Saeed Yousefinejad

List of Publications by Year in Descending Order

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	Investigating the Electrocoagulation Treatment of Landfill Leachate by Iron/Graphite Electrodes: Process Parameters and Efficacy Assessment. *Water (Switzerland)*, **2022**, 14, 205	3	3
96	Improvement of performance and function in respiratory protection equipment using nanomaterials.. *Journal of Nanoparticle Research*, **2022**, 24, 76	2.3	0
95	An efficient removal of methylene blue and lead(II) from aqueous solutions by green synthesized iron oxide/pillared bentonite nanocomposite. *Materials Chemistry and Physics*, **2022**, 287, 126266	4.4	0
94	Ionic liquids in biological monitoring for exposure assessments. *Journal of Molecular Liquids*, **2021**, 344, 117732	6	2
93	High performance nanozymatic assay-based CuO nanocluster supported by reduced graphene oxide for determination of hydrogen peroxide and ascorbic acid. *Process Biochemistry*, **2021**, 111, 256-256	4.8	
92	Assessment of respiratory exposure to cypermethrin among farmers and farm workers of Shiraz, Iran. *Environmental Monitoring and Assessment*, **2021**, 193, 187	3.1	1
91	Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid from aqueous solutions by AgPO/TiO nanoparticles under visible light: kinetic and thermodynamic studies. *Water Science and Technology*, **2021**, 83, 3110-3122	2.2	1
90	In-syringe ionic liquid-dispersive liquid-liquid microextraction coupled with HPLC for the determination of trans,trans-muconic acid in human urine sample. *Journal of Separation Science*, **2021**, 44, 3126-3136	3.4	4
89	Structure□olubility and solvation energy relationships for propanol in different solvents using structural and empirical scales. *Journal of the Chinese Chemical Society*, **2021**, 68, 1604	1.5	2
88	First molecular-based detection of SARS-CoV-2 virus in the field-collected houseflies. *Scientific Reports*, **2021**, 11, 13884	4.9	4
87	Prediction of retardation factor of protein amino acids in reversed phase TLC and ethanol-sodium azide solution as the mobile phase using QSRR. *Journal of the Serbian Chemical Society*, **2021**, 86, 381-391	0.9	1
86	QSAR analysis of the acetylcholinesterase inhibitory activity of some tertiary amine derivatives of cinnamic acid. *Structural Chemistry*, **2021**, 32, 1123-1132	1.8	0
85	Solidified floating organic droplet microextraction coupled with HPLC for rapid determination of trans, trans muconic acid in benzene biomonitoring. *Scientific Reports*, **2021**, 11, 15751	4.9	1
84	Carbon nanomaterials as promising substrates in the□design of sensors for SARS-CoV-2 and new emerging viral infections. *Nanomedicine*, **2021**, 16, 2033-2037	5.6	0
83	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. *Microchemical Journal*, **2021**, 170, 106671	4.8	5
82	Application of nanomaterials in treatment, anti-infection and detection of coronaviruses. *Nanomedicine*, **2020**, 15, 1501-1512	5.6	82
81	Structure□etardation factor relationship of natural amino acids in two different mobile phases of RP-TLC. *Journal of Liquid Chromatography and Related Technologies*, **2020**, 43, 580-588	1.3	2

80	Central Composite Design for Optimizing the Biosynthesis of Silver Nanoparticles using Plantago major Extract and Investigating Antibacterial, Antifungal and Antioxidant Activity. *Scientific Reports* , **2020**, 10, 9642	4.9	25
79	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-16	1.8	2
78	Toxic responses of the liver and kidneys following occupational exposure to anesthetic gases. *EXCLI Journal*, **2020**, 19, 418-429	2.4	4
77	The hierarchy of preventive measures to protect workers against the COVID-19 pandemic: A review. *Work*, **2020**, 67, 771-777	1.6	13
76	Highly efficient catalytic degradation of p-nitrophenol by Mn3O4.CuO nanocomposite as a heterogeneous fenton-like catalyst. *Journal of Experimental Nanoscience*, **2020**, 15, 322-336	1.9	4
75	Removal of benzo [a]pyrene vapours from the air stream using the two-phase partitioning bioscrubber: an intervention study. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-15	1.8	
74	Association between genotoxic properties of inhalation anesthetics and oxidative stress biomarkers. *Toxicology and Industrial Health*, **2020**, 36, 454-466	1.8	4
73	Assessment of aloe vera for qualitative fit testing of particulate respirators: a logistic regression approach. *Industrial Health*, **2020**, 58, 46-53	2.5	4
72	Quantitative structure-activity relationship to predict the anti-malarial activity in a set of new imidazolopiperazines based on artificial neural networks. *Malaria Journal*, **2019**, 18, 310	3.6	8
71	Feasibility of replacing homemade solutions by commercial products for qualitative fit testing of particulate respirators: a mixed effect logistic regression study. *MethodsX*, **2019**, 6, 1313-1322	1.9	5
70	Removal of atrazine from water using titanium dioxide encapsulated in salicylaldehyde NH2MIL-101 (Cr): Adsorption or oxidation mechanism. *Journal of Cleaner Production*, **2019**, 224, 238-245	10.3	19
69	Quantitative structure-retention relationship for chromatographic behaviour of anthraquinone derivatives through considering organic modifier features in micellar liquid chromatography. *Journal of Chromatography A*, **2019**, 1599, 46-54	4.5	15
68	Structure-electrochemistry relationship for monovalent alkaline metals in non-aqueous solutions. *Physics and Chemistry of Liquids*, **2019**, 57, 600-620	1.5	1
67	Controllable phyto-synthesis of cupric oxide nanoparticles by aqueous extract of Capparis spinosa (caper) leaves and application in iron sensing. *Microchemical Journal*, **2019**, 150, 104158	4.8	20
66	Quantitative sequence-activity modeling of ACE peptide originated from milk using ACC-QTMS amino acid indices. *Amino Acids*, **2019**, 51, 1209-1220	3.5	6
65	Photocatalytic degradation of alachlor by TiO2 nanoparticles from aqueous solutions under UV radiation. *Journal of Experimental Nanoscience*, **2019**, 14, 116-128	1.9	5
64	Effects of Low-level Occupational Exposure to Ammonia on Hematological Parameters and Kidney Function. *International Journal of Occupational and Environmental Medicine*, **2019**, 10, 80-88	4.1	3
63	GC–MS analysis and anti-mosquito activities of Juniperus virginiana essential oil against Anopheles stephensi (Diptera: Culicidae). *Asian Pacific Journal of Tropical Biomedicine*, **2019**, 9, 168	1.4	6

62	Toxicological Effects of Inhalation Exposure to Trichloroethylene on Serum Immunoglobulin and Electrolyte Levels in Rats. *Health Scope*, **2019**, 8,	1.1	3
61	Antioxidant, cytotoxic and catalytic degradation efficiency of controllable phyto-synthesised silver nanoparticles with high stability using Cordia myxa extract. *Journal of Experimental Nanoscience*, **2019**, 14, 141-159	1.9	7
60	Biological evaluation of 9-(1H-Indol-3-yl) xanthen-4-(9H)-ones derivatives as noncompetitive □-glucosidase inhibitors: kinetics and molecular mechanisms. *Structural Chemistry*, **2019**, 30, 703-714	1.8	4
59	Prediction of different antibacterial activity in a new set of formyl hydroxyamino derivatives with potent action on peptide deformylase using structural information. *Structural Chemistry*, **2019**, 30, 925-936	1.8	2
58	Removal of methylene blue dye from aqueous solutions by natural clinoptilolite and clinoptilolite modified by iron oxide nanoparticles. *Molecular Simulation*, **2019**, 45, 564-571	2	28
57	Solvent property-ion conductivity relationship for lithium, sodium and potassium ions in non-aqueous solvents using QSER. *Journal of Molecular Liquids*, **2019**, 277, 705-713	6	1
56	Catalytic ozonation process using CuO/clinoptilolite zeolite for the removal of formaldehyde from the air stream. *International Journal of Environmental Science and Technology*, **2019**, 16, 6629-6636	3.3	9
55	Genotoxicity of inhalational anesthetics and its relationship with the polymorphisms of GSTT1, GSTM1, and GSTP1 genes. *Environmental Science and Pollution Research*, **2019**, 26, 3530-3541	5.1	13
54	Multi-walled carbon nanotubes modified with iron oxide and silver nanoparticles (MWCNT-Fe3O4/Ag) as a novel adsorbent for determining PAEs in carbonated soft drinks using magnetic SPE-GC/MS method. *Arabian Journal of Chemistry*, **2019**, 12, 476-488	5.9	60
53	Biodegradation of atrazine from wastewater using moving bed biofilm reactor under nitrate-reducing conditions: A kinetic study. *Journal of Environmental Management*, **2018**, 212, 506-513	7.9	19
52	Design, synthesis, activity evaluation and QSAR studies of novel antimalarial 1,2,3-triazolo-□-lactam derivatives. *Journal of the Iranian Chemical Society*, **2018**, 15, 1311-1326	2	12
51	Enhanced Fenton-like catalytic performance of N-doped graphene quantum dot incorporated CuCo2O4. *New Journal of Chemistry*, **2018**, 42, 9209-9220	3.6	21
50	Evaluation of kenaf fibers as moving bed biofilm carriers in algal membrane photobioreactor. *Ecotoxicology and Environmental Safety*, **2018**, 152, 1-7	7	13
49	Simultaneous removal of atrazine and organic matter from wastewater using anaerobic moving bed biofilm reactor: A performance analysis. *Journal of Environmental Management*, **2018**, 209, 515-524	7.9	16
48	Studies on influence of process parameters on simultaneous biodegradation of atrazine and nutrients in aquatic environments by a membrane photobioreactor. *Environmental Research*, **2018**, 161, 599-608	7.9	24
47	Classification of methamphetamine seized in different regions of Iran using GC□MS and chemometrics. *Journal of the Iranian Chemical Society*, **2018**, 15, 163-170	2	1
46	Ventilatory disorders associated with occupational inhalation exposure to nitrogen trihydride (ammonia). *Industrial Health*, **2018**, 56, 427-435	2.5	7
45	Excitation- emission matrix fluorescence spectroscopy combined with three-way chemometrics analysis to follow denatured states of secondary structure of bovine serum albumin. *Journal of Luminescence*, **2018**, 203, 90-99	3.8	4

44	Early, Subclinical Hematological Changes Associated with Occupational Exposure to High Levels of Nitrous Oxide. *Toxics*, **2018**, 6,	4.7	5
43	Toxic effects of subacute inhalation exposure to trichloroethylene on serum lipid profile, glucose and biochemical parameters in Sprague-Dawley rats. *Inhalation Toxicology*, **2018**, 30, 354-360	2.7	3
42	Low-temperature biosynthesis of silver nanoparticles using mango leaf extract: catalytic effect, antioxidant properties, anticancer activity and application for colorimetric sensing. *New Journal of Chemistry*, **2018**, 42, 15905-15916	3.6	45
41	Evaluation of long-heating kinetic process of edible oils using ATR-FTIR and chemometrics tools. *Journal of Food Science and Technology*, **2017**, 54, 659-668	3.3	6
40	Investigation of the effective parameters on the gas-solvent partition coefficient of trans -stilbene using solvent-solubility approaches. *Journal of Molecular Liquids*, **2017**, 231, 263-271	6	6
39	Investigation and Modeling of the Solubility of Anthracene in Organic Phases. *Journal of Solution Chemistry*, **2017**, 46, 352-373	1.8	4
38	Design of C-dots/Fe3O4 magnetic nanocomposite as an efficient new nanozyme and its application for determination of H2O2 in nanomolar level. *Sensors and Actuators B: Chemical*, **2017**, 247, 691-696	8.5	42
37	Classification of Edible Oils Based on ATR-FTIR Spectral Information During a Long Heating Treatment. *Journal of AOAC INTERNATIONAL*, **2017**, 100, 351-358	1.7	4
36	Insights into the molecular interaction between two polyoxygenated cinnamoylcoumarin derivatives and human serum albumin. *Physical Chemistry Chemical Physics*, **2017**, 19, 10099-10115	3.6	27
35	Quantitative structural modeling on the wavelength interval (□) in synchronous fluorescence spectroscopy. *Journal of Molecular Structure*, **2017**, 1148, 101-110	3.4	7
34	Response surface approach for isocratic separation of some natural anthraquinone dyes by micellar liquid chromatography. *Journal of Molecular Liquids*, **2017**, 242, 1058-1065	6	11
33	Comparison between the gas-liquid solubility of methanol and ethanol in different organic phases using structural properties of solvents. *Journal of Molecular Liquids*, **2017**, 241, 861-869	6	7
32	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. *Journal of the Iranian Chemical Society*, **2016**, 13, 2291-2299	2	19
31	Vitamin E induces regular structure and stability of human insulin, more intense than vitamin D. *International Journal of Biological Macromolecules*, **2016**, 93, 868-878	7.9	7
30	Comparison of different carbon nanostructures influence on potentiometric performance of carbon paste electrode. *Russian Journal of Electrochemistry*, **2016**, 52, 955-959	1.2	6
29	New relationship models for solvent□yrene solubility based on molecular structure and empirical properties. *New Journal of Chemistry*, **2016**, 40, 10197-10207	3.6	8
28	Application of ATR-FTIR spectroscopy and chemometrics for the discrimination of furnace oil, gas oil and mazut oil. *Analytical Methods*, **2016**, 8, 4640-4647	3.2	11
27	On the Solubility of Ferrocene in Nonaqueous Solvents. *Journal of Chemical & Engineering Data* , **2016**, 61, 614-621	2.8	14

26	Hydrophobic behavior, ROS production, and heme degradation of hemoglobin upon interaction with n-alkyl sulfates. *Journal of the Iranian Chemical Society*, **2016**, 13, 2103-2111	2	5
25	Preparation of epoxidized soybean oil-grafted Fe3O4SiO2 as a water-dispersible hydrophobic nanocomposite for solid-phase extraction of rhodamine B. *Microchemical Journal*, **2016**, 129, 236-242	4.8	9
24	ACE- inhibitory and radical scavenging activities of bioactive peptides obtained from camel milk casein hydrolysis with proteinase K. *Dairy Science and Technology*, **2016**, 96, 489-499		26
23	Quantitative structure-retardation factor relationship of protein amino acids in different solvent mixtures for normal-phase thin-layer chromatography. *Journal of Separation Science*, **2015**, 38, 1771-6	3.4	20
22	Chemometrics tools in QSAR/QSPR studies: A historical perspective. *Chemometrics and Intelligent Laboratory Systems*, **2015**, 149, 177-204	3.8	85
21	Linear solvent structure-polymer solubility and solvation energy relationships to study conductive polymer/carbon nanotube composite solutions. *RSC Advances*, **2015**, 5, 42266-42275	3.7	17
20	Structure electrochemistry relationship in non-aqueous solutions: Predicting the reduction potential of anthraquinones derivatives in some organic solvents. *Journal of Molecular Liquids*, **2015**, 212, 52-57	6	16
19	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. *Amino Acids*, **2015**, 47, 125-34	3.5	11
18	Application of merged spectroscopic data combined with chemometric analysis for resolution of hemoglobin intermediates during chemical unfolding. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 136 Pt C, 1974-81	4.4	13
17	Prediction of ETN Polarity Scale of Ionic Liquids Using a QSPR Approach. *Industrial & Engineering Chemistry Research*, **2015**, 54, 12682-12689	3.9	20
16	Deconvolution and binding study of camel and human serum albumins upon interaction with sodium dodecyl sulphate. *Journal of the Iranian Chemical Society*, **2014**, 11, 1449-1457	2	1
15	Design of an optical sensor for the determination of cysteine based on the spectrophotometric method in a triacetylcellulose film: PC-ANN application. *Analytical Methods*, **2014**, 6, 8482-8487	3.2	10
14	UV DETERMINATION OF EPINEPHRINE, URIC ACID, AND ACETAMINOPHEN IN PHARMACEUTICAL FORMULATIONS AND SOME HUMAN BODY FLUIDS USING MULTIVARIATE CALIBRATION. *Quimica Nova*, **2014**,	1.6	2
13	Heme degradation upon production of endogenous hydrogen peroxide via interaction of hemoglobin with sodium dodecyl sulfate. *Journal of Photochemistry and Photobiology B: Biology*, **2014**, 133, 11-7	6.7	15
12	A chemometrics approach to predict the dispersibility of graphene in various liquid phases using theoretical descriptors and solvent empirical parameters. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 441, 766-775	5.1	16
11	New LSER Model Based on Solvent Empirical Parameters for the Prediction and Description of the Solubility of Buckminsterfullerene in Various Solvents. *Journal of Solution Chemistry*, **2013**, 42, 1620-1632	1.8	21
10	Interaction study of human serum albumin and ZnS nanoparticles using fluorescence spectrometry. *Journal of Molecular Structure*, **2013**, 1037, 317-322	3.4	32
9	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. *Drug Testing and Analysis*, **2012**, 4, 507-14	3.5	15

8	New autocorrelation QTMS-based descriptors for use in QSAM of peptides. *Journal of the Iranian Chemical Society*, **2012**, 9, 569-577	2	17
7	Novel amino acids indices based on quantum topological molecular similarity and their application to QSAR study of peptides. *Amino Acids*, **2011**, 40, 1169-83	3.5	32
6	Multivariate standard addition method solved by net analyte signal calculation and rank annihilation factor analysis. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 1965-75	4.4	16
5	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. *Chemometrics and Intelligent Laboratory Systems*, **2009**, 98, 78-87	3.8	11
4	Electro Fenton process catalyzed by Fe@Fe2O3 nanowire for degradation of carbamazepine from aqueous solutions162, 44-59		2
3	Inhalation health risk assessment of occupational exposure to cypermethrin in farmers. *International Journal of Environmental Analytical Chemistry*,1-11	1.8	0
2	Comparison of sampling and spectrophotometric determination of ammonia using nesslerization with standard ion chromatography in air monitoring of workplaces. *International Journal of Environmental Analytical Chemistry*,1-9	1.8	0
1	Controllable phyto-synthesised copper nanoparticles for antioxidant and label-free colorimetric iron detection purposes. *International Journal of Environmental Analytical Chemistry*,1-19	1.8	2