

# Abdolhossein Naseri

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

885  
citations

516215

16  
h-index

500791

28  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube-Ionic Liquid (CNT-IL) Nanocomposite Modified Sol-Gel Derived Carbon-Ceramic Electrode for Simultaneous Determination of Sunset Yellow and Tartrazine in Food Samples. <i>Food Analytical Methods</i> , 2013, 6, 1388-1397.	1.3	89
2	Fluorescence quenching study of quercetin interaction with bovine milk xanthine oxidase. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 190-193.	2.0	87
3	Central composite design for the optimization of removal of the azo dye, methyl orange, from waste water using fenton reaction. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 235-246.	0.4	64
4	Development of kinetic models for photocatalytic ozonation of phenazopyridine on TiO <sub>2</sub> nanoparticles thin film in a mixed semi-batch photoreactor. <i>Applied Catalysis B: Environmental</i> , 2016, 184, 270-284.	10.8	59
5	Interaction of norfloxacin with bovine serum albumin studied by different spectrometric methods; displacement studies, molecular modeling and chemometrics approaches. <i>Journal of Luminescence</i> , 2015, 157, 104-112.	1.5	50
6	A highly sensitive electrochemiluminescence cytosensor for detection of SKBR-3 cells as metastatic breast cancer cell line: A constructive phase in early and precise diagnosis. <i>Biosensors and Bioelectronics</i> , 2021, 178, 113023.	5.3	37
7	Carbon dots preparation as a fluorescent sensing platform for highly efficient detection of Fe(III) ions in biological systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 934-939.	2.0	36
8	Homogeneous Electrochemiluminescence in the Sensors Game: What Have We Learned from Past Experiments?. <i>Analytical Chemistry</i> , 2022, 94, 349-365.	3.2	34
9	Formation of graphene nanoplatelet-like structures on carbon-ceramic electrode surface: application for simultaneous determination of sunset yellow and tartrazine in some food samples. <i>Ionics</i> , 2015, 21, 863-875.	1.2	31
10	Chemometrics approach for determination and optimization of simultaneous photooxidative decolourization of a mixture of three textile dyes. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2305-2317.	1.2	28
11	Interactions of cephalixin with bovine serum albumin: displacement reaction and molecular docking. <i>BioImpacts</i> , 2016, 6, 125-133.	0.7	28
12	Luminol/CdTe quantum dots/sodium periodate system in conjunction with response-surface methodology for chemiluminometric determination of some tetracyclines. <i>Journal of Luminescence</i> , 2014, 151, 57-65.	1.5	27
13	A new multi-wavelength model-based method for determination of enzyme kinetic parameters. <i>Journal of Biosciences</i> , 2010, 35, 395-403.	0.5	23
14	Simultaneous Spectrofluorometric Determination of Piroxicam and Pyridoxine Using Generalized Rank Annihilation Method. <i>Analytical Sciences</i> , 2006, 22, 263-267.	0.8	21
15	A novel spectrophotometric method for determination of kinetic constants of aldehyde oxidase using multivariate calibration method. <i>Journal of Proteomics</i> , 2008, 70, 999-1005.	2.4	21
16	Application of green synthesized WO <sub>3</sub> -poly glutamic acid nanobiocomposite for early stage biosensing of breast cancer using electrochemical approach. <i>Scientific Reports</i> , 2021, 11, 23994.	1.6	17
17	Electrochemical biosensors for stem cell analysis; applications in diagnostics, differentiation and follow-up. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116696.	5.8	17
18	Multivariate curve resolution-alternating least squares (MCR-ALS) and central composite experimental design for monitoring and optimization of simultaneous removal of some organic dyes. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 241-248.	1.2	16

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19	Local resolution of two-way data from multicomponent equilibria. <i>Analytica Chimica Acta</i> , 2006, 562, 94-102.	2.6	15
20	Modeling and optimization of simultaneous photocatalysis of three dyes on ceramic-coated TiO <sub>2</sub> nanoparticles using chemometrics methods: phytotoxicological assessment during degradation process. <i>Research on Chemical Intermediates</i> , 2014, 40, 1283-1302.	1.3	14
21	Air-assisted liquid-liquid microextraction using floating organic droplet solidification for simultaneous extraction and spectrophotometric determination of some drugs in biological samples through chemometrics methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 72-79.	2.0	14
22	Direct chemiluminescence determination of penicillin G potassium and a chemometrical optimization approach. <i>Luminescence</i> , 2011, 26, 622-628.	1.5	13
23	An efficient swarm intelligence approach to feature selection based on invasive weed optimization: Application to multivariate calibration and classification using spectroscopic data. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 194, 202-210.	2.0	13
24	Complex of manganese (II) with curcumin: Spectroscopic characterization, DFT study, model-based analysis and antiradical activity. <i>Journal of Molecular Structure</i> , 2016, 1109, 139-145.	1.8	12
25	Simultaneous Determination of 6-Mercaptopurine and its Oxidative Metabolites in Synthetic Solutions and Human Plasma using Spectrophotometric Multivariate Calibration Methods. <i>BioImpacts</i> , 2011, 1, 53-62.	0.7	11
26	Monitoring of decolorization of a two dyes mixture using spectrophotometric data and multivariate curve resolution: modeling the removal process using an experimental design method. <i>Analytical Methods</i> , 2012, 4, 153-161.	1.3	10
27	Simultaneous Spectrophotometric Determination of Benzoic Acid, Sorbic Acid, and Ascorbic Acid Using a Net Analyte Signal-Based Method. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1807-1814.	0.7	8
28	A second-order standard addition method based on the data treatment by calculation of variation matrix of kinetic systems analyzed by MCR-ALS. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 2206-2215.	0.6	8
29	Carbon nanotube-ionic liquid nanocomposite modified carbon-ceramic electrode for determination of dopamine in real samples. <i>Open Chemistry</i> , 2013, 11, 1172-1186.	1.0	8
30	Simultaneous spectrophotometric determination of phenanthridine, phenanthridinone and phenanthridine N-oxide using multivariate calibration methods. <i>Open Chemistry</i> , 2010, 8, 207-213.	1.0	6
31	Quantitative analysis by resolving variation matrices of pH-Spectrophotometric titration data using Self-Modeling Curve Resolution. <i>Analytical Methods</i> , 2011, 3, 429-437.	1.3	6
32	Second-order advantage in determining Co (II) in real samples using kinetic-spectrophotometric data matrices and multivariate curve resolution-alternating least square approach. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 679-687.	1.2	6
33	Multiple objective optimization of air assisted liquid-liquid microextraction combined with solidified floating organic drop microextraction for simultaneous determination of trace copper and nickel. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1030-1044.	0.5	6
34	Optimization of solid-phase extraction based on a new sol-gel material using a response surface methodology for the determination of copper in water samples by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 279-297.	1.8	5
35	Fabrication of ferrocene functionalised ionic liquid/carbon nanotube nanocomposite modified carbon-ceramic electrode: application to the determination of hydrazine. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 50-67.	1.8	5
36	Resolving of Voltammetric Data for the Ni-Glycine and Cu-Glycine Complexation Systems with Reversible and Irreversible Electrochemical Response Using MCR-ALS. <i>Journal of Solution Chemistry</i> , 2012, 41, 1299-1310.	0.6	4

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37	Optimization of cloud point extraction procedure with response surface methodology for quantification of iron by means of flame atomic absorption spectrometry. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 115-127.	0.4	4
38	Coupling of air-assisted liquid-liquid microextraction method with partial least squares for simultaneous spectrophotometric determination of some preservatives. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 643-653.	1.2	4
39	Variation of ratio kinetic profiles as a simple and novel spectrophotometric method for the simultaneous kinetic analysis of binary mixtures. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 349-361.	0.4	3
40	Electrocatalytic Oxidation and Determination of Nitrite at Multi-walled Carbon Nanotubes Modified Carbon Ceramic Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 314-320.	0.8	3
41	FTIR spectroscopy coupled with multivariate classification methods to identify different powdered infant formulas adulterated with melamine and cyanuric acid. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2541-2548.	1.2	3
42	Development of a new magnetic nanogel based on a copolymer of polyacrylic acid-co-acrylamide-co- $\beta$ -cyclodextrin for extraction/pre-concentration of doxorubicin from biological samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3205-3216.	1.2	3
43	The influence of coupled kinetic-equilibrium in breaking the correlation between kinetic parameters. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 215, 104349.	1.8	3
44	Study of aldehyde oxidase-catalyzed metabolic pathway of phenanthridine using MCR-ALS method. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 173-177.	1.7	2
45	A perspective on the growth of chemometrics in Iran: a glance into activities between 2005 and 2012. <i>Journal of Chemometrics</i> , 2013, 27, 263-277.	0.7	2
46	Hard modeling study of chemical equilibria in mixed solvents. <i>Journal of Chemometrics</i> , 2019, 33, e3098.	0.7	2
47	Simultaneous spectrophotometric determination of benzoic acid, sorbic acid, and ascorbic acid using a net analyte signal-based method. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1807-14.	0.7	2
48	Nickel oxide hollow microsphere for the chemiluminescence determination of tuberculostatic drug isoniazid. <i>Luminescence</i> , 2022, 37, 1184-1191.	1.5	2
49	Model based multi-wavelength spectrophotometric method for calculation of formation constants of phenanthrenequinone thiosemicarbazone complexes with some metallic cations. <i>Current Chemistry Letters</i> , 2013, 2, 69-76.	0.5	1
50	Simultaneous kinetic spectrophotometric determination of Sn(II) and Co(II) by the calculation of the variation of ratio kinetic profiles. <i>Journal of Analytical Chemistry</i> , 2015, 70, 700-707.	0.4	1
51	Designing an interactive molecular autoburette for quantification approach of pharmaceuticals by MCR-ALS. <i>Microchemical Journal</i> , 2022, 174, 107096.	2.3	1