

# Bahram Hemmateenejad

## List of Publications by Year in descending order

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Version: 2024-02-01

244  
papers

7,037  
citations

57719

44  
h-index

91828

69  
g-index

245  
all docs

245  
docs citations

245  
times ranked

7408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of carbon paste concurrent with investigation of water electrolysis in paper-based closed bipolar electrochemistry. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 809-819.	1.2	2
2	Voltammetric determination of lactic acid in milk samples using carbon paste electrode modified with chitosan-based magnetic molecularly imprinted polymer. <i>Journal of Applied Electrochemistry</i> , 2022, 52, 35-44.	1.5	2
3	Deep and dip: Immobilization on paper substrate using Deep Eutectic solvent to fabricate reusable dip immersion colorimetric sensor arrays. <i>Sensors and Actuators B: Chemical</i> , 2022, 356, 131379.	4.0	10
4	Detection and discrimination of antibiotics in food samples using a microfluidic paper-based optical tongue. <i>Talanta</i> , 2022, 241, 123242.	2.9	25
5	Paper-Based Optical Nose Made with Bimetallic Nanoparticles for Monitoring Ignitable Liquids in Gasoline. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 8333-8342.	4.0	20
6	Identification and determination of multiple heavy metal ions using a miniaturized paper-based optical device. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131551.	4.0	11
7	Calculation of lower and upper band boundaries for the feasible solutions of rank-deficient multivariate curve resolution problems. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 226, 104577.	1.8	2
8	Point-of-need determination of blood typing using a three-dimensional origami microfluidic paper based analytical device. <i>Microchemical Journal</i> , 2022, 181, 107796.	2.3	11
9	A disposable paper-based microfluidic electrochemical cell equipped with graphite-supported gold nanoparticles modified electrode for gallic acid determination. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116626.	1.9	6
10	A paper-based colorimetric sensor array for discrimination of monofloral European honeys based on gold nanoparticles and chemometrics data analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119076.	2.0	19
11	Chemometrics-based LC-UV-ESIMS analyses of 50 <i>Salvia</i> species for detecting their antioxidant constituents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113745.	1.4	17
12	A non-invasive tool for early detection of acute leukemia in children using a paper-based optoelectronic nose based on an array of metallic nanoparticles. <i>Analytica Chimica Acta</i> , 2021, 1141, 28-35.	2.6	19
13	Fluorescent Carbon Dots Prepared from Hazelnut Kohl as an Affordable Probe for Determination of Dopamine. <i>Journal of Fluorescence</i> , 2021, 31, 455-463.	1.3	6
14	An All-in-One Solid State Thin-Layer Potentiometric Sensor and Biosensor Based on Three-Dimensional Origami Paper Microfluidics. <i>Biosensors</i> , 2021, 11, 44.	2.3	20
15	A comparative study of MCR-based kinetic analyses for chemical reaction systems with rate constant ambiguities. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 210, 104228.	1.8	2
16	Evaluation of adulteration in distillate samples of <i>Rosa damascena</i> Mill using colorimetric sensor arrays, chemometric tools and dispersive liquid-liquid microextraction-MS. <i>Phytochemical Analysis</i> , 2021, 32, 1027-1038.	1.2	4
17	Collaboration of cyclometalated platinum complexes and metallic nanoclusters for rapid discrimination and detection of biogenic amines through a fluorometric paper-based sensor array. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129582.	4.0	23
18	Converting electronic nose into opto-electronic nose by mixing MoS <sub>2</sub> quantum dots with organic reagents: Application to recognition of aldehydes and ketones and determination of formaldehyde in milk. <i>Analytica Chimica Acta</i> , 2021, 1170, 338654.	2.6	23

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19	An array of metallic nanozymes can discriminate and detect a large number of anions. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129911.	4.0	23
20	Dendrite gold nanostructures electrodeposited on paper fibers: Application to electrochemical non-enzymatic determination of glucose. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127335.	4.0	42
21	Accessory mutations balance the marginal stability of the HIV-1 protease in drug resistance. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 476-484.	1.5	6
22	Gold-decorated Fe <sub>3</sub> O <sub>4</sub> nanoparticles for efficient photocatalytic degradation of ampicillin: a chemometrics investigation. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1173-1182.	1.2	7
23	Characterization of the binding of cyanidin-3-glucoside to bovine serum albumin and its stability in a beverage model system: A multispectroscopic and chemometrics study. <i>Food Chemistry</i> , 2020, 311, 126015.	4.2	14
24	Ultrafast detection of infectious bacteria using optoelectronic nose based on metallic nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128262.	4.0	35
25	A 3D origami paper-based analytical device combined with PVC membrane for colorimetric assay of heavy metal ions: Application to determination of Cu(II) in water samples. <i>Analytica Chimica Acta</i> , 2020, 1126, 114-123.	2.6	55
26	A chemometric investigation on the influence of the nature and concentration of supporting electrolyte on charging currents in electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114296.	1.9	6
27	Electrochemical properties of gold nanosheets: Investigation of the effect of nanosheet thickness using chemometric methods. <i>Microchemical Journal</i> , 2020, 154, 104650.	2.3	5
28	A three-dimensional origami microfluidic device for paper chromatography: Application to quantification of Tartrazine and Indigo carmine in food samples. <i>Journal of Chromatography A</i> , 2020, 1621, 461049.	1.8	30
29	Evaluating Contribution of Faradaic, Charging and Kinetic Currents in Potential Scan Hydrodynamic Voltammetry by Chemometrics Method. <i>Journal of the Electrochemical Society</i> , 2020, 167, 116524.	1.3	0
30	Quantitative sequence-activity modeling of ACE peptide originated from milk using ACC-QTMS amino acid indices. <i>Amino Acids</i> , 2019, 51, 1209-1220.	1.2	10
31	A paper-based length of stain analytical device for naked eye (readout-free) detection of cystic fibrosis. <i>Analytica Chimica Acta</i> , 2019, 1080, 138-145.	2.6	28
32	The effect of carbonaceous materials on faradaic and charging current contribution in carbon paste electrodes investigated by chemometrics methods. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 3255-3266.	1.2	5
33	Dual fluorometric and colorimetric sensor based on quenching effect of copper (II) sulfate on the copper nanocluster for determination of sulfide ion in water samples. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 384, 112030.	2.0	23
34	Colorimetric and visual determination of hydrogen peroxide and glucose by applying paper-based closed bipolar electrochemistry. <i>Mikrochimica Acta</i> , 2019, 186, 684.	2.5	22
35	On the relationship between docking scores and protein conformational changes in HIV-1 protease. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 91, 186-193.	1.3	4
36	Structural Elucidation and Ultrasensitive Analyses of Volatile Organic Compounds by Paper-Based Nano-Optoelectronic Noses. <i>ACS Sensors</i> , 2019, 4, 1442-1451.	4.0	42

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37	Metabolite fingerprinting and identification of potential quality markers of <i>Zataria multiflora</i> by a chemometric approach. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1631-1639.	1.2	2
38	Cycloplatinated(II) Derivatives of Mercaptopurine Capable of Binding Interactions with HSA/DNA. <i>Inorganic Chemistry</i> , 2019, 58, 16154-16170.	1.9	33
39	On the dependency between principal components: Application to determine the rank of a matrix in an evolutionary process. <i>Journal of Chemometrics</i> , 2019, 33, e3102.	0.7	2
40	Fabrication of the First Disposable Three-dimensional Paper-based Concentration Cell as Ammonia Sensor with a New Method for Paper Hydrophobization by Laser Patterned Parafilm®. <i>Electroanalysis</i> , 2019, 31, 632-638.	1.5	11
41	Bimetallic AuCu nanoclusters-based florescent chemosensor for sensitive detection of Fe <sup>3+</sup> in environmental and biological systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 202-208.	2.0	31
42	Determination of enantiomeric excess of some amino acids by second-order calibration of kinetic-fluorescence data. <i>Analytical Biochemistry</i> , 2018, 550, 15-26.	1.1	13
43	Screening for linearly and nonlinearly related variables in predictive cheminformatic models. <i>Journal of Chemometrics</i> , 2018, 32, e3009.	0.7	9
44	Discrimination of Shirazi thyme from thymus species and antioxidant activity prediction using chemometrics and FT-IR spectroscopy. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 259-268.	1.2	2
45	Colorimetric determination of acidity constant using a paper-based microfluidic analytical device. <i>Chemical Papers</i> , 2018, 72, 1239-1247.	1.0	20
46	Qualitative and quantitative analysis of toxic materials in adulterated fruit pickle samples by a colorimetric sensor array. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 783-791.	4.0	42
47	An optoelectronic tongue based on an array of gold and silver nanoparticles for analysis of natural, synthetic and biological antioxidants. <i>Mikrochimica Acta</i> , 2018, 185, 493.	2.5	42
48	Deep eutectic water binary solvent associations investigated by vibrational spectroscopy and chemometrics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18463-18473.	1.3	81
49	Assessment of cytotoxicity of choline chloride-based natural deep eutectic solvents against human HEK-293 cells: A QSAR analysis. <i>Chemosphere</i> , 2018, 209, 831-838.	4.2	90
50	Excitation-emission matrix fluorescence spectroscopy combined with three-way chemometrics analysis to follow denatured states of secondary structure of bovine serum albumin. <i>Journal of Luminescence</i> , 2018, 203, 90-99.	1.5	8
51	Evaluation of long-heating kinetic process of edible oils using ATR-FTIR and chemometrics tools. <i>Journal of Food Science and Technology</i> , 2017, 54, 659-668.	1.4	8
52	Classification of Edible Oils Based on ATR-FTIR Spectral Information During a Long Heating Treatment. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 351-358.	0.7	4
53	A comparative study on the effect of ionic liquid composition on the contributions of faradaic current in ionic liquid carbon paste electrodes by chemometrics method. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 22-29.	1.9	12
54	Synthesis and biological evaluation of quinazolinone-based hydrazones with potential use in Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2017, 74, 126-133.	2.0	50

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55	Multi-structure docking analysis of BACE1 crystal structures and non-peptidic ligands. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 76, 128-135.	1.3	6
56	Development of colorimetric sensor array for discrimination of herbal medicine. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 595-604.	1.2	14
57	The structural alteration and aggregation propensity of glycated lens crystallins in the presence of calcium: Importance of lens calcium homeostasis in development of diabetic cataracts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 174-183.	2.0	6
58	The Effects of Different Ionic Liquid Coatings and the Length of Alkyl Chain on Antimicrobial and Cytotoxic Properties of Silver Nanoparticles. <i>Iranian Endodontic Journal</i> , 2017, 12, 481-487.	0.8	25
59	Antibiofilm Efficacy of Positively Charged Imidazolium-Based Silver Nanoparticles in <i>Enterococcus faecalis</i> Using Quantitative Real-Time PCR. <i>Jundishapur Journal of Microbiology</i> , 2017, 10, .	0.2	19
60	In Silico Screening of IL-1 $\beta$ Production Inhibitors Using Chemometric Tools. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 513-524.	0.3	0
61	Charge Separation and Catalytic Activity of Fe <sub>3</sub> O <sub>4</sub> @Ag Nanospheres. <i>Photochemistry and Photobiology</i> , 2016, 92, 61-68.	1.3	5
62	A time-insensitive colorimetric sensor for the determination of total protein. <i>RSC Advances</i> , 2016, 6, 52026-52033.	1.7	1
63	Efficient On-Off Ratiometric Fluorescence Probe for Cyanide Ion Based on Perturbation of the Interaction between Gold Nanoclusters and a Copper(II)-Phthalocyanine Complex. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 15177-15186.	4.0	86
64	Characterization of the interaction between a new merocyanine dye and bovine serum albumin. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 2309-2317.	1.2	5
65	Synthesis and characterization of glucose-capped CdSe quantum dots. Electrochemical and computational studies of corresponding carbon-ionic liquid electrode for quantitative determination of minoxidil. <i>Journal of Electroanalytical Chemistry</i> , 2016, 778, 116-125.	1.9	16
66	Prediction of the acid value, peroxide value and the percentage of some fatty acids in edible oils during long heating time by chemometrics analysis of FTIR-ATR spectra. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 2291-2299.	1.2	26
67	Reversible Photobleaching of Gold Nanoclusters: A Mechanistic Investigation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28215-28223.	1.5	14
68	QSAR study of diarylalkylimidazole and diarylalkyltriazole aromatase inhibitors. <i>Medicinal Chemistry Research</i> , 2016, 25, 834-842.	1.1	13
69	Photo-degradation study of dacarbazine by spectrophotometric, chemometrics and HPLC methods. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 221-229.	1.2	8
70	Multi-response optimization of factors affecting ultrasonic assisted extraction from Iranian basil using central composite design. <i>Food Chemistry</i> , 2016, 190, 864-870.	4.2	71
71	The Structural Alteration and Aggregation of Bovine Lens Gamma-Crystallin by Homocysteinylation; The Pathomechanism Underlying Cataract Development During Hyperhomocysteinemia. <i>Protein and Peptide Letters</i> , 2015, 23, 78-86.	0.4	4
72	The Effect of Charge at the Surface of Silver Nanoparticles on Antimicrobial Activity against Gram-Positive and Gram-Negative Bacteria: A Preliminary Study. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	344

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73	Classification and assessment of antioxidant activity and phenolic content of different varieties of date palm ( <i>Phoenix dactylifera</i> ) fruits from Iran. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1935-1943.	1.2	6
74	Liquid chromatographic-mass spectrometric monitoring of photodegradation of diphenylamine using experimental design methodology. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 299, 210-217.	2.0	14
75	Chemometrics investigation of the light-free degradation of methyl green and malachite green by starch-coated CdSe quantum dots. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 384-390.	2.9	25
76	Digital videometrics analysis for the kinetic determination of dopamine in the presence of ascorbic acid based on the formation of silver nanoparticles. <i>Analytical Methods</i> , 2015, 7, 6318-6324.	1.3	6
77	Deriving calibration curves at early times of chronoamperograms using the chemometrically resolved net faradaic current. <i>Journal of Electroanalytical Chemistry</i> , 2015, 755, 221-227.	1.9	9
78	Chemometrics tools in QSAR/QSPR studies: A historical perspective. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 149, 177-204.	1.8	104
79	Study of the interaction between human serum albumin and Mn-doped ZnS quantum dots. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1729-1738.	1.2	51
80	Solute-induced perturbation of methanol-water association. <i>RSC Advances</i> , 2015, 5, 71102-71108.	1.7	10
81	Determination of nanoparticles concentration by multivariate curve resolution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 141, 88-93.	1.8	7
82	Positively charged imidazolium-based ionic liquid-protected silver nanoparticles: a promising disinfectant in root canal treatment. <i>International Endodontic Journal</i> , 2015, 48, 790-800.	2.3	76
83	Photodegradation Study of Nystatin by UV-Vis Spectrophotometry and Chemometrics Modeling. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1206-1212.	0.7	2
84	Process modeling of reduction and acetylation reactions by spectrophotometric and chemometrics methods. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 147-154.	1.2	2
85	A chemometrics approach to predict the dispersibility of graphene in various liquid phases using theoretical descriptors and solvent empirical parameters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 766-775.	2.3	19
86	ZnO nanoparticles and multiwalled carbon nanotubes modified carbon paste electrode for determination of naproxen using electrochemical techniques. <i>Journal of Electroanalytical Chemistry</i> , 2014, 714-715, 103-108.	1.9	68
87	Simultaneous measurement of leucine and isoleucine by multivariate image analysis-thin layer chromatography (MIA-TLC). <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1609-1617.	1.2	6
88	Mechanistic Investigation on Dynamic Interfacial Tension Between Crude Oil and Ionic Liquid Using Mass Transfer Concept. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1483-1491.	1.3	35
89	BSA-modified gold nanoclusters for sensing of folic acid. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 42-46.	4.0	86
90	Identification of the Source of Geographical Origin of Iranian Crude Oil by Chemometrics Analysis of Fourier Transform Infrared Spectra. <i>Energy &amp; Fuels</i> , 2014, 28, 761-765.	2.5	9

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91	A new insight into computational molecular design: A case study on BACE-1 inhibitors. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2014, 14, 315-325.	0.1	1
92	Dynamic interfacial tension behavior between heavy crude oil and ionic liquid solution (1-dodecyl-3-methylimidazolium chloride ([C12mim][Cl]+distilled or saline water/heavy crude oil)) as a new surfactant. <i>Journal of Molecular Liquids</i> , 2013, 187, 83-89.	2.3	156
93	Label-free colorimetric detection of picomolar amounts of hydrazine using a gold nanoparticle-based assay. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 513-519.	1.2	7
94	Chemometrics assisted resolving of net faradaic current contribution from total current in potential step and staircase cyclic voltammetry. <i>Analytica Chimica Acta</i> , 2013, 766, 34-46.	2.6	16
95	Clustering of variables in regression analysis: a comparative study between different algorithms. <i>Journal of Chemometrics</i> , 2013, 27, 306-317.	0.7	18
96	Identification of discriminatory variables in proteomics data analysis by clustering of variables. <i>Analytica Chimica Acta</i> , 2013, 767, 35-43.	2.6	12
97	How conformational changes can affect catalysis, inhibition and drug resistance of enzymes with induced-fit binding mechanism such as the HIV-1 protease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 867-873.	1.1	16
98	Design and synthesis of novel 3,5-bis-N-(aryl/heteroaryl) carbamoyl-4-aryl-1,4-dihydropyridines as small molecule BACE-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6893-6909.	1.4	21
99	Discrimination of edible oils and fats by combination of multivariate pattern recognition and FT-IR spectroscopy: A comparative study between different modeling methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 175-181.	2.0	51
100	pH-independent optical sensing of heparin based on ionic liquid-capped gold nanoparticles. <i>Analyst</i> , 2013, 138, 4830.	1.7	13
101	Effect of different families (imidazolium and pyridinium) of ionic liquids-based surfactants on interfacial tension of water/crude oil system. <i>Fluid Phase Equilibria</i> , 2013, 360, 139-145.	1.4	129
102	Determination of the empirical solvent polarity parameter $E_T(30)$ by multivariate image analysis. <i>Analytical Methods</i> , 2013, 5, 891-896.	1.3	34
103	Interaction study of human serum albumin and ZnS nanoparticles using fluorescence spectrometry. <i>Journal of Molecular Structure</i> , 2013, 1037, 317-322.	1.8	36
104	Investigating the effect of ionic liquid (1-dodecyl-3-methylimidazolium chloride ([C12mim][Cl])) on the water/oil interfacial tension as a novel surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 421, 63-71.	2.3	181
105	Affinity of Two Novel Five-Coordinated Anticancer Pt(II) Complexes to Human and Bovine Serum Albumins: A Spectroscopic Approach. <i>Inorganic Chemistry</i> , 2012, 51, 3454-3464.	1.9	287
106	Determination of the Acidity Constant of Drugs Using the Hard-Soft Net Analyte Signal Method. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 2802-2810.	1.0	7
107	Electrochemical study of weak inclusion complex interactions by simultaneous MCR-ALS analyses of potential step-chronoamperometric data matrices. <i>Analytical Methods</i> , 2012, 4, 1776.	1.3	11
108	A novel approach for rapid determination of vitamin B12 in pharmaceutical preparations using BSA-modified gold nanoclusters. <i>Analytical Methods</i> , 2012, 4, 4155.	1.3	55

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109	Combined fluorescence spectroscopy and molecular modeling studies on the interaction between harmalol and human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 67-68, 201-208.	1.4	110
110	Multivariate Curve Resolution Alternating Least-Squares As a Tool for Analyzing Crude Oil Extracted Asphaltene Samples. <i>Energy &amp; Fuels</i> , 2012, 26, 5663-5671.	2.5	22
111	Quantitative Structure-Property Relationship Study to Predict Speed of Sound in Diverse Organic Solvents from Solvent Structural Information. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 14884-14891.	1.8	10
112	Investigation of the interaction between amodiaquine and human serum albumin by fluorescence spectroscopy and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 255-263.	2.6	111
113	Quantitative monitoring of the progress of organic reactions using multivariate image analysis-thin layer chromatography (MIA-TLC) method. <i>Analytical Methods</i> , 2012, 4, 933.	1.3	11
114	Antioxidant activity assay based on the inhibition of oxidation and photobleaching of l-cysteine-capped CdTe quantum dots. <i>Analyst</i> , 2012, 137, 4029.	1.7	25
115	Simultaneous spectrophotometric determination of paracetamol and para-aminophenol in pharmaceutical dosage forms using two novel multivariate standard addition methods based on net analyte signal and rank annihilation factor analysis. <i>Drug Testing and Analysis</i> , 2012, 4, 507-514.	1.6	18
116	Quantitative structure-retention relationship study of analgesic drugs by application of combined data splitting-feature selection strategy and genetic algorithm-partial least square. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 53-60.	1.2	15
117	New autocorrelation QTMS-based descriptors for use in QSAM of peptides. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 569-577.	1.2	19
118	Computer-aided design of novel antibacterial 3-hydroxypyridine-4-ones: application of QSAR methods based on the MOLMAP approach. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 349-361.	1.3	22
119	QSAR Study of 4-Aryl-6-Hydroxychromenes as a New Series of Apoptosis Inducers Using Different Chemometric Tools. <i>Chemical Biology and Drug Design</i> , 2012, 79, 442-458.	1.5	29
120	Effects of solvent and substituent on the electronic absorption spectra of some substituted Schiff bases: A chemometrics study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 91, 198-205.	2.0	11
121	A segmented principal component analysis regression approach to QSAR study of peptides. <i>Journal of Theoretical Biology</i> , 2012, 305, 37-44.	0.8	18
122	Determination of amylose in Iranian rice by multivariate calibration of the surface plasmon resonance spectra of silver nanoparticles. <i>Analyst</i> , 2011, 136, 1760.	1.7	19
123	Assembly of Cyclometalated Platinum(II) Complexes via 1,1-Bis(diphenylphosphino)ferrocene Ligand: Kinetics and Mechanisms. <i>Organometallics</i> , 2011, 30, 1466-1477.	1.1	27
124	In Vitro and In Vivo Antitumor Activities and DNA Binding Mode of Five Coordinated Cyclometalated Organoplatinum(II) Complexes Containing Biphosphine Ligands. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6166-6176.	2.9	72
125	Building optimal regression tree by ant colony system genetic algorithm: Application to modeling of melting points. <i>Analytica Chimica Acta</i> , 2011, 704, 57-62.	2.6	23
126	Application of multivariate curve resolution analysis for studying the thermodynamics of methylene blue aggregations in aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 166-175.	1.2	6



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127	Novel imidazolyl derivatives of 1,8-acridinedione as potential DNA-intercalating agents. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 1098-1112.	1.2	14
128	Effects of intramolecular hydrogen bonding and solvent composition on acidity of some dihydroxy-thioxanthone derivatives in methanol-water binary solvents. <i>Journal of Molecular Structure</i> , 2011, 1006, 453-461.	1.8	1
129	Structural characterization of carbonyl compounds by IR spectroscopy and chemometrics data analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 109, 171-177.	1.8	17
130	Nepetalactones as chemotaxonomic markers in the essential oils of <i>Nepeta</i> species. <i>Chemistry of Natural Compounds</i> , 2011, 47, 843-847.	0.2	8
131	Novel amino acids indices based on quantum topological molecular similarity and their application to QSAR study of peptides. <i>Amino Acids</i> , 2011, 40, 1169-1183.	1.2	36
132	Toward an Optimal Approach for Variable Selection in Counter-Propagation Neural Networks: Modeling Protein-Tyrosine Kinase Inhibitory of Flavanoids Using Substituent Electronic Descriptors. <i>Molecular Informatics</i> , 2011, 30, 939-949.	1.4	9
133	Construction of stable multivariate calibration models using unsupervised segmented principal component regression. <i>Journal of Chemometrics</i> , 2011, 25, 139-150.	0.7	13
134	Spectrophotometric study of complex formation equilibria in the presence of interference using hard-soft net analyte signal method: Application to drug-metal complexation. <i>Analytica Chimica Acta</i> , 2011, 683, 178-186.	2.6	10
135	Aggregation of imidazolium based ionic liquids in binary methanol-water solvents: A linear solvation free energy relationship study. <i>Journal of Molecular Liquids</i> , 2011, 160, 35-39.	2.3	26
136	Spectrophotometric determination of carminic acid in human plasma and fruit juices by second order calibration of the absorbance spectra-pH data matrices coupled with standard addition method. <i>Analytica Chimica Acta</i> , 2010, 667, 49-56.	2.6	29
137	Multi-wavelength spectrophotometric determination of acidity constant of some newly synthesized Schiff bases and their QSPR study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 340-346.	2.0	11
138	Estimating the rate constant in second-order kinetics using hard-soft-net analyte signal (HS-NAS) method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010, 102, 35-44.	1.8	9
139	Comparative QSAR Studies on Toxicity of Phenol Derivatives Using Quantum Topological Molecular Similarity Indices. <i>Chemical Biology and Drug Design</i> , 2010, 75, 521-531.	1.5	10
140	Synthesis, characterization, and formation constant of hexacoordinate iron(III) complexes. <i>Journal of Coordination Chemistry</i> , 2010, 63, 124-135.	0.8	10
141	Multivariate image analysis-thin layer chromatography (MIA-TLC) for simultaneous determination of co-eluting components. <i>Analyst</i> , 2010, 135, 1747.	1.7	31
142	Application of MOLMAP approach for QSAR modeling of various biological activities using substituent electronic descriptors. <i>Journal of Computational Chemistry</i> , 2009, 30, 2001-2009.	1.5	2
143	Multivariate standard addition method solved by net analyte signal calculation and rank annihilation factor analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1965-1975.	1.9	19
144	Quantitative structure-reactivity relationship studies on the catalyzed Michael addition reactions. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 613-618.	0.9	17

#	ARTICLE	IF	CITATIONS
145	Combination of Ant Colony Optimization with Various Local Search Strategies. A Novel Method for Variable Selection in Multivariate Calibration and QSPR Study. <i>QSAR and Combinatorial Science</i> , 2009, 28, 1263-1275.	1.5	16
146	Synthesis, Evaluation of Pharmacological Activities and Quantitative Structure-Activity Relationship Studies of a Novel Group of bis(4-Nitroaryl)-4-dihydropyridine. <i>Chemical Biology and Drug Design</i> , 2009, 73, 225-235.	1.5	14
147	Quantitative Structure-Activity Relationship Studies on 2-Amino-6-arylsulfonylbenzonitriles as Human Immunodeficiency Viruses Type 1 Reverse Transcriptase Inhibitors Using Descriptors Obtained from Substituents and Whole Molecular Structures. <i>Chemical Biology and Drug Design</i> , 2009, 74, 405-415.	1.5	5
148	Non-extraction flow injection determination of cationic surfactants using eriochrome black-T. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 794-798.	2.0	6
149	MCR-NAS: A combined hard-soft multivariate curve resolution method based on net analyte signal concept for modeling kinetic data with inert interference and baseline drift. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 98, 78-87.	1.8	11
150	QSPR models for half-wave reduction potential of steroids: A comparative study between feature selection and feature extraction from subsets of or entire set of descriptors. <i>Analytica Chimica Acta</i> , 2009, 634, 27-35.	2.6	37
151	A segmented principal component analysis-regression approach to quantitative structure-activity relationship modeling. <i>Analytica Chimica Acta</i> , 2009, 646, 30-38.	2.6	18
152	An efficient variable selection method based on the use of external memory in ant colony optimization. Application to QSAR/QSPR studies. <i>Analytica Chimica Acta</i> , 2009, 646, 39-46.	2.6	45
153	QSAR studies on the antiviral compounds of natural origin. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 420-435.	1.2	11
154	A Kinetic spectrophotometric method for determination of amlodipine and Nifedipine in pharmaceutical preparations. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 113-120.	1.2	13
155	Second-order calibration of excitation-emission matrix fluorescence spectra for determination of glutathione in human plasma. <i>Talanta</i> , 2009, 79, 648-656.	2.9	9
156	QSPR studies on normal boiling points and molar refractivities of organic compounds by correlation-ranking-based PCR and PC-ANN analyses of new topological indices. <i>Canadian Journal of Chemistry</i> , 2009, 87, 1593-1604.	0.6	5
157	QSAR of Novel Hydroxyphenylureas as Antioxidant Agents. <i>QSAR and Combinatorial Science</i> , 2008, 27, 417-424.	1.5	9
158	Application of quantum topological molecular similarity descriptors in QSPR study of the O-methylation of substituted phenols. <i>Journal of Computational Chemistry</i> , 2008, 29, 266-274.	1.5	23
159	Multiwavelength spectrophotometric determination of acidity constants of some azo dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1-6.	2.0	17
160	Chemometrics-assisted spectrophotometric methods for simultaneous determination and complexation study of Fe(III), Al(III) and V(V) with morin in micellar media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 824-834.	2.0	32
161	Modeling calcium channel antagonistic activity of dihydropyridine derivatives using QTMS indices analyzed by GA-PLS and PC-GA-PLS. <i>Journal of Molecular Graphics and Modelling</i> , 2008, 26, 1057-1065.	1.3	48
162	Highly correlating distance/connectivity-based topological indices. <i>Journal of Molecular Graphics and Modelling</i> , 2008, 27, 506-511.	1.3	17

#	ARTICLE	IF	CITATIONS
163	Application of a self-modeling curve resolution method for studying the photodegradation kinetics of nitrendipine and felodipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 597-602.	1.4	15
164	Spectrophotometric monitoring of nimesulide photodegradation by a combined hard-soft multivariate curve resolution-alternative least square method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 625-630.	1.4	37
165	Spectrophotometric determination of acidity constants by two-rank annihilation factor analysis. <i>Analytica Chimica Acta</i> , 2008, 607, 142-152.	2.6	30
166	Linear and nonlinear quantitative structure-property relationship models for solubility of some anthraquinone, anthrone and xanthone derivatives in supercritical carbon dioxide. <i>Analytica Chimica Acta</i> , 2008, 610, 25-34.	2.6	22
167	MLR-ANN and RTO Approach to $\mu$ -opioid Receptor-binding Affinity. Pooling Data from Different Sources. <i>Chemical Biology and Drug Design</i> , 2008, 71, 260-270.	1.5	9
168	Quantum Topological QSAR Models based on the MOLMAP Approach. <i>Chemical Biology and Drug Design</i> , 2008, 72, 551-563.	1.5	12
169	Exploring QSAR for Substituted 2-Sulfonyl-Phenyl-Indol Derivatives as Potent and Selective COX-2 Inhibitors Using Different Chemometrics Tools. <i>Chemical Biology and Drug Design</i> , 2008, 72, 564-574.	1.5	14
170	Investigating the Shape Evolution Mechanism of CdSe Quantum Dots by Chemometrics Analysis of Spectrophotometric Data. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18321-18324.	1.5	13
171	Solid-phase extraction and simultaneous determination of trace amounts of sulphonated and azo sulphonated dyes using microemulsion-modified-zeolite and multivariate calibration. <i>Talanta</i> , 2008, 75, 904-915.	2.9	59
172	Reversed-phase high performance liquid chromatography (RP-HPLC) characteristics of some 9,10-anthraquinone derivatives using binary acetonitrile-water mixtures as mobile phase. <i>Talanta</i> , 2008, 77, 351-359.	2.9	14
173	Effect of the electronic and physicochemical parameters on the carcinogenesis activity of some sulfa drugs using QSAR analysis based on genetic-MLR and genetic-PLS. <i>Chemosphere</i> , 2007, 67, 2122-2130.	4.2	51
174	Substituent electronic descriptors for fast QSAR/QSPR. <i>Journal of Chemometrics</i> , 2007, 21, 96-107.	0.7	23
175	Synthesis, QSAR and Calcium Channel Antagonist Activity of New 1,4-Dihydropyridine Derivatives Containing 1-Methyl-4,5-dichloroimidazolyl Substituents. <i>Archiv Der Pharmazie</i> , 2007, 340, 549-556.	2.1	13
176	Theoretical investigation on the binding of lysine-containing peptides with dodecyl sulfate ion using semi-empirical calculations. <i>Computational and Theoretical Chemistry</i> , 2007, 806, 205-211.	1.5	4
177	Quantitative structure-retention relationship for the Kovats retention indices of a large set of terpenes: A combined data splitting-feature selection strategy. <i>Analytica Chimica Acta</i> , 2007, 592, 72-81.	2.6	43
178	Structure-retention and mobile phase-retention relationships for reversed-phase high-performance liquid chromatography of several hydroxythioxanthone derivatives in binary acetonitrile-water mixtures. <i>Analytica Chimica Acta</i> , 2007, 605, 11-19.	2.6	13
179	In vitro enantioselective displacement of propranolol from protein binding sites by acetyl salicylic acid and salicylic acid. <i>International Journal of Pharmaceutics</i> , 2007, 342, 78-81.	2.6	6
180	Cyclic voltammetric, computational, and quantitative structure-electrochemistry relationship studies of the reduction of several 9,10-anthraquinone derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2007, 600, 345-358.	1.9	98

#	ARTICLE	IF	CITATIONS
181	A comparative study between PCR and PLS in simultaneous spectrophotometric determination of diphenylamine, aniline, and phenol: Effect of wavelength selection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 958-965.	2.0	109
182	A PLS-based extractive spectrophotometric method for simultaneous determination of carbamazepine and carbamazepine-10,11-epoxide in plasma and comparison with HPLC. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 718-724.	2.0	14
183	Exploring QSAR for the Inhibitory Activity of a Large Set of Aromatic/Heterocyclic Sulfonamides toward Four Different Isoenzymes of Carbonic Anhydrase. <i>QSAR and Combinatorial Science</i> , 2007, 26, 1065-1075.	1.5	10
184	QSAR Studies on the Anesthetic Action of Some Polyhalogenated Ethers. <i>Chemical Biology and Drug Design</i> , 2007, 69, 362-368.	1.5	19
185	A Mechanistic QSAR Study on the Leishmanicidal Activity of Some 5-Substituted-1,3,4-Thiadiazole Derivatives. <i>Chemical Biology and Drug Design</i> , 2007, 69, 435-443.	1.5	12
186	QSAR Study on the Relaxant Agents from Some Mexican Medicinal Plants and Synthetic Related Organic Compounds. <i>Chemical Biology and Drug Design</i> , 2007, 70, 143-153.	1.5	9
187	ANN-QSAR Model of Drug-binding to Human Serum Albumin. <i>Chemical Biology and Drug Design</i> , 2007, 70, 19-29.	1.5	44
188	QSAR Study on the Antinociceptive Activity of Some Morphinans. <i>Chemical Biology and Drug Design</i> , 2007, 70, 53-64.	1.5	9
189	Synthesis, QSAR and Calcium Channel Modulator Activity of New Hexahydroquinoline Derivatives Containing Nitroimidazole. <i>Chemical Biology and Drug Design</i> , 2007, 70, 329-336.	1.5	20
190	Dihydropyridine Derivatives to Overcome Atypical Multidrug Resistance: Design, Synthesis, QSAR Studies, and Evaluation of Their Cytotoxic and Pharmacological Activities. <i>Chemical Biology and Drug Design</i> , 2007, 70, 337-346.	1.5	33
191	Multi-way Analysis of Quantum Topological Molecular Similarity Descriptors for Modeling Acidity Constant of Some Phenolic Compounds. <i>Chemical Biology and Drug Design</i> , 2007, 70, 413-423.	1.5	13
192	Research article: QSAR Study of Phenoxyrimidine Derivatives as Potent Inhibitors of p38 Kinase Using different Chemometric Tools. <i>Chemical Biology and Drug Design</i> , 2007, 70, 530-539.	1.5	13
193	Molecular modeling and QSAR analysis of some 4,5-dichloroimidazolyl-1,4-DHP-based calcium channel blockers. <i>Journal of the Iranian Chemical Society</i> , 2007, 4, 182-193.	1.2	21
194	Docking studies on the effect of $\hat{I}^2$ -ring expansion in binding of TIBO derivatives to HIV-1 reverse transcriptase. <i>Journal of the Iranian Chemical Society</i> , 2007, 4, 481-489.	1.2	3
195	Fibril formation of lysozyme upon interaction with sodium dodecyl sulfate at pH 9.2. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 60, 55-61.	2.5	34
196	A Mechanistic QSAR Study on the Leishmanicidal Activity of Some 5-Substituted-1,3,4-Thiadiazole Derivatives. <i>Chemical Biology and Drug Design</i> , 2007, .	1.5	0
197	Net analyte signal-based simultaneous determination of antazoline and naphazoline using wavelength region selection by experimental design-neural networks. <i>Talanta</i> , 2006, 68, 1222-1229.	2.9	47
198	Multiple Linear Regression and Principal Component Analysis-Based Prediction of the Anti-Tuberculosis Activity of Some 2-aryl-1,3,4-Thiadiazole Derivatives. <i>QSAR and Combinatorial Science</i> , 2006, 25, 56-66.	1.5	13

#	ARTICLE	IF	CITATIONS
199	Partial least squares-based multivariate spectral calibration method for simultaneous determination of beta-carboline derivatives in <i>Peganum harmala</i> seed extracts. <i>Analytica Chimica Acta</i> , 2006, 575, 290-299.	2.6	62
200	Chemometrics in Iran. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 81, 202-208.	1.8	7
201	Chemometric studies of lysozyme upon interaction with sodium dodecyl sulfate and $\beta$ -cyclodextrin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 52, 31-38.	2.5	25
202	Synthesis, study of 3D structures, and pharmacological activities of lipophilic nitroimidazolyl-1,4-dihydropyridines as calcium channel antagonist. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4842-4849.	1.4	63
203	Simultaneous determination of ascorbic, citric, and tartaric acids by potentiometric titration with PLS calibration. <i>Journal of Analytical Chemistry</i> , 2006, 61, 804-808.	0.4	9
204	Ant colony optimisation: a powerful tool for wavelength selection. <i>Journal of Chemometrics</i> , 2006, 20, 146-157.	0.7	96
205	Accurate prediction of the blood-brain partitioning of a large set of solutes using genetic neural network modeling. <i>Journal of Computational Chemistry</i> , 2006, 27, 1125-1135.	1.5	42
206	Solvatochromic Linear Solvation Energy Relationships (LSER) for Solubility of Gases in Various Solvents by Target Factor Analysis. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 11-19.	0.8	2
207	Design, synthesis, antibacterial and QSAR studies of benzimidazole and imidazole chloroalkoxyalkyl derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1931-1938.	1.4	157
208	Conformational analysis of some new derivatives of 4-nitroimidazolyl-1,4-dihydropyridine-based calcium channel blockers. <i>Computational and Theoretical Chemistry</i> , 2005, 717, 139-152.	1.5	26
209	Computer-aided design of potential anti-HIV-1 non-nucleoside reverse transcriptase inhibitors by contraction of $\beta$ -ring in TIBO derivatives. <i>Computational and Theoretical Chemistry</i> , 2005, 732, 39-45.	1.5	10
210	Wavelet neural network-based QSPR for prediction of critical micelle concentration of Gemini surfactants. <i>Analytica Chimica Acta</i> , 2005, 531, 285-291.	2.6	31
211	Net analyte signal-artificial neural network (NAS-ANN) model for efficient nonlinear multivariate calibration. <i>Analytica Chimica Acta</i> , 2005, 535, 275-285.	2.6	21
212	Correlation ranking procedure for factor selection in PC-ANN modeling and application to ADMETox evaluation. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 75, 231-245.	1.8	65
213	A distinct intermediate of RNase A is induced by sodium dodecyl sulfate at its pKa. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 43, 150-157.	2.5	23
214	Simultaneous Determination of Phenol and Mononitrophenol Isomers Using PLS Regression and Conventional and Derivative Spectrophotometry. <i>Annali Di Chimica</i> , 2005, 95, 63-76.	0.6	13
215	Characterization and prediction of solute properties in methanol-water association by chemometrics analysis of solvation data. <i>Journal of Chemometrics</i> , 2005, 19, 657-667.	0.7	30
216	Toward an Optimal Procedure for PC-ANN Model Building: Prediction of the Carcinogenic Activity of a Large Set of Drugs. <i>ChemInform</i> , 2005, 36, no.	0.1	0

#	ARTICLE	IF	CITATIONS
217	Solubilities of Some Phenyl Derivatives of Dialkyl 1,4-Dihydro-2,6-dimethyl-4-(1-methyl-5-nitro-imidazol-2-yl)- 3,5-pyridinedicarboxylates in Supercritical Carbon Dioxide. Part II. Journal of Chemical & Engineering Data, 2005, 50, 348-351.	1.0	10
218	Solubilities of Some Cyclohexyl Derivatives of Dialkyl 1,4-Dihydro-2,6-dimethyl-4-(1-methyl-5-nitro-imidazol-2-yl)- 3,5-pyridinedicarboxylates (Nifedipine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50, 344-347.	1.0	6
219	Toward an Optimal Procedure for PC-ANN Model Building:Â Prediction of the Carcinogenic Activity of a Large Set of Drugs. Journal of Chemical Information and Modeling, 2005, 45, 190-199.	2.5	65
220	Quantitative Structureâ€“Micellization Relationship Study of Gemini Surfactants Using Genetic-PLS and Genetic-MLR. QSAR and Combinatorial Science, 2004, 23, 416-425.	1.5	16
221	Highly Correlating Distance-Connectivity-Based Topological Indices. 2: Prediction of 15 Properties of a Large Set of Alkanes Using a Stepwise Factor Selection-Based PCR Analysis. QSAR and Combinatorial Science, 2004, 23, 734-753.	1.5	13
222	Application of ab initio theory to QSAR study of 1,4-dihydropyridine-based calcium channel blockers using GA-MLR and PC-GA-ANN procedures. Journal of Computational Chemistry, 2004, 25, 1495-1503.	1.5	52
223	Optimal QSAR analysis of the carcinogenic activity of drugs by correlation ranking and genetic algorithm-based PCR. Journal of Chemometrics, 2004, 18, 475-485.	0.7	58
224	Synthesis, cytotoxicity, QSAR, and intercalation study of new diindenopyridine derivatives. Bioorganic and Medicinal Chemistry, 2004, 12, 2529-2536.	1.4	78
225	Semi-empirical quantum chemical study of the interactions between lysine, arginine and histidine with a homologue set of n-alkyl sulfates in the gas phase and aqueous solution. Computational and Theoretical Chemistry, 2004, 678, 163-169.	1.5	5
226	Molecular modeling and QSAR analysis of the anticonvulsant activity of some N-phenyl-Nâ€“(4-pyridinyl)-urea derivatives. Computational and Theoretical Chemistry, 2004, 684, 43-49.	1.5	10
227	Use of multivariate curve resolution analysis in the spectroelectrochemistry of 9,10-anthraquinone reduction in dimethylformamide solution. Journal of Electroanalytical Chemistry, 2004, 570, 227-234.	1.9	24
228	Application of artificial neural network to simultaneous potentiometric determination of silver(I), mercury(II) and copper(II) ions by an unmodified carbon paste electrode. Talanta, 2004, 64, 590-596.	2.9	40
229	Simultaneous spectrophotometric determination of carbamazepine and phenytoin in serum by PLS regression and comparison with HPLC. Talanta, 2004, 65, 21-8.	2.9	49
230	Highly Correlating Distance/Connectivity-Based Topological Indices. 1:QSPR Studies of Alkanes. Bulletin of the Korean Chemical Society, 2004, 25, 253-259.	1.0	6
231	Title is missing!. Journal of Solution Chemistry, 2003, 32, 215-226.	0.6	17
232	Behavior of Iodine in Binary Mixtures of Cyclohexane with Dioxane and Tetrahydrofuran Using a Multivariate Curve Resolution Technique. Journal of Solution Chemistry, 2003, 32, 819-829.	0.6	9
233	Genetic Algorithm Applied to the Selection of Factors in Principal Component-Artificial Neural Networks: Application of QSAR Study of Calcium Channel Antagonist Activity of 1,4-Dihydropyridines (Nifedipine Analogous).. ChemInform, 2003, 34, no.	0.1	1
234	Application of ab initio theory for the prediction of acidity constants of some 1-hydroxy-9,10-anthraquinone derivatives using genetic neural network. Computational and Theoretical Chemistry, 2003, 635, 183-190.	1.5	51

#	ARTICLE	IF	CITATIONS
235	A study of the photo-degradation kinetics of nifedipine by multivariate curve resolution analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1013-1019.	1.4	43
236	Quantum Chemical-QSAR Study of Some Newly Synthesized 1,4-Dihydropyridine Calcium Channel Blockers. <i>QSAR and Combinatorial Science</i> , 2003, 22, 997-1005.	1.5	29
237	Genetic Algorithm Applied to the Selection of Factors in Principal Component-Artificial Neural Networks: Application to QSAR Study of Calcium Channel Antagonist Activity of 1,4-Dihydropyridines (Nifedipine Analogous). <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 1328-1334.	2.8	112
238	Simultaneous Determination of Promethazine, Chlorpromazine, and Perphenazine by Multivariate Calibration Methods and Derivative Spectrophotometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002, 85, 555-562.	0.7	20
239	Quantitative Structure-Activity Relationship Study of Recently Synthesized 1, 4-Dihydropyridine Calcium Channel Antagonists. Application of the Hansch Analysis Method. <i>Archiv Der Pharmazie</i> , 2002, 335, 472-480.	2.1	37
240	QSAR study of the calcium channel antagonist activity of some recently synthesized dihydropyridine derivatives. An application of genetic algorithm for variable selection in MLR and PLS methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2002, 64, 91-99.	1.8	92
241	Multicomponent acid-base titration by principal component-artificial neural network calibration. <i>Analytica Chimica Acta</i> , 2002, 461, 147-153.	2.6	45
242	Quantitative structure-property relationship study of acidity constants of some 9,10-anthraquinone derivatives using multiple linear regression and partial least-squares procedures. <i>Talanta</i> , 2001, 54, 1113-1120.	2.9	45
243	Flow Injection Spectrophotometric Determination of Nickel by Complexation and Factorial Design Optimization Method. <i>Analytical Letters</i> , 1999, 32, 111-122.	1.0	5
244	Simultaneous spectrophotometric determinations of cobalt, nickel and copper using partial least squares based on singular value decomposition. <i>Talanta</i> , 1999, 49, 587-596.	2.9	54