Mohammad Asadollahi-Baboli

List of Publications by Year
in descending order

31 papers	424 citations	840776 11 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	484 citing authors

#	Article	IF	Citations
1	QSAR study of heparanase inhibitors activity using artificial neural networks and Levenbergâ€“Marquardt algorithm. European Journal of Medicinal Chemistry, 2008, 43, 548-556.	5.5	84
2	Rapid and simultaneous determination of tetracycline and cefixime antibiotics by mean of gold nanoparticles-screen printed gold electrode and chemometrics tools. Measurement: Journal of the International Measurement Confederation, 2014, 47, 145-149.	5.0	59
3	Shuffling multivariate adaptive regression splines and adaptive neuro-fuzzy inference system as tools for QSAR study of SARS inhibitors. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 853-860.	2.8	40
4	Quantitative structureâ€“activity relationship study of serotonin (5-HT7) receptor inhibitors using modified ant colony algorithm and adaptive neuro-fuzzy interference system (ANFIS). European Journal of Medicinal Chemistry, 2009, 44, 1463-1470.	5.5	27
5	QSAR Analysis of Plateletâ€derived Growth Inhibitors Using GAâ€ANN and Shuffling Crossvalidation. QSAR and Combinatorial Science, 2008, 27, 750-757.	1.4	20
6	Exploring QSTR analysis of the toxicity of phenols and thiophenols using machine learning methods. Environmental Toxicology and Pharmacology, 2012, 34, 826-831.	4.0	19
7	In silicoprediction of the aniline derivatives toxicities toTetrahymena pyriformisusing chemometrics tools. Toxicological and Environmental Chemistry, 2012, 94, 2019-2034.	1.2	15
8	Predicting partition coefficients of migrants in food simulant/polymer systems using adaptive neuro-fuzzy inference system. Journal of the Brazilian Chemical Society, 2011, 22, 1446-1451.	0.6	14
9	A new sensitive voltammetric determination of thymol based on MnY nanozeolite modified carbon paste electrode using response surface methodology. Microchemical Journal, 2019, 145, 819-832.	4.5	14
10	Molecular docking, molecular dynamics simulation, and QSAR model on potent thiazolidine-4-carboxylic acid inhibitors of influenza neuraminidase. Medicinal Chemistry Research, 2013, 22, 1700-1710.	2.4	11
11	In silico evaluation, molecular docking and QSAR analysis of quinazoline-based EGFR-T790M inhibitors. Molecular Diversity, 2016, 20, 729-739.	3.9	11
12	Docking and QSAR analysis of tetracyclic oxindole derivatives as Î±-glucosidase inhibitors. Computational Biology and Chemistry, 2018, 76, 283-292.	2.3	11
13	Therapeutic index modeling and predictive QSAR of novel thiazolidin-4-one analogs against Toxoplasma gondii. European Journal of Pharmaceutical Sciences, 2015, 70, 117-124.	4.0	10
14	Quantitative structureâ€“activity relationship analysis of human neutrophil elastase inhibitors using shuffling classification and regression trees and adaptive neuro-fuzzy inference systems. SAR and QSAR in Environmental Research, 2012, 23, 505-520.	2.2	9
15	Rapid analysis of <scp>O</scp>riganum majorana <scp>L</scp>. fragrance using a nanofiber sheet, gas chromatography with mass spectrometry, and chemometrics. Journal of Separation Science, 2014, 37, 990-996.	2.5	9
16	Application of Polyamide Nanofibers, SPME/GC-MS, and Chemometrics for Comprehensive Analysis of Volatiles in Thymus vulgaris L. and Thymus serpyllum L. Food Analytical Methods, 2016, 9, 528-536.	2.6	9
17	Chemometrics-Assisted GC-MS Analysis of Volatile and Semi-Volatile Constituents of Elettaria cardamomum. Food Analytical Methods, 2014, 7, 1745-1754.	2.6	8
18	Headspace Adsorptive Microextraction Analysis of Oregano Fragrance Using Polyaniline-Nylon-6 Nanocomposite, GC-MS, and Multivariate Curve Resolution. International Journal of Food Properties, 2015, 18, 1613-1623.	3.0	7

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19	In silico evaluation of 5-hydroxypyrazoles as LSD1 inhibitors based on molecular docking derived descriptors. Journal of Molecular Structure, 2019, 1179, 514-524.	3.6	6
20	Molecular docking-based classification and systematic QSAR analysis of indoles as Pim kinase inhibitors. SAR and QSAR in Environmental Research, 2020, 31, 399-419.	2.2	6
21	Chemometric resolution techniques combined with GC-MS to enhance determination of the volatile chemical constituents of bay leaves. Analytical Methods, 2013, 5, 6368.	2.7	5
22	Application of polyanilineâ€“nylon-6 nanocomposite, GC-MS and chemometrics for rapid and comprehensive analysis of Zingiber officinale fragrance components. Analytical Methods, 2014, 6, 4279-4287.	2.7	5
23	Monte Carlo sampling and multivariate adaptive regression splines as tools for QSAR modelling of HIV-1 reverse transcriptase inhibitors. SAR and QSAR in Environmental Research, 2012, 23, 665-682.	2.2	4
24	Aquatic Toxicity Assessment of Esters Towards the Daphnia magna Through PCA-ANFIS. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 450-454.	2.7	4
25	APPLICATION OF COMPUTATIONAL METHODS TO PREDICT ABSORPTION MAXIMA OF ORGANIC DYES USED IN SOLAR CELLS. Journal of Theoretical and Computational Chemistry, 2013, 12, 1250114.	1.8	4
26	Comprehensive Analysis ofValeriana officinalisL. Essential Oil using GC-MS Coupled with Integrated Chemometric Resolution Techniques. International Journal of Food Properties, 2015, 18, 597-607.	3.0	4
27	Ranked binding energies of residues and data fusion to identify the active and selective pyrimidine-based Janus kinases 3 (JAK3) inhibitors. SAR and QSAR in Environmental Research, 2022, 33, 23-34.	2.2	3
28	Shuffling multivariate adaptive regression splines as a predictive method for modeling of novel pyridylmethylthio derivatives as VEGFR2 inhibitors. Medicinal Chemistry Research, 2013, 22, 2645-2653.	2.4	2
29	Docking and receptor-based QSAR approaches for modeling of CETP inhibitors. Medicinal Chemistry Research, 2014, 23, 1162-1169.	2.4	2
30	Straightforward MIAâ€QSTR evaluation of environmental toxicities of aromatic aldehydes toTetrahymena pyriformis. SAR and QSAR in Environmental Research, 2013, 24, 1041-1050.	2.2	1
31	QSAR Study of the Inhibitors of the Acetyl-CoA Carboxylase 1 and 2 using Bayesian Regularized Genetic Neural Networks: A Comparative Study. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1