Mohammad Goodarzi

List of Publications by Year
in descending order

30	729	430874 18	526287 27
papers	citations	h-index	g-index

30	30	30	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Representative splitting cross validation. Chemometrics and Intelligent Laboratory Systems, 2018, 183, 29-35.	3.5	16
2	Analysis of Volatile Compounds by Advanced Analytical Techniques and Multivariate Chemometrics. Chemical Reviews, 2017, 117, 6399-6422.	47.7	128
3	Multivariate calibration of NIR spectroscopic sensors for continuous glucose monitoring. TrAC - Trends in Analytical Chemistry, 2015, 67, 147-158.	11.4	100
4	Firefly as a novel swarm intelligence variable selection method in spectroscopy. Analytica Chimica Acta, 2014, 852, 20-27.	5.4	34
5	Theoretical Investigation of Relationship between Quantum Chemical Descriptors, Topological Indices, Energy and Electric Moments of Zig-zag Polyhex Carbon Nanotubes TUHC₆[2p,q] with Various Circumference [2p] and Fixed Lengths. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 102-112.	2.1	1
6	Topological Features in Profiling the Antimalarial Activity Landscape of Anilinoquinolines: A Multipronged QSAR Study. Journal of Chemistry, 2013, 2013, 1-14.	1.9	0
7	QSAR prediction of HIV inhibition activity of styrylquinoline derivatives by genetic algorithm coupled with multiple linear regressions. Medicinal Chemistry Research, 2012, 21, 437-443.	2.4	19
8	Prediction of melting point for drug-like compounds via QSPR methods. Molecular Physics, 2011, 109, 507-516.	1.7	7
9	Theoretical Study of the Relationship Between Wiener, Padmakar-Ivan, and Szeged Topological Indices in Contrast to Energy, Electric Moments and Partition Coefficient of Armchair Polyhex Carbon Nanotubes with Various Circumference and Fixed Lengths. Fullerenes Nanotubes and Carbon Nanostructures, 2011, 19, 550-563.	2.1	0
10	Consensus features of CP-MLR and GA in modeling HIV-1 RT inhibitory activity of 4-benzyl/benzoylpyridin-2-one analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 696-705.	5.2	3
11	MIA-QSAR Coupled to Different Regression Methods for the Modeling of Antimalarial Activities of 2-aziridinyl and 2,3-bis-(aziridinyl)-1,4-naphtoquinonyl Sulfate and Acylate Derivatives. Medicinal Chemistry, 2011, 7, 645-654.	1.5	5
12	MIAâ€“QSAR coupled to principal component analysis-adaptive neuro-fuzzy inference systems (PCAâ€“ANFIS) for the modeling of the anti-HIV reverse transcriptase activities of TIBO derivatives. European Journal of Medicinal Chemistry, 2010, 45, 1352-1358.	5.5	36
13	QSAR studies of bioactivities of 1-(azacyclyl)-3-arylsulfonyl-1H-pyrrolo[2,3-b]pyridines as 5-HT6 receptor ligands using physicochemical descriptors and MLR and ANN-modeling. European Journal of Medicinal Chemistry, 2010, 45, 3911-3915.	5.5	20
14	MIA-QSAR, PCA-ranking and least-squares support-vector machines in the accurate prediction of the activities of phosphodiesterase type 5 (PDE-5) inhibitors. Molecular Simulation, 2010, 36, 871-877.	2.0	3
15	PLS and N-PLS-based MIA-QSTR modelling of the acute toxicities of phenylsulphonyl carboxylates toVibrio fischeri. Molecular Simulation, 2010, 36, 953-959.	2.0	9
16	Predicting the solubility of pesticide compounds in water using QSPR methods. Molecular Physics, 2010, 108, 181-192.	1.7	23
17	Application of successive projections algorithm (SPA) as a variable selection in a QSPR study to predict the octanol/water partition coefficients (Kow) of some halogenated organic compounds. Analytical Methods, 2010, 2, 758.	2.7	21
18	QSPR models for prediction of half wave potentials of some chlorinated organic compounds using SR-PLS and GA-PLS methods. Molecular Physics, 2009, 107, 1739-1744.	1.7	20

#	Article	IF	Citations
19	Influence of Changes in 2â€Ð Chemical Structure Drawings and Image Formats on the Prediction of Biological Properties Using MIAâ€QSAR. QSAR and Combinatorial Science, 2009, 28, 458-464.	1.4	4
20	Is Feature Selection Essential for ANN Modeling?. QSAR and Combinatorial Science, 2009, 28, 1487-1499.	1.4	23
21	Prediction of 13C chemical shifts in methoxyflavonol derivatives using MIA-QSPR. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 563-568.	3.9	18
22	Prediction of the acidic dissociation constant (pK_a) of some organic compounds using linear and nonlinear QSPR methods. Molecular Physics, 2009, 107, 1495-1503.	1.7	18
23	Feature Selection and Linear/Nonlinear Regression Methods for the Accurate Prediction of Glycogen Synthase Kinase-3Î² Inhibitory Activities. Journal of Chemical Information and Modeling, 2009, 49, 824-832.	5.4	58
24	Prediction of the vapor pressure of some halogenated methyl-phenyl ether (anisole) compounds using linear and nonlinear QSPR methods. Molecular Physics, 2009, 107, 1615-1620.	1.7	13
25	Feature selection method based on fuzzy entropy for regression in QSAR studies. Molecular Physics, 2009, 107, 1787-1798.	1.7	25
26	Augmented Threeâ€mode MIAâ€QSAR Modeling for a Series of Antiâ€HIVâ€1 Compounds. QSAR and Combinatorial Science, 2008, 27, 1092-1097.	1.4	29
27	Predicting Boiling Points of Aliphatic Alcohols through Multivariate Image Analysis Applied to Quantitative Structureâ^'Property Relationships. Journal of Physical Chemistry A, 2008, 112, 11263-11265.	2.5	31
28	Prediction of the logarithmic of partition coefficients (log P) of some organic compounds by least square-support vector machine (LS-SVM). Molecular Physics, 2008, 106, 2525-2535.	1.7	23
29	Simultaneous Spectrophotometric Determination of Uranium and Thorium Using Arsenazo III by Hâ€Point Standard Addition Method and Partial Least Squares Regression. Journal of the Chinese Chemical Society, 2007, 54, 411-418.	1.4	27
30	Spectrophotometric Simultaneous Determination of Manganese(II) and Iron(II) in Pharmaceutical by Orthogonal Signal Correction-Partial Least Squares. Annali Di Chimica, 2007, 97, 303-312.	0.6	15