethnobotany and biological activities. <i>Natural Product Research</i> , 2022, 36, 5091-5107.	1.0	19
45	The Genus <i>Haplophyllum</i> Juss.: Phytochemistry and Bioactivities—A Review. <i>Molecules</i> , 2021, 26, 4664.	1.7	19
46	Hydrodistilled Volatile Oil from Stems of <i>Eryngium creticum</i> Lam. in the Marginal Brackish Regions of Semnan Province by Using Gas Chromatography Combined with Mass Spectrometry. <i>Asian Journal of Chemistry</i> , 2013, 25, 390-392.	0.1	18
47	Characterization of essential oils and volatiles from the aerial parts of <i>Mentha pulegium</i> L. (Lamiaceae) using microwave-assisted hydrodistillation (MAHD) and headspace solid phase microextraction (HS-SPME) in combination with GC-MS. <i>Natural Product Research</i> , 2023, 37, 338-342.	1.0	18
48	Chemical Composition of the Essential Oil from Leaves of <i>Biebersteinia multifida</i> DC. Growing Wild in Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2009, 12, 365-368.	0.7	17
49	Novel PSO-MLR Algorithm to Predict the Chromatographic Retention Behaviors of Natural Compounds. <i>Analytical Chemistry Letters</i> , 2013, 3, 226-248.	0.4	17
50	Application of HS-SPME, SDME and Cold-Press Coupled to GC/MS to Analysis the Essential Oils of <i>Citrus sinensis</i> CV. Thomson Navel and QSRR Study for Prediction of Retention Indices by Stepwise and Genetic Algorithm-Multiple Linear Regression Approaches. <i>Analytical Chemistry Letters</i> , 2014, 4, 93-103.	0.4	16
51	Gas Chromatographic-Mass Spectrometric Analysis of Volatiles Obtained by HS-SPME-GC-MS Technique from <i>Stachys lavandulifolia</i> and Evaluation for Biological Activity: A Review. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1300-1327.	0.7	16
52	Chemical Composition of the Essential Oils from Flowers and Leaves of <i>Marsdenia erecta</i> Using Microwave Assisted Hydrodistillation Technique. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 863-874.	0.7	16
53	Composition of the essential oil of <i>Hymenocallis platystegius</i> in Iran. <i>Chemistry of Natural Compounds</i> , 2009, 45, 448-449.	0.2	15
54	Iranian <i>Foeniculum vulgare</i> Essential Oil and Alcoholic Extracts: Chemical Composition, Antimicrobial, Antioxidant and Application in Olive Oil Preservation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1920-1931.	0.7	15

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55	Preconcentration and Determination of Chromium Species Using Octadecyl Silica Membrane Disks and Flame Atomic Absorption Spectrometry. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1859-1865.	2.6	14
56	Co-Loading of Cisplatin and Methotrexate in Nanoparticle-Based PCL-PEG System Enhances Lung Cancer Chemotherapy Effects. <i>Journal of Cluster Science</i> , 2022, 33, 1751-1762.	1.7	14
57	Chemical Composition of the Essential Oil from Aerial Parts of <i>Senecio gallicus</i> Chaix Growing Wild in Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 704-709.	0.7	13
58	A quantitative structure-activity relationship study of tetrabutylphosphonium bromide analogs as muscarinic acetylcholine receptors. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1117-1127.	0.4	13
59	Gas Chromatographic-Mass Spectrometric Analysis of Volatiles Obtained by HS-SPME-GC-MS Technique from Aerial Parts of <i>Ziziphora Capitata</i> L., and Evaluation for Biological Activity.. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1439-1451.	0.1	13
60	Hydro-distilled Volatile Oil Constituents from the Aerial Parts of <i>Satureja mutica</i> and QSRR Simulation by Multiple Linear Regression. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 307-320.	0.7	12
61	Composition of the Essential Oils and Volatile Fractions of <i>Artemisia absinthium</i> by Three Different Extraction Methods: Hydrodistillation, Solvent-Free Microwave Extraction and Headspace Solid-Phase Microextraction Combined with a Novel QSRR Evaluation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1561-1581.	0.7	11
62	Simultaneous Spectrophotometric Determination of Iron and Cobalt in Micellar Medium by Using a Principal Component Artificial Neural Network and Multivariate Calibration. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 383-390.	0.8	10
63	A Systematic Review on Phytochemistry, Ethnobotany and Biological Activities of the Genus <i>Bunium</i> L. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100317.	1.0	10
64	Impact of amine- and phenyl-functionalized magnetic nanoparticles impacts on microwave-assisted extraction of essential oils from root of <i>Berberis integerrima</i> Bunge. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2018, 10, 1-8.	0.9	9
65	A Comparative Investigation on Efficacy of Two Methodologies of Solid Phase Extraction for Separation and Pre-concentration of Trace Copper in Aqueous Samples Prior to Flame Atomic Absorption Spectrometric Determination. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 363-370.	0.8	8
66	A comparative Study on Chemical Composition and Antimicrobial Activity of Essential Oils from <i>Tanacetum parthenium</i> (L.) Schultz. Bip. and <i>Tanacetum punctatum</i> (Desr.) Grierson. Leaves from Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1143-1150.	0.7	8
67	An Update on Biomedical Application of Nanotechnology for Alzheimer's Disease Diagnosis and Therapy. <i>Drug Research</i> , 2016, 66, 580-586.	0.7	6
68	Nanomaterials toxin contamination in laboratories and potential harmful effects of their products: a review. <i>Toxin Reviews</i> , 2016, 35, 180-186.	1.5	5
69	Chemical Compositions of the Essential Oils from Stems, Leaves and Fruits of <i>Artemisia tschernieviana</i> and Exploring Quantitative Structure-Retention Relationships (QSRRs) for Prediction of Corresponding Retention Indices. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 672-687.	0.7	5
70	A New Highly Selective Neodymium(III) Polyvinylchloride Membrane Electrode Based on 4-Hydroxypyrrolidine-2-Carboxylic Acid as an Active Material. <i>Journal of Analytical Chemistry</i> , 2018, 73, 71-81.	0.4	5
71	Solid Phase Extraction of Ultra Trace Copper Using Octadecyl Silica Bonded Phase Membrane Disks Modified by a New Symmetric Schiff Base Ionophore Prior to FAAS Determination. <i>Current Analytical Chemistry</i> , 2011, 7, 306-317.	0.6	4
72	Profiling Volatile Natural Compounds from Flowers, Leaves and Stems of <i>Marrubium anisodon</i> Using Headspace Solid Phase Microextraction in Combination with Gas Chromatographic Mass Spectrometric Determination. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1839-1858.	0.7	4

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73	Screening of Profiles of Essential Oils from the Aerial Parts of <i>Sclerorhachis platy-rachis</i> (Boiss.) Podlech ex Rech.f. Using Classical and Microwave-based Methods: Comparison with the Volatiles Using Headspace Solid-Phase Microextraction. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1199-1209.	0.7	4
74	QSAR Study of PARP Inhibitors by GA-MLR, GA-SVM and GA-ANN Approaches. <i>Current Analytical Chemistry</i> , 2020, 16, 1088-1105.	0.6	4
75	Synthesis, Spectral Assignment and Application of a New Synthesized Schiff Base Ionophore to Determination of Ultra Trace Copper by Solid Phase Extraction Flame Atomic Absorption Spectrometry. <i>Analytical Chemistry Letters</i> , 2011, 1, 300-317.	0.4	3
76	Synthesis, spectral assignment and application of a recently synthesized macrocyclic ionophore to simultaneous pre-concentration and determination of ultra traces of copper and lead by solid phase extraction-flame atomic absorption spectrometry. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8925-8941.	1.3	3
77	QSAR Study of Arylsulfonylpiperazine Inhibitors of 11 β -HSD1 by GA-MLR, GA-PLS and GA-ANN. <i>Analytical Chemistry Letters</i> , 2014, 4, 14-28.	0.4	3
78	Preparation of molecularly imprinted polymers on the surface of optical fiber for HS-solid-phase microextraction of phenol. <i>Separation Science and Technology</i> , 2017, 52, 1826-1834.	1.3	3
79	Simultaneous Kinetic Determination of Phosphate and Silicate by Spectrophotometric H α Point Standard Addition Method. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 362-368.	0.8	2
80	Quantification of ultra-trace amounts of copper by using off-line solid phase extraction-flame atomic absorption spectrometric determination through the octadecyl silica-bonded phase membrane (OSPM) C18 disks impregnated with 2,2'-[ethane-1,2-diylbis(thio)]dianiline. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4507-4518.	1.3	2
81	Quantitative monitoring of the volatiles from the aerial parts of <i>Satureja hortensis</i> by the use of HS-SPME-GC-MS approach. <i>Oriental Journal of Chemistry</i> , 2016, 32, 2559-2566.	0.1	2
82	The Relationship Between Chemical Composition of the Essential Oils of <i>Platycladus orientalis</i> (L.) Franco and Soils Contamination in National Oil Company of Shahrood, Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1209-1225.	0.7	2
83	Profiling of the essential oil compositions from the flowers and leaves of <i>Tanacetum fisherae</i> Aitch. & Hemsl., an endemic plant in Kerman province, Iran. <i>Natural Product Research</i> , 2022, 36, 5347-5352.	1.0	2
84	Quantitative Structure-Electrochemistry Relationship Study for Prediction of Half-Wave Reduction Potentials of Some Chlorinated Organic Compounds by Genetic Algorithm-Multiple Linear Regression. <i>Asian Journal of Chemistry</i> , 2013, 25, 349-352.	0.1	1
85	Antidiabetic Effect of <i>Sophora Pachycarpa</i> Seeds Extract In Streptozotocin-Induced Diabetic Mice: A Statistical Evaluation. <i>Journal of Investigative Medicine</i> , 2021, 69, 1201-1207.	0.7	1
86	A quantitative structure-activity relationship study on CXL017 derivatives as effective drugs for cancer treatment. <i>Journal of the Chinese Chemical Society</i> , 0, , .	0.8	1
87	"ASSESSMENT OF THE TRACE LEVELS OF LEAD (II) USING SOLID PHASE EXTRACTION AND FLAME ATOMIC ABSORPTION SPECTROMETRY". <i>Material Science Research India</i> , 2006, 3, 89-98.	0.9	1