

Mehdi Nekoei

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

557
citations

623734

14
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of Ag/reduced graphene oxide/Fe ₃ O ₄ using Lotus garcinii leaf extract and its application as a recyclable nanocatalyst for the reduction of 4-nitrophenol and organic dyes. Journal of Colloid and Interface Science, 2017, 497, 33-42.	9.4	120
2	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. Medicinal Chemistry Research, 2015, 24, 3037-3046.	2.4	39
3	Terbium(III) Ion-Selective Electrochemical Sensor Based on Hematoporphyrin. Analytical Letters, 2009, 42, 298-311.	1.8	33
4	Erbium(III) PVC Membrane Ion-Selective Sensor based on 4-(2-Thiazolylazo)resorcinol. Analytical Letters, 2009, 42, 284-297.	1.8	32
5	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. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 59-75.	1.9	29
6	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. Journal of Essential Oil-bearing Plants: JEOP, 2014, 17, 747-757.	1.9	27
7	Hydrodistilled Volatile Oil Constituents of the Aerial Parts of <i>Prangos serpentina</i> (Rech.f.) Tj ETQq1 1 0.784314 rgBT /Overlook Simulation. Journal of Essential Oil-bearing Plants: JEOP, 2011, 14, 559-573.	1.9	25
8	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. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 410-425.	1.9	25
9	Prediction of antileukemia activity of berbamine derivatives by genetic algorithm-multiple linear regression. Monatshefte für Chemie, 2011, 142, 943-948.	1.8	21
10	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. Analytical Chemistry Letters, 2012, 2, 80-102.	1.0	21
11	Chemical Composition of the Essential Oil from Flowers, Leaves and Stems of <i>Haplophyllum perforatum</i> by Using Head Space Solid Phase Microextraction. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 506-515.	1.9	20
12	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. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 926-933.	1.9	20
13	Hyaluronic acid-coated chitosan nanoparticles as targeted-carrier of tamoxifen against MCF7 and TMX-resistant MCF7 cells. Journal of Materials Science: Materials in Medicine, 2022, 33, 24.	3.6	19
14	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. Analytical Chemistry Letters, 2014, 4, 93-103.	1.0	16
15	Chemical Composition of the Essential Oil from Aerial Parts of <i>Senecio gallicus</i> Chaix Growing Wild in Iran. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 704-709.	1.9	13
16	Hydro-distilled Volatile Oil Constituents from the Aerial Parts of <i>Satureja mutica</i> and QSRR Simulation by Multiple Linear Regression. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 307-320.	1.9	12
17	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. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1561-1581.	1.9	11
18	Simultaneous Spectrophotometric Determination of Iron and Cobalt in Micellar Medium by Using a Principal Component Artificial Neural Network and Multivariate Calibration. Journal of the Chinese Chemical Society, 2007, 54, 383-390.	1.4	10

#	ARTICLE	IF	CITATIONS
19	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.	1.4	8
20	Association of ADIPOQ rs266729 and rs1501299 gene polymorphisms and circulating adiponectin level with the risk of type 2 diabetes in a population of Iran: a case-control study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 87-93.	1.9	7
21	Prediction of antibacterial activity of pleuromutilin derivatives by genetic algorithm-multiple linear regression (GA-MLR). <i>Monatshefte für Chemie</i> , 2010, 141, 577-588.	1.8	6
22	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.	1.9	5
23	Adiponectin gene polymorphisms and risk of type 2 diabetes: an updated evidence for meta-analysis. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 133.	2.7	5
24	QSAR study on the histamine (H3) receptor antagonists using the genetic algorithm: Multi parameter linear regression. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 639-650.	0.8	4
25	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.	1.9	4
26	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.	1.9	4
27	QSAR Study of PARP Inhibitors by GA-MLR, GA-SVM and GA-ANN Approaches. <i>Current Analytical Chemistry</i> , 2020, 16, 1088-1105.	1.2	4
28	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.	1.0	3
29	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.	1.0	3
30	Simple QSPR Modeling for Prediction of the GC Retention Indices of Essential Oil Compounds. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 1298-1309.	1.9	3
31	Genetic Algorithm Based Wavelengths Selection Coupled with Partial Least Squares for Simultaneous Spectrophotometric Determination of Phosphate and Silicate in Detergent Products. <i>Current Analytical Chemistry</i> , 2018, 14, 151-158.	1.2	3
32	Simultaneous Kinetic Determination of Phosphate and Silicate by Spectrophotometric Point Standard Addition Method. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 362-368.	1.4	2
33	Quantitative Structure-Activity Relationship Study of Amino Acid Derivatives as Histone Deacetylase Inhibitors using the Genetic Algorithm-Multiple Linear Regression. <i>Analytical Chemistry Letters</i> , 2012, 2, 33-43.	1.0	2
34	A quantitative structure-activity relationship study on CXL017 derivatives as effective drugs for cancer treatment. <i>Journal of the Chinese Chemical Society</i> , 0, , .	1.4	1
35	Quantitative Structure-Property Relationship Study for Prediction of Flash Point of Some Organic Compounds Based On SW-MLR Method. <i>Analytical Chemistry Letters</i> , 2013, 3, 278-286.	1.0	0