

Abdolhossein Naseri

List of Publications by Year in descending order

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51
papers

885
citations

516710

16
h-index

501196

28
g-index

51
all docs

51
docs citations

51
times ranked

1084
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Designing an interactive molecular autoburette for quantification approach of pharmaceuticals by MCR-ALS. <i>Microchemical Journal</i> , 2022, 174, 107096. | 4.5 | 1 |
| 2 | Homogeneous Electrochemiluminescence in the Sensors Game: What Have We Learned from Past Experiments?. <i>Analytical Chemistry</i> , 2022, 94, 349-365. | 6.5 | 34 |
| 3 | Nickel oxide hollow microsphere for the chemiluminescence determination of tuberculostatic drug isoniazid. <i>Luminescence</i> , 2022, 37, 1184-1191. | 2.9 | 2 |
| 4 | Electrochemical biosensors for stem cell analysis; applications in diagnostics, differentiation and follow-up. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116696. | 11.4 | 17 |
| 5 | 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. | 10.1 | 37 |
| 6 | The influence of coupled kinetic-equilibrium in breaking the correlation between kinetic parameters. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 215, 104349. | 3.5 | 3 |
| 7 | 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. | 1.2 | 6 |
| 8 | Application of green synthesized WO ₃ -poly glutamic acid nanobiocomposite for early stage biosensing of breast cancer using electrochemical approach. <i>Scientific Reports</i> , 2021, 11, 23994. | 3.3 | 17 |
| 9 | Development of a new magnetic nanogel based on a copolymer of polyacrylic acid-co-acrylamide-co- β -cyclodextrin for extraction/pre-concentration of doxorubicin from biological samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3205-3216. | 2.2 | 3 |
| 10 | Hard modeling study of chemical equilibria in mixed solvents. <i>Journal of Chemometrics</i> , 2019, 33, e3098. | 1.3 | 2 |
| 11 | 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. | 3.9 | 13 |
| 12 | 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. | 3.9 | 14 |
| 13 | 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. | 2.2 | 3 |
| 14 | 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. | 2.2 | 4 |
| 15 | Interactions of cephalexin with bovine serum albumin: displacement reaction and molecular docking. <i>BiolImpacts</i> , 2016, 6, 125-133. | 1.5 | 28 |
| 16 | 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. | 2.2 | 6 |
| 17 | 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. | 3.3 | 5 |
| 18 | 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. | 3.6 | 12 |

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|----|---|------|-----------|
| 19 | Development of kinetic models for photocatalytic ozonation of phenazopyridine on TiO ₂ nanoparticles thin film in a mixed semi-batch photoreactor. <i>Applied Catalysis B: Environmental</i> , 2016, 184, 270-284. | 20.2 | 59 |
| 20 | 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. | 3.9 | 36 |
| 21 | 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. | 0.9 | 1 |
| 22 | 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. | 2.4 | 31 |
| 23 | 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. | 3.1 | 50 |
| 24 | 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. | 2.2 | 16 |
| 25 | Modeling and optimization of simultaneous photocatalysis of three dyes on ceramic-coated TiO ₂ nanoparticles using chemometrics methods: phytotoxicological assessment during degradation process. <i>Research on Chemical Intermediates</i> , 2014, 40, 1283-1302. | 2.7 | 14 |
| 26 | 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. | 3.1 | 27 |
| 27 | 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. | 2.6 | 89 |
| 28 | 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. | 1.3 | 2 |
| 29 | 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. | 3.3 | 5 |
| 30 | Carbon nanotube-ionic liquid nanocomposite modified carbon-ceramic electrode for determination of dopamine in real samples. <i>Open Chemistry</i> , 2013, 11, 1172-1186. | 1.9 | 8 |
| 31 | 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. | 1.4 | 3 |
| 32 | 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. | 0.8 | 4 |
| 33 | 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. | 1.6 | 1 |
| 34 | 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. | 0.8 | 64 |
| 35 | 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. | 0.8 | 3 |
| 36 | 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. | 2.2 | 28 |

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|----|--|-----|-----------|
| 37 | 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. | 2.7 | 10 |
| 38 | Resolving of Voltammetric Data for the Ni ²⁺ -Glycine and Cu ²⁺ -Glycine Complexation Systems with Reversible and Irreversible Electrochemical Response Using MCR-ALS. <i>Journal of Solution Chemistry</i> , 2012, 41, 1299-1310. | 1.2 | 4 |
| 39 | Quantitative analysis by resolving variation matrices of pH ²⁺ -Spectrophotometric titration data using Self-Modeling Curve Resolution. <i>Analytical Methods</i> , 2011, 3, 429-437. | 2.7 | 6 |
| 40 | 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 |
| 41 | Study of aldehyde oxidase-catalyzed metabolic pathway of phenanthridine using MCR-ALS method. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 173-177. | 3.4 | 2 |
| 42 | Direct chemiluminescence determination of penicillin G potassium and a chemometrical optimization approach. <i>Luminescence</i> , 2011, 26, 622-628. | 2.9 | 13 |
| 43 | 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. | 1.5 | 11 |
| 44 | Simultaneous spectrophotometric determination of phenanthridine, phenanthridinone and phenanthridine N-oxide using multivariate calibration methods. <i>Open Chemistry</i> , 2010, 8, 207-213. | 1.9 | 6 |
| 45 | A new multi-wavelength model-based method for determination of enzyme kinetic parameters. <i>Journal of Biosciences</i> , 2010, 35, 395-403. | 1.1 | 23 |
| 46 | 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. | 1.5 | 8 |
| 47 | 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. | 3.9 | 87 |
| 48 | 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. | 1.5 | 2 |
| 49 | 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 |
| 50 | Simultaneous Spectrofluorometric Determination of Piroxicam and Pyridoxine Using Generalized Rank Annihilation Method. <i>Analytical Sciences</i> , 2006, 22, 263-267. | 1.6 | 21 |
| 51 | Local resolution of two-way data from multicomponent equilibria. <i>Analytica Chimica Acta</i> , 2006, 562, 94-102. | 5.4 | 15 |