

# Saeed Yousefinejad

## List of Publications by Year in descending order

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102  
papers

1,773  
citations

304743

22  
h-index

361022

35  
g-index

103  
all docs

103  
docs citations

103  
times ranked

2289  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2023, 103, 1724-1732.	3.3	3
2	Investigating the Electrocoagulation Treatment of Landfill Leachate by Iron/Graphite Electrodes: Process Parameters and Efficacy Assessment. <i>Water (Switzerland)</i> , 2022, 14, 205.	2.7	19
3	Evaluating the effects of dark chocolate formulated with microencapsulated fermented garlic extract on cardio-metabolic indices in hypertensive patients: A crossover, triple-blind placebo-controlled randomized clinical trial. <i>Phytotherapy Research</i> , 2022, , .	5.8	3
4	Improvement of performance and function in respiratory protection equipment using nanomaterials. <i>Journal of Nanoparticle Research</i> , 2022, 24, 76.	1.9	5
5	Rapid and efficient colorimetric sensing of clindamycin and Fe <sup>3+</sup> using controllable phyto-synthesized silver/silver chloride nanoparticles by <i>Syzygium cumini</i> fruit extract. <i>Journal of Analytical Science and Technology</i> , 2022, 13, .	2.1	8
6	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> , 2022, 287, 126266.	4.0	7
7	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> , 2021, 86, 381-391.	0.8	1
8	QSAR analysis of the acetylcholinesterase inhibitory activity of some tertiary amine derivatives of cinnamic acid. <i>Structural Chemistry</i> , 2021, 32, 1123-1132.	2.0	1
9	Assessment of respiratory exposure to cypermethrin among farmers and farm workers of Shiraz, Iran. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 187.	2.7	9
10	Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid from aqueous solutions by Ag <sub>3</sub> PO <sub>4</sub> /TiO <sub>2</sub> nanoparticles under visible light: kinetic and thermodynamic studies. <i>Water Science and Technology</i> , 2021, 83, 3110-3122.	2.5	12
11	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> , 2021, 44, 3126-3136.	2.5	10
12	Structure-solubility and solvation energy relationships for propanol in different solvents using structural and empirical scales. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1604.	1.4	6
13	First molecular-based detection of SARS-CoV-2 virus in the field-collected houseflies. <i>Scientific Reports</i> , 2021, 11, 13884.	3.3	14
14	Solidified floating organic droplet microextraction coupled with HPLC for rapid determination of trans, trans muconic acid in benzene biomonitoring. <i>Scientific Reports</i> , 2021, 11, 15751.	3.3	8
15	Carbon nanomaterials as promising substrates in the design of sensors for SARS-CoV-2 and new emerging viral infections. <i>Nanomedicine</i> , 2021, 16, 2033-2037.	3.3	3
16	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> , 2021, 170, 106671.	4.5	36
17	Ionic liquids in biological monitoring for exposure assessments. <i>Journal of Molecular Liquids</i> , 2021, 344, 117732.	4.9	11
18	High performance nanozymatic assay-based CuO nanocluster supported by reduced graphene oxide for determination of hydrogen peroxide and ascorbic acid. <i>Process Biochemistry</i> , 2021, 111, 256-261.	3.7	1

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19	Hemato-Biochemical Responses Of Rats Co-Exposed To Heat Stress And Trichloroethylene Vapors. Russian Open Medical Journal, 2021, 10, .	0.3	1
20	Assessment of aloe vera for qualitative fit testing of particulate respirators: a logistic regression approach. Industrial Health, 2020, 58, 46-53.	1.0	6
21	Highly efficient catalytic degradation of p-nitrophenol by Mn <sub>3</sub> O <sub>4</sub> .CuO nanocomposite as a heterogeneous fenton-like catalyst. Journal of Experimental Nanoscience, 2020, 15, 322-336.	2.4	13
22	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.	3.3	0
23	Association between genotoxic properties of inhalation anesthetics and oxidative stress biomarkers. Toxicology and Industrial Health, 2020, 36, 454-466.	1.4	12
24	Application of nanomaterials in treatment, anti-infection and detection of coronaviruses. Nanomedicine, 2020, 15, 1501-1512.	3.3	119
25	Structure-retardation 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.	1.0	3
26	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.	3.3	58
27	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. International Journal of Environmental Analytical Chemistry, 2020, , 1-16.	3.3	4
28	Toxic responses of the liver and kidneys following occupational exposure to anesthetic gases. EXCLI Journal, 2020, 19, 418-429.	0.7	9
29	The hierarchy of preventive measures to protect workers against the COVID-19 pandemic: A review. Work, 2020, 67, 1-7.	1.1	24
30	Structure-electrochemistry relationship for monovalent alkaline metals in non-aqueous solutions. Physics and Chemistry of Liquids, 2019, 57, 600-620.	1.2	1
31	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.	4.5	39
32	Quantitative sequence-activity modeling of ACE peptide originated from milk using ACC-QTMS amino acid indices. Amino Acids, 2019, 51, 1209-1220.	2.7	10
33	Photocatalytic degradation of alachlor by TiO <sub>2</sub> nanoparticles from aqueous solutions under UV radiation. Journal of Experimental Nanoscience, 2019, 14, 116-128.	2.4	8
34	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.	2.3	12
35	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.	1.6	8
36	Removal of atrazine from water using titanium dioxide encapsulated in salicylaldehyde NH <sub>2</sub> MIL-101 (Cr): Adsorption or oxidation mechanism. Journal of Cleaner Production, 2019, 224, 238-245.	9.3	34

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37	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> , 2019, 1599, 46-54.	3.7	17
38	Antioxidant, cytotoxic and catalytic degradation efficiency of controllable phyto-synthesised silver nanoparticles with high stability using <i>Cordia myxa</i> extract. <i>Journal of Experimental Nanoscience</i> , 2019, 14, 141-159.	2.4	17
39	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> , 2019, 30, 703-714.	2.0	5
40	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> , 2019, 30, 925-936.	2.0	2
41	Removal of methylene blue dye from aqueous solutions by natural clinoptilolite and clinoptilolite modified by iron oxide nanoparticles. <i>Molecular Simulation</i> , 2019, 45, 564-571.	2.0	54
42	Solvent property-ion conductivity relationship for lithium, sodium and potassium ions in non-aqueous solvents using QSER. <i>Journal of Molecular Liquids</i> , 2019, 277, 705-713.	4.9	3
43	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> , 2019, 16, 6629-6636.	3.5	12
44	Genotoxicity of inhalational anesthetics and its relationship with the polymorphisms of GSTT1, GSTM1, and GSTP1 genes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3530-3541.	5.3	25
45	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> , 2019, 12, 476-488.	4.9	94
46	Effects of Low-level Occupational Exposure to Ammonia on Hematological Parameters and Kidney Function. <i>International Journal of Occupational and Environmental Medicine</i> , 2019, 10, 80-88.	4.2	13
47	GC-MS analysis and anti-mosquito activities of <i>Juniperus virginiana</i> essential oil against <i>Anopheles stephensi</i> (Diptera: Culicidae). <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2019, 9, 168.	1.2	18
48	Toxicological Effects of Inhalation Exposure to Trichloroethylene on Serum Immunoglobulin and Electrolyte Levels in Rats. <i>Health Scope</i> , 2019, 8, .	0.6	3
49	Biodegradation of atrazine from wastewater using moving bed biofilm reactor under nitrate-reducing conditions: A kinetic study. <i>Journal of Environmental Management</i> , 2018, 212, 506-513.	7.8	29
50	Design, synthesis, activity evaluation and QSAR studies of novel antimalarial 1,2,3-triazolo- $\beta$ -lactam derivatives. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1311-1326.	2.2	16
51	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> , 2018, 42, 9209-9220.	2.8	33
52	Evaluation of kenaf fibers as moving bed biofilm carriers in algal membrane photobioreactor. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 1-7.	6.0	17
53	Simultaneous removal of atrazine and organic matter from wastewater using anaerobic moving bed biofilm reactor: A performance analysis. <i>Journal of Environmental Management</i> , 2018, 209, 515-524.	7.8	25
54	Studies on influence of process parameters on simultaneous biodegradation of atrazine and nutrients in aquatic environments by a membrane photobioreactor. <i>Environmental Research</i> , 2018, 161, 599-608.	7.5	28

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55	Classification of methamphetamine seized in different regions of Iran using GC-MS and chemometrics. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 163-170.	2.2	2
56	Early, Subclinical Hematological Changes Associated with Occupational Exposure to High Levels of Nitrous Oxide. <i>Toxics</i> , 2018, 6, 70.	3.7	9
57	Toxic effects of subacute inhalation exposure to trichloroethylene on serum lipid profile, glucose and biochemical parameters in Sprague-Dawley rats. <i>Inhalation Toxicology</i> , 2018, 30, 354-360.	1.6	3
58	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> , 2018, 42, 15905-15916.	2.8	68
59	Ventilatory disorders associated with occupational inhalation exposure to nitrogen trihydride (ammonia). <i>Industrial Health</i> , 2018, 56, 427-435.	1.0	16
60	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.	3.1	8
61	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.	2.8	8
62	Investigation of the effective parameters on the gas-solvent partition coefficient of trans -stilbene using solvent-solubility approaches. <i>Journal of Molecular Liquids</i> , 2017, 231, 263-271.	4.9	6
63	Investigation and Modeling of the Solubility of Anthracene in Organic Phases. <i>Journal of Solution Chemistry</i> , 2017, 46, 352-373.	1.2	6
64	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> , 2017, 247, 691-696.	7.8	57
65	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.	1.5	4
66	Insights into the molecular interaction between two polyoxygenated cinnamoylcoumarin derivatives and human serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10099-10115.	2.8	36
67	Quantitative structural modeling on the wavelength interval ( $\lambda_{ex}$ ) in synchronous fluorescence spectroscopy. <i>Journal of Molecular Structure</i> , 2017, 1148, 101-110.	3.6	8
68	Response surface approach for isocratic separation of some natural anthraquinone dyes by micellar liquid chromatography. <i>Journal of Molecular Liquids</i> , 2017, 242, 1058-1065.	4.9	13
69	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> , 2017, 241, 861-869.	4.9	8
70	Hydrophobic behavior, ROS production, and heme degradation of hemoglobin upon interaction with n-alkyl sulfates. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 2103-2111.	2.2	6
71	Preparation of epoxidized soybean oil-grafted Fe <sub>3</sub> O <sub>4</sub> -SiO <sub>2</sub> as a water-dispersible hydrophobic nanocomposite for solid-phase extraction of rhodamine B. <i>Microchemical Journal</i> , 2016, 129, 236-242.	4.5	13
72	ACE- inhibitory and radical scavenging activities of bioactive peptides obtained from camel milk casein hydrolysis with proteinase K. <i>Dairy Science and Technology</i> , 2016, 96, 489-499.	2.2	36

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73	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.	2.2	26
74	Vitamin E induces regular structure and stability of human insulin, more intense than vitamin D3. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 868-878.	7.5	10
75	Comparison of different carbon nanostructures influence on potentiometric performance of carbon paste electrode. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 955-959.	0.9	6
76	New relationship models for solventâ€“pyrene solubility based on molecular structure and empirical properties. <i>New Journal of Chemistry</i> , 2016, 40, 10197-10207.	2.8	8
77	Application of ATR-FTIR spectroscopy and chemometrics for the discrimination of furnace oil, gas oil and mazut oil. <i>Analytical Methods</i> , 2016, 8, 4640-4647.	2.7	13
78	On the Solubility of Ferrocene in Nonaqueous Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 614-621.	1.9	18
79	Prediction of $E^{\text{T}}_{\text{N}}$ Polarity Scale of Ionic Liquids Using a QSPR Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 12682-12689.	3.7	24
80	Quantitative structureâ€“retardation factor relationship of protein amino acids in different solvent mixtures for normalâ€“phase thinâ€“layer chromatography. <i>Journal of Separation Science</i> , 2015, 38, 1771-1776.	2.5	22
81	Chemometrics tools in QSAR/QSPR studies: A historical perspective. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 149, 177-204.	3.5	104
82	Linear solvent structure-polymer solubility and solvation energy relationships to study conductive polymer/carbon nanotube composite solutions. <i>RSC Advances</i> , 2015, 5, 42266-42275.	3.6	18
83	Structureâ€“electrochemistry relationship in non-aqueous solutions: Predicting the reduction potential of anthraquinones derivatives in some organic solvents. <i>Journal of Molecular Liquids</i> , 2015, 212, 52-57.	4.9	22
84	Quantitative sequenceâ€“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> , 2015, 47, 125-134.	2.7	11
85	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> , 2015, 136, 1974-1981.	3.9	16
86	UV DETERMINATION OF EPINEPHRINE, URIC ACID, AND ACETAMINOPHEN IN PHARMACEUTICAL FORMULATIONS AND SOME HUMAN BODY FLUIDS USING MULTIVARIATE CALIBRATION. <i>Quimica Nova</i> , 2014, ,	0.3	3
87	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> , 2014, 133, 11-17.	3.8	18
88	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.	4.7	19
89	Deconvolution and binding study of camel and human serum albumins upon interaction with sodium dodecyl sulphate. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1449-1457.	2.2	2
90	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> , 2014, 6, 8482-8487.	2.7	13

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91	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> , 2013, 42, 1620-1632.	1.2	23
92	Interaction study of human serum albumin and ZnS nanoparticles using fluorescence spectrometry. <i>Journal of Molecular Structure</i> , 2013, 1037, 317-322.	3.6	36
93	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.	2.6	18
94	New autocorrelation QTMS-based descriptors for use in QSAM of peptides. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 569-577.	2.2	19
95	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.	2.7	36
96	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.	3.7	19
97	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.	3.5	11
98	Inhalation health risk assessment of occupational exposure to cypermethrin in farmers. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-11.	3.3	3
99	Controllable phyto-synthesised copper nanoparticles for antioxidant and label-free colorimetric iron detection purposes. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-19.	3.3	3
100	Electro Fenton process catalyzed by Fe@Fe <sub>2</sub> O <sub>3</sub> nanowire for degradation of carbamazepine from aqueous solutions. , 0, 162, 44-59.		7
101	Removal of metformin from aqueous solution using Fe <sup>3+</sup> doped TiO <sub>2</sub> nanoparticles under UV irradiation. , 0, 236, 182-189.		4
102	Investigation of some effective factors on urinary metabolites in biological monitoring of benzene, toluene, and xylene compounds. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-16.	3.3	5