

# Saeed Yousefinejad

## List of Publications by Citations

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97  
papers

1,144  
citations

19  
h-index

28  
g-index

103  
ext. papers

1,433  
ext. citations

3.5  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
97	Chemometrics tools in QSAR/QSPR studies: A historical perspective. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2015</b> , 149, 177-204	3.8	85
96	Application of nanomaterials in treatment, anti-infection and detection of coronaviruses. <i>Nanomedicine</i> , <b>2020</b> , 15, 1501-1512	5.6	82
95	Multi-walled carbon nanotubes modified with iron oxide and silver nanoparticles (MWCNT-Fe <sub>3</sub> O <sub>4</sub> /Ag) as a novel adsorbent for determining PAEs in carbonated soft drinks using magnetic SPE-GC/MS method. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 476-488	5.9	60
94	Low-temperature biosynthesis of silver nanoparticles using mango leaf extract: catalytic effect, antioxidant properties, anticancer activity and application for colorimetric sensing. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15905-15916	3.6	45
93	Design of C-dots/Fe <sub>3</sub> O <sub>4</sub> magnetic nanocomposite as an efficient new nanozyme and its application for determination of H <sub>2</sub> O <sub>2</sub> in nanomolar level. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 247, 691-696	8.5	42
92	Interaction study of human serum albumin and ZnS nanoparticles using fluorescence spectrometry. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1037, 317-322	3.4	32
91	Novel amino acids indices based on quantum topological molecular similarity and their application to QSAR study of peptides. <i>Amino Acids</i> , <b>2011</b> , 40, 1169-83	3.5	32
90	Removal of methylene blue dye from aqueous solutions by natural clinoptilolite and clinoptilolite modified by iron oxide nanoparticles. <i>Molecular Simulation</i> , <b>2019</b> , 45, 564-571	2	28
89	Insights into the molecular interaction between two polyoxygenated cinnamoylcoumarin derivatives and human serum albumin. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 10099-10115	3.6	27
88	ACE- inhibitory and radical scavenging activities of bioactive peptides obtained from camel milk casein hydrolysis with proteinase K. <i>Dairy Science and Technology</i> , <b>2016</b> , 96, 489-499		26
87	Central Composite Design for Optimizing the Biosynthesis of Silver Nanoparticles using Plantago major Extract and Investigating Antibacterial, Antifungal and Antioxidant Activity. <i>Scientific Reports</i> , <b>2020</b> , 10, 9642	4.9	25
86	Studies on influence of process parameters on simultaneous biodegradation of atrazine and nutrients in aquatic environments by a membrane photobioreactor. <i>Environmental Research</i> , <b>2018</b> , 161, 599-608	7.9	24
85	Enhanced Fenton-like catalytic performance of N-doped graphene quantum dot incorporated CuCo <sub>2</sub> O <sub>4</sub> . <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 9209-9220	3.6	21
84	New LSER Model Based on Solvent Empirical Parameters for the Prediction and Description of the Solubility of Buckminsterfullerene in Various Solvents. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 1620-1632	1.8	21
83	Quantitative structure-retardation factor relationship of protein amino acids in different solvent mixtures for normal-phase thin-layer chromatography. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1771-6	3.4	20
82	Controllable phyto-synthesis of cupric oxide nanoparticles by aqueous extract of Capparis spinosa (caper) leaves and application in iron sensing. <i>Microchemical Journal</i> , <b>2019</b> , 150, 104158	4.8	20
81	Prediction of ETN Polarity Scale of Ionic Liquids Using a QSPR Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 12682-12689	3.9	20

80	Removal of atrazine from water using titanium dioxide encapsulated in salicylaldehyde NH <sub>2</sub> MIL-101 (Cr): Adsorption or oxidation mechanism. <i>Journal of Cleaner Production</i> , <b>2019</b> , 224, 238-245	10.3	19
79	Biodegradation of atrazine from wastewater using moving bed biofilm reactor under nitrate-reducing conditions: A kinetic study. <i>Journal of Environmental Management</i> , <b>2018</b> , 212, 506-513	7.9	19
78	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> , <b>2016</b> , 13, 2291-2299	2	19
77	Linear solvent structure-polymer solubility and solvation energy relationships to study conductive polymer/carbon nanotube composite solutions. <i>RSC Advances</i> , <b>2015</b> , 5, 42266-42275	3.7	17
76	New autocorrelation QTMS-based descriptors for use in QSAM of peptides. <i>Journal of the Iranian Chemical Society</i> , <b>2012</b> , 9, 569-577	2	17
75	Structure-electrochemistry relationship in non-aqueous solutions: Predicting the reduction potential of anthraquinones derivatives in some organic solvents. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 212, 52-57	6	16
74	Simultaneous removal of atrazine and organic matter from wastewater using anaerobic moving bed biofilm reactor: A performance analysis. <i>Journal of Environmental Management</i> , <b>2018</b> , 209, 515-524	7.9	16
73	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> , <b>2014</b> , 441, 766-775	5.1	16
72	Multivariate standard addition method solved by net analyte signal calculation and rank annihilation factor analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 394, 1965-75	4.4	16
71	Quantitative structure-retention relationship for chromatographic behaviour of anthraquinone derivatives through considering organic modifier features in micellar liquid chromatography. <i>Journal of Chromatography A</i> , <b>2019</b> , 1599, 46-54	4.5	15
70	Heme degradation upon production of endogenous hydrogen peroxide via interaction of hemoglobin with sodium dodecyl sulfate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2014</b> , 133, 11-7	6.7	15
69	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> , <b>2012</b> , 4, 507-14	3.5	15
68	On the Solubility of Ferrocene in Nonaqueous Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 614-621	2.8	14
67	Application of merged spectroscopic data combined with chemometric analysis for resolution of hemoglobin intermediates during chemical unfolding. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt C, 1974-81	4.4	13
66	Evaluation of kenaf fibers as moving bed biofilm carriers in algal membrane photobioreactor. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 152, 1-7	7	13
65	The hierarchy of preventive measures to protect workers against the COVID-19 pandemic: A review. <i>Work</i> , <b>2020</b> , 67, 771-777	1.6	13
64	Genotoxicity of inhalational anesthetics and its relationship with the polymorphisms of GSTT1, GSTM1, and GSTP1 genes. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 3530-3541	5.1	13
63	Design, synthesis, activity evaluation and QSAR studies of novel antimalarial 1,2,3-triazolo-lactam derivatives. <i>Journal of the Iranian Chemical Society</i> , <b>2018</b> , 15, 1311-1326	2	12

62	Quantitative sequence-activity modeling of antimicrobial hexapeptides using a segmented principal component strategy: an approach to describe and predict activities of peptide drugs containing L/D and unnatural residues. <i>Amino Acids</i> , <b>2015</b> , 47, 125-34	3.5	11
61	Application of ATR-FTIR spectroscopy and chemometrics for the discrimination of furnace oil, gas oil and mazut oil. <i>Analytical Methods</i> , <b>2016</b> , 8, 4640-4647	3.2	11
60	Response surface approach for isocratic separation of some natural anthraquinone dyes by micellar liquid chromatography. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 242, 1058-1065	6	11
59	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> , <b>2009</b> , 98, 78-87	3.8	11
58	Design of an optical sensor for the determination of cysteine based on the spectrophotometric method in a triacetylcellulose film: PC-ANN application. <i>Analytical Methods</i> , <b>2014</b> , 6, 8482-8487	3.2	10
57	Preparation of epoxidized soybean oil-grafted Fe <sub>3</sub> O <sub>4</sub> /BiO <sub>2</sub> as a water-dispersible hydrophobic nanocomposite for solid-phase extraction of rhodamine B. <i>Microchemical Journal</i> , <b>2016</b> , 129, 236-242	4.8	9
56	Catalytic ozonation process using CuO/clinoptilolite zeolite for the removal of formaldehyde from the air stream. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 6629-6636	3.3	9
55	Quantitative structure-activity relationship to predict the anti-malarial activity in a set of new imidazolopiperazines based on artificial neural networks. <i>Malaria Journal</i> , <b>2019</b> , 18, 310	3.6	8
54	New relationship models for solvent-pyrene solubility based on molecular structure and empirical properties. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10197-10207	3.6	8
53	Vitamin E induces regular structure and stability of human insulin, more intense than vitamin D. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 93, 868-878	7.9	7
52	Ventilatory disorders associated with occupational inhalation exposure to nitrogen trihydride (ammonia). <i>Industrial Health</i> , <b>2018</b> , 56, 427-435	2.5	7
51	Quantitative structural modeling on the wavelength interval (III) in synchronous fluorescence spectroscopy. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1148, 101-110	3.4	7
50	Comparison between the gas-liquid solubility of methanol and ethanol in different organic phases using structural properties of solvents. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 241, 861-869	6	7
49	Antioxidant, cytotoxic and catalytic degradation efficiency of controllable phyto-synthesised silver nanoparticles with high stability using Cordia myxa extract. <i>Journal of Experimental Nanoscience</i> , <b>2019</b> , 14, 141-159	1.9	7
48	Evaluation of long-heating kinetic process of edible oils using ATR-FTIR and chemometrics tools. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 659-668	3.3	6
47	Investigation of the effective parameters on the gas-solvent partition coefficient of trans -stilbene using solvent-solubility approaches. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 231, 263-271	6	6
46	Comparison of different carbon nanostructures influence on potentiometric performance of carbon paste electrode. <i>Russian Journal of Electrochemistry</i> , <b>2016</b> , 52, 955-959	1.2	6
45	Quantitative sequence-activity modeling of ACE peptide originated from milk using ACC-QTMS amino acid indices. <i>Amino Acids</i> , <b>2019</b> , 51, 1209-1220	3.5	6

44	GCMS analysis and antimosquito activities of Juniperus virginiana essential oil against Anopheles stephensi (Diptera: Culicidae). <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2019</b> , 9, 168	1.4	6
43	Feasibility of replacing homemade solutions by commercial products for qualitative fit testing of particulate respirators: a mixed effect logistic regression study. <i>MethodsX</i> , <b>2019</b> , 6, 1313-1322	1.9	5
42	Photocatalytic degradation of alachlor by TiO <sub>2</sub> nanoparticles from aqueous solutions under UV radiation. <i>Journal of Experimental Nanoscience</i> , <b>2019</b> , 14, 116-128	1.9	5
41	Hydrophobic behavior, ROS production, and heme degradation of hemoglobin upon interaction with n-alkyl sulfates. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 2103-2111	2	5
40	Early, Subclinical Hematological Changes Associated with Occupational Exposure to High Levels of Nitrous Oxide. <i>Toxics</i> , <b>2018</b> , 6,	4.7	5
39	Vortex-assisted dispersive liquid-liquid microextraction based on hydrophobic deep eutectic solvent for the simultaneous identification of eight synthetic dyes in jellies and drinks using HPLC-PDA. <i>Microchemical Journal</i> , <b>2021</b> , 170, 106671	4.8	5
38	Investigation and Modeling of the Solubility of Anthracene in Organic Phases. <i>Journal of Solution Chemistry</i> , <b>2017</b> , 46, 352-373	1.8	4
37	Classification of Edible Oils Based on ATR-FTIR Spectral Information During a Long Heating Treatment. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 351-358	1.7	4
36	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> , <b>2018</b> , 203, 90-99	3.8	4
35	Toxic responses of the liver and kidneys following occupational exposure to anesthetic gases. <i>EXCLI Journal</i> , <b>2020</b> , 19, 418-429	2.4	4
34	Highly efficient catalytic degradation of p-nitrophenol by Mn <sub>3</sub> O <sub>4</sub> .CuO nanocomposite as a heterogeneous fenton-like catalyst. <i>Journal of Experimental Nanoscience</i> , <b>2020</b> , 15, 322-336	1.9	4
33	Association between genotoxic properties of inhalation anesthetics and oxidative stress biomarkers. <i>Toxicology and Industrial Health</i> , <b>2020</b> , 36, 454-466	1.8	4
32	In-syringe ionic liquid-dispersive liquid-liquid microextraction coupled with HPLC for the determination of trans,trans-muconic acid in human urine sample. <i>Journal of Separation Science</i> , <b>2021</b> , 44, 3126-3136	3.4	4
31	First molecular-based detection of SARS-CoV-2 virus in the field-collected houseflies. <i>Scientific Reports</i> , <b>2021</b> , 11, 13884	4.9	4
30	Biological evaluation of 9-(1H-Indol-3-yl) xanthen-4-(9H)-ones derivatives as noncompetitive $\beta$ -glucosidase inhibitors: kinetics and molecular mechanisms. <i>Structural Chemistry</i> , <b>2019</b> , 30, 703-714	1.8	4
29	Assessment of aloe vera for qualitative fit testing of particulate respirators: a logistic regression approach. <i>Industrial Health</i> , <b>2020</b> , 58, 46-53	2.5	4
28	Investigating the Electrocoagulation Treatment of Landfill Leachate by Iron/Graphite Electrodes: Process Parameters and Efficacy Assessment. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 205	3	3
27	Effects of Low-level Occupational Exposure to Ammonia on Hematological Parameters and Kidney Function. <i>International Journal of Occupational and Environmental Medicine</i> , <b>2019</b> , 10, 80-88	4.1	3

26	Toxicological Effects of Inhalation Exposure to Trichloroethylene on Serum Immunoglobulin and Electrolyte Levels in Rats. <i>Health Scope</i> , <b>2019</b> , 8,	1.1	3
25	Toxic effects of subacute inhalation exposure to trichloroethylene on serum lipid profile, glucose and biochemical parameters in Sprague-Dawley rats. <i>Inhalation Toxicology</i> , <b>2018</b> , 30, 354-360	2.7	3
24	Structure-retardation factor relationship of natural amino acids in two different mobile phases of RP-TLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2020</b> , 43, 580-588	1.3	2
23	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-16	1.8	2
22	UV DETERMINATION OF EPINEPHRINE, URIC ACID, AND ACETAMINOPHEN IN PHARMACEUTICAL FORMULATIONS AND SOME HUMAN BODY FLUIDS USING MULTIVARIATE CALIBRATION. <i>Quimica Nova</i> , <b>2014</b> ,	1.6	2
21	Electro Fenton process catalyzed by Fe@Fe <sub>2</sub> O <sub>3</sub> nanowire for degradation of carbamazepine from aqueous solutions	162, 44-59	2
20	Ionic liquids in biological monitoring for exposure assessments. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117732	6	2
19	Structure-solubility and solvation energy relationships for propanol in different solvents using structural and empirical scales. <i>Journal of the Chinese Chemical Society</i> , <b>2021</b> , 68, 1604	1.5	2
18	Prediction of different antibacterial activity in a new set of formyl hydroxyamino derivatives with potent action on peptide deformylase using structural information. <i>Structural Chemistry</i> , <b>2019</b> , 30, 925-938	1.8	2
17	Controllable phyto-synthesised copper nanoparticles for antioxidant and label-free colorimetric iron detection purposes. <i>International Journal of Environmental Analytical Chemistry</i> , 1-19	1.8	2
16	Classification of methamphetamine seized in different regions of Iran using GC/MS and chemometrics. <i>Journal of the Iranian Chemical Society</i> , <b>2018</b> , 15, 163-170	2	1
15	Structure-electrochemistry relationship for monovalent alkaline metals in non-aqueous solutions. <i>Physics and Chemistry of Liquids</i> , <b>2019</b> , 57, 600-620	1.5	1
14	Deconvolution and binding study of camel and human serum albumins upon interaction with sodium dodecyl sulphate. <i>Journal of the Iranian Chemical Society</i> , <b>2014</b> , 11, 1449-1457	2	1
13	Assessment of respiratory exposure to cypermethrin among farmers and farm workers of Shiraz, Iran. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 187	3.1	1
12	Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid from aqueous solutions by AgPO/TiO <sub>2</sub> nanoparticles under visible light: kinetic and thermodynamic studies. <i>Water Science and Technology</i> , <b>2021</b> , 83, 3110-3122	2.2	1
11	Solvent property-ion conductivity relationship for lithium, sodium and potassium ions in non-aqueous solvents using QSER. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 277, 705-713	6	1
10	Prediction of retardation factor of protein amino acids in reversed phase TLC and ethanol-sodium azide solution as the mobile phase using QSRR. <i>Journal of the Serbian Chemical Society</i> , <b>2021</b> , 86, 381-391	0.9	1
9	Solidified floating organic droplet microextraction coupled with HPLC for rapid determination of trans, trans muconic acid in benzene biomonitoring. <i>Scientific Reports</i> , <b>2021</b> , 11, 15751	4.9	1

8	Inhalation health risk assessment of occupational exposure to cypermethrin in farmers. <i>International Journal of Environmental Analytical Chemistry</i> ,1-11	1.8	o
7	QSAR analysis of the acetylcholinesterase inhibitory activity of some tertiary amine derivatives of cinnamic acid. <i>Structural Chemistry</i> , <b>2021</b> , 32, 1123-1132	1.8	o
6	Comparison of sampling and spectrophotometric determination of ammonia using nesslerization with standard ion chromatography in air monitoring of workplaces. <i>International Journal of Environmental Analytical Chemistry</i> ,1-9	1.8	o
5	Carbon nanomaterials as promising substrates in the design of sensors for SARS-CoV-2 and new emerging viral infections. <i>Nanomedicine</i> , <b>2021</b> , 16, 2033-2037	5.6	o
4	Improvement of performance and function in respiratory protection equipment using nanomaterials.. <i>Journal of Nanoparticle Research</i> , <b>2022</b> , 24, 76	2.3	o
3	An efficient removal of methylene blue and lead(II) from aqueous solutions by green synthesized iron oxide/pillared bentonite nanocomposite. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 287, 126266	4.4	o
2	High performance nanozymatic assay-based CuO nanocluster supported by reduced graphene oxide for determination of hydrogen peroxide and ascorbic acid. <i>Process Biochemistry</i> , <b>2021</b> , 111, 256-256	4.8	
1	Removal of benzo [a]pyrene vapours from the air stream using the two-phase partitioning bioscrubber: an intervention study. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-15	1.8	