

# Ali Mostafavi

## List of Publications by Year in descending order

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Version: 2024-02-01

129  
papers

3,498  
citations

136950

32  
h-index

197818

49  
g-index

129  
all docs

129  
docs citations

129  
times ranked

4109  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | DyNet-LCCA: a simulation framework for dynamic network-level life-cycle cost analysis in evolving infrastructure systems. <i>Sustainable and Resilient Infrastructure</i> , 2022, 7, 112-129.  | 2.8 | 2         |
| 2  | Design and synthesis of g-C <sub>3</sub> N <sub>4</sub> /(Cu/TiO <sub>2</sub> ) nanocomposite for the visible light photocatalytic degradation of endosulfan in aqueous solutions. <i>Journal of Molecular Structure</i> , 2022, 1258, 132650.   | 3.6 | 16        |
| 3  | Unveiling spatial patterns of disaster impacts and recovery using credit card transaction fluctuations. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2022, 49, 2378-2391.   | 2.0 | 3         |
| 4  | Synthesis and photocatalytic activity of porous ZnO stabilized by TiO <sub>2</sub> and Fe <sub>3</sub> O <sub>4</sub> nanoparticles: investigation of pesticide degradation reaction in water treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9146-9156.                                      | 5.3 | 35        |
| 5  | Novel CuO/TiO <sub>2</sub> /PANI nanocomposite: Preparation and photocatalytic investigation for chlorpyrifos degradation in water under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113038.  | 3.9 | 59        |
| 6  | A novel ultrasonic reverse micelle-assisted electrospun efficient route for Eu-MOF and Eu-MOF/CA composite nanofibers: a high performance photocatalytic treatment for removal of BG pollutant. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4317-4328.   | 5.3 | 15        |
| 7  | WO <sub>3</sub> nanoplates decorated with polyaniline and CdS nanoparticles as a new photocatalyst for degradation of imidacloprid pesticide from water. <i>Environmental Science and Pollution Research</i> , 2021, 28, 35764-35776.  | 5.3 | 14        |
| 8  | Designing a rapid and selective electrochemical nanosensor based on molecularly imprinted polymer on the Fe <sub>3</sub> O <sub>4</sub> /MoS <sub>2</sub> /glassy carbon electrode for detection of immunomodulatory drug pomalidomide. <i>Microchemical Journal</i> , 2021, 164, 106039.                                | 4.5 | 11        |
| 9  | A novel ultrasonic assisted-reverse micelle procedure to synthesize Eu-MOF nanostructure with high sono/sonophotocatalytic activity: a systematic study for brilliant green dye removal. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22840-22859.  | 2.2 | 4         |
| 10 | Silver-coated magnetic nanoparticles as an efficient delivery system for the antibiotics trimethoprim and sulfamethoxazole against E. Coli and S. aureus: release kinetics and antimicrobial activity. <i>BioMetals</i> , 2021, 34, 1237-1246.   | 4.1 | 15        |
| 11 | Square wave voltammetric determination of anticancer drug flutamide using carbon paste electrode modified by CuO/GO/PANI nanocomposite. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3255-3265.   | 4.9 | 37        |
| 12 | A nanofiber-based filter composed of electrospun PA-66/TiO <sub>2</sub> nanofibers for removal of cement dust. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1737-1752.  | 3.3 | 1         |
| 13 | Investigation of photocatalytic chlorpyrifos degradation by a new silica mesoporous material immobilized by WS <sub>2</sub> and Fe <sub>3</sub> O <sub>4</sub> nanoparticles: Application of response surface methodology. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5343.                                    | 3.5 | 19        |
| 14 | Synthesis of KIT-5 decorated by Bi <sub>2</sub> S <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> photocatalyst for degradation of parathion pesticide in aqueous media: Offering a degradation model and optimization using response surface methodology (RSM). <i>Applied Organometallic Chemistry</i> , 2020, 34, e5345. | 3.5 | 9         |
| 15 | Synthesis of Fe <sub>3</sub> O <sub>4</sub> /CdS@ZnS nanostructure and its application for photocatalytic degradation of chlorpyrifos pesticide and brilliant green dye from aqueous solutions. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109886.   | 6.0 | 64        |
| 16 | Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -PANI-Au Nanocomposite Prepared for Electrochemical Determination of Quercetin in Food Samples and Biological Fluids. <i>Electroanalysis</i> , 2020, 32, 581-587.   | 2.9 | 17        |
| 17 | Constructing S-doped Ni-Co LDH intercalated with Fe <sub>3</sub> O <sub>4</sub> heterostructure photocatalysts for enhanced pesticide degradation. <i>New Journal of Chemistry</i> , 2020, 44, 15584-15592.  | 2.8 | 15        |
| 18 | Preparation of novel ternary g-C <sub>3</sub> N <sub>4</sub> /WO <sub>3</sub> /ZnO nanocomposite adsorbent with highly effective imidacloprid removal: optimization design and a controllable systematic study. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 17903-17920.                   | 2.2 | 9         |

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|----|--|------|-----------|
| 19 | A novel electrochemical sensor based on magnetic core@shell molecularly imprinted nanocomposite (Fe <sub>3</sub> O <sub>4</sub> @graphene oxide@MIP) for sensitive and selective determination of anticancer drug capecitabine. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6626-6638.   | 4.9  | 29        |
| 20 | A novel preconcentration/extraction method for fenitrothion residues and its electrochemical sensing in pistachio kernels. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11268-11275.  | 2.2  | 7         |
| 21 | Sensitive detection of colchicine at a glassy carbon electrode modified with magnetic ionic liquid/CuO nanoparticles/carbon nanofibers in pharmaceutical and plasma samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1753-1764.   | 2.2  | 8         |
| 22 | Electropolymerization of thionine as a stable film along with carbon nanotube for sensitive detection of tetracycline antibiotic drug. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 241-251.   | 2.4  | 6         |
| 23 | A Sensitive Electrochemical Sensor Based on Graphene Oxide Nanosheets Decorated by Fe <sub>3</sub> O <sub>4</sub> @Au Nanostructure Stabilized on Polypyrrole for Efficient Triclosan Sensing. <i>Electroanalysis</i> , 2020, 32, 1297-1303.   | 2.9  | 23        |
| 24 | The electrochemical sensor based on graphene oxide nanosheets decorated by gold nanoparticles and polythiophene for nicotine sensing in biological samples and cigarette. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5471-5477.   | 2.2  | 10        |
| 25 | A novel composite derived from a metal organic framework immobilized within electrospun nanofibrous polymers: An efficient methane adsorbent. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5448.   | 3.5  | 32        |
| 26 | Developing a novel sensor based on ionic liquid molecularly imprinted polymer/gold nanoparticles/graphene oxide for the selective determination of an anti-cancer drug imiquimod. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111620.  | 10.1 | 19        |
| 27 | Resilience-based infrastructure planning and asset management: Study of dual and singular water distribution infrastructure performance using a simulation approach. <i>Sustainable Cities and Society</i> , 2019, 48, 101577.   | 10.4 | 30        |
| 28 | Chitosan/polyvinyl alcohol nanofibrous membranes: towards green super-adsorbents for toxic gases. <i>Heliyon</i> , 2019, 5, e01527.  | 3.2  | 49        |
| 29 | Expression of Concern to Spectrofluorimetric Determination of Melatonin in Kernels of Four Different Pistacia Varieties after Ultrasound-Assisted Solid-Liquid Extraction [Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 132 (2014) 326-329]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 322. | 3.9  | 3         |
| 30 | Evaluating the efficiency of the GO-Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> mesoporous photocatalyst for degradation of chlorpyrifos pesticide under visible light irradiation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4813.  | 3.5  | 34        |
| 31 | The anticonvulsant effects of Ducrosia anethifolia (Boiss) essential oil are produced by its main component alpha-pinene in rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 106-114.  | 0.8  | 25        |
| 32 | Designing an Au/reduced graphene oxide modified carbon paste electrode for the electrochemical quantification of agnuside. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 188-194.  | 7.8  | 14        |
| 33 | Electrospun Nylon-66/5-(4-dimethylaminobenzyliden) rhodanine composite nanofibres for solid phase extraction of palladium ions from wastewater samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 328-342.  | 3.3  | 1         |
| 34 | A novel microwave assisted reverse micelle fabrication route for Th(IV)-MOFs as highly efficient adsorbent nanostructures with controllable structural properties to CO and CH <sub>4</sub> adsorption: Design, and a systematic study. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4816.   | 3.5  | 20        |
| 35 | Decoration of graphene oxide with NiO@polypyrrole core-shell nanoparticles for the sensitive and selective electrochemical determination of piceatannol in grape skin and urine samples. <i>Talanta</i> , 2019, 196, 92-99.  | 5.5  | 14        |
| 36 | Encapsulation and Controlled Release of Vitamin B2 Using Peracetyl-β-Cyclodextrin Polymer-Based Electrospun Nanofiber Scaffold. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 19-25.   | 0.8  | 22        |

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|----|---|-----|-----------|
| 37 | An efficient and controllable ultrasonic-assisted microwave route for flower-like Ta(V)-MOF nanostructures: preparation, fractional factorial design, DFT calculations, and high-performance N <sub>2</sub> adsorption. <i>Journal of Porous Materials</i> , 2018, 25, 1723-1741. | 2.6 | 31        |
| 38 | Multiagent Simulation for Complex Adaptive Modeling of Road Infrastructure Resilience to Sea-Level Rise. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2018, 33, 393-410.  | 9.8 | 39        |
| 39 | Central composite design for optimization and formulation of desulphurization of iron ore concentrate using atmospheric leaching process. <i>Journal of Iron and Steel Research International</i> , 2018, 25, 57-64.  | 2.8 | 2         |
| 40 | A system-of-systems framework for exploratory analysis of climate change impacts on civil infrastructure resilience. <i>Sustainable and Resilient Infrastructure</i> , 2018, 3, 175-192.  | 2.8 | 26        |
| 41 | Application of silica coated magnetite nanoparticles modified with Cu(I)-neocuproine as nanosorbent to simultaneous separation-preconcentration of trace amounts of nitrate and nitrite. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 73, 9-14.                            | 2.7 | 9         |
| 42 | An Electrochemical Immunosensor Based on Poly(Thionine)-Modified Carbon Paste Electrode for the Determination of Prostate Specific Antigen. <i>IEEE Sensors Journal</i> , 2018, 18, 4861-4868.  | 4.7 | 11        |
| 43 | Synthesis of CS/PVA Biodegradable Composite Nanofibers as a Microporous Material with Well Controllable Procedure Through Electrospinning. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1804-1817.  | 5.0 | 27        |
| 44 | A novel synthesis of a new thorium (IV) metal organic framework nanostructure with well controllable procedure through ultrasound assisted reverse micelle method. <i>Ultrasonics Sonochemistry</i> , 2018, 41, 234-251.  | 8.2 | 71        |
| 45 | Understanding Fundamental Phenomena Affecting the Water Conservation Technology Adoption of Residential Consumers Using Agent-Based Modeling. <i>Water (Switzerland)</i> , 2018, 10, 993.   | 2.7 | 35        |
| 46 | Desulfurization of Iron Ores: Processes and Challenges. <i>Steel Research International</i> , 2018, 89, 1700568.  | 1.8 | 17        |
| 47 | A simulation-based framework for concurrent safety and productivity improvement in construction projects. <i>Engineering, Construction and Architectural Management</i> , 2018, 25, 1501-1515.  | 3.1 | 12        |
| 48 | Indirect ultra-trace determination of nitrate and nitrite in food samples by in-syringe liquid microextraction and electrothermal atomic absorption spectrometry. <i>Microchemical Journal</i> , 2018, 142, 135-139.  | 4.5 | 18        |
| 49 | Effects of oregano essential oil on brain TLR4 and TLR2 gene expression and depressive-like behavior in a rat model. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 130.  | 1.8 | 21        |
| 50 | Chemical disbudding of goat kids with subcutaneous administration of synthetic eugenol: Histopathology and morphometry. <i>Veterinary Research Forum</i> , 2018, 9, 225-230.  | 0.3 | 2         |
| 51 | Synthesis of conductive polymeric ionic liquid/Ni nanocomposite and its application to construct a nanostructure based electrochemical sensor for determination of warfarin in the presence of tramadol. <i>Talanta</i> , 2017, 171, 25-31.                                       | 5.5 | 23        |
| 52 | Electrochemical sandwich immunoassay for the prostate specific antigen using a polyclonal antibody conjugated to thionine and horseradish peroxidase. <i>Mikrochimica Acta</i> , 2017, 184, 2731-2738.  | 5.0 | 18        |
| 53 | Service and performance adjusted life cycle assessment: a methodology for dynamic assessment of environmental impacts in infrastructure systems. <i>Sustainable and Resilient Infrastructure</i> , 2017, 2, 117-135.  | 2.8 | 14        |
| 54 | Ultrasound-assisted facile synthesis of a new tantalum(V) metal-organic framework nanostructure: Design, characterization, systematic study, and CO <sub>2</sub> adsorption performance. <i>Journal of Solid State Chemistry</i> , 2017, 250, 32-48.                              | 2.9 | 47        |

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|----|---|-----|-----------|
| 55 | Magnetic ionic liquid assisted single-drop microextraction of ascorbic acid before its voltammetric determination. <i>Journal of Separation Science</i> , 2017, 40, 4041-4049.  | 2.5 | 30        |
| 56 | Ag-4-ATP-MWCNT electrode modified with dsDNA as label-free electrochemical sensor for the detection of daunorubicin anticancer drug. <i>Bioelectrochemistry</i> , 2017, 118, 161-167.   | 4.6 | 23        |
| 57 | Separation and preconcentration of hemin from serum samples followed by voltammetric determination. <i>Journal of Molecular Liquids</i> , 2017, 242, 91-97.   | 4.9 | 14        |
| 58 | Synthesis and application of conductive polymeric ionic liquid/Ni nanocomposite to construct a nanostructure based electrochemical sensor for determination of risperidone and methylphenidate. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 198-205. | 3.8 | 19        |
| 59 | Bimetallic Pd-Mo nanoalloys supported on Vulcan XC-72R carbon as anode catalysts for direct alcohol fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 3215-3221.   | 7.1 | 40        |
| 60 | Metanetwork Framework for Integrated Performance Assessment under Uncertainty in Construction Projects. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, .  | 4.7 | 15        |
| 61 | Cytotoxic Effect of <i>Thymus caramanicus</i> Jelas on Human Oral Epidermoid Carcinoma KB Cells. <i>Brazilian Dental Journal</i> , 2017, 28, 72-77.   | 1.1 | 21        |
| 62 | Conductive Polymeric Ionic Liquid/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite as an Efficient Catalyst for the Voltammetric Determination of Amlodipine Besylate. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 406-413.                                       | 1.5 | 12        |
| 63 | A System-of-Systems Approach for Integrated Resilience Assessment in Highway Transportation Infrastructure Investment. <i>Infrastructures</i> , 2017, 2, 22.  | 2.8 | 13        |
| 64 | Design of a Sensitive and Selective Electrochemical Aptasensor for the Determination of the Complementary cDNA of miRNA-145 Based on the Intercalation and Electrochemical Reduction of Doxorubicin. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1754-1760.   | 1.5 | 4         |
| 65 | Resilience of Infrastructure Systems to Sea-Level Rise in Coastal Areas: Impacts, Adaptation Measures, and Implementation Challenges. <i>Sustainability</i> , 2016, 8, 1115.  | 3.2 | 66        |
| 66 | Comparison between the Concretes Obtained from Fresh and Distilled <i>Rosa damascena</i> Mill. Flowers. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 479-484.   | 1.9 | 3         |
| 67 | Electrospun composite nanofibers of poly vinyl pyrrolidone and zinc oxide nanoparticles modified carbon paste electrode for electrochemical detection of curcumin. <i>Materials Science and Engineering C</i> , 2016, 68, 789-797.                                  | 7.3 | 23        |
| 68 | Electrospun Pd nanoparticles loaded on Vulcan carbon/ conductive polymeric ionic liquid nanofibers for selective and sensitive determination of tramadol. <i>Analytica Chimica Acta</i> , 2016, 940, 65-72.   | 5.4 | 14        |
| 69 | Bimetallic Pd-Zn nanoalloys supported on Vulcan XC-72R carbon as anode catalysts for oxidation process in formic acid fuel cell. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 13220-13226.   | 7.1 | 27        |
| 70 | Enhanced Fenton-like degradation of methylene blue by magnetically activated carbon/hydrogen peroxide with hydroxylamine as Fenton enhancer. <i>Journal of Molecular Liquids</i> , 2016, 216, 781-787.  | 4.9 | 90        |
| 71 | Fe <sub>3</sub> O <sub>4</sub> and MnO <sub>2</sub> assembled on halloysite nanotubes: A highly efficient solid-phase extractant for electrochemical detection of mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 1-9.                      | 7.8 | 98        |
| 72 | Synthesis and application of novel ion-imprinted polymer coated magnetic multi-walled carbon nanotubes for selective solid phase extraction of lead(II) ions. <i>Materials Science and Engineering C</i> , 2016, 60, 365-373.                                       | 7.3 | 88        |

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|----|---|-----|-----------|
| 73 | Agent-Based Simulation Model for Assessment of Financing Scenarios in Highway Transportation Infrastructure Systems. <i>Journal of Computing in Civil Engineering</i> , 2016, 30, .   | 4.7 | 33        |
| 74 | Nano-iron oxide coated on sand as a new sorbent for removal of arsenic from drinking water. <i>Desalination and Water Treatment</i> , 2016, 57, 13030-13037.  | 1.0 | 13        |
| 75 | A microextraction procedure based on a task-specific ionic liquid for the separation and preconcentration of lead ions from red lipstick and pine leaves. <i>Journal of Separation Science</i> , 2015, 38, 1777-1783.   | 2.5 | 15        |
| 76 | Extraction and preconcentration of hemin from human blood serum and breast cancer supernatant. <i>Journal of Separation Science</i> , 2015, 38, 4286-4291.  | 2.5 | 15        |
| 77 | A Quercetin Biosensor Based on Chitosan-Entrapped Carbon Nanotube Paste Electrode Coated with DNA. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1375-1381.  | 1.5 | 7         |
| 78 | Synthesis, characterization, X-ray crystal structure, DFT calculation, DNA binding, and antimicrobial assays of two new mixed-ligand copper(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 410-422. | 3.9 | 57        |
| 79 | Preparation of molecularly imprinted polymer coated magnetic multi-walled carbon nanotubes for selective removal of dibenzothiophene. <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 501-507.   | 4.0 | 62        |
| 80 | Determination of trace amounts of antimony(III) based on differential pulse voltammetric method with multi-walled carbon-nanotube-modified carbon paste electrode. <i>Ionics</i> , 2015, 21, 565-570.   | 2.4 | 18        |
| 81 | Spectroscopic and electrochemical studies of the interaction between oleuropein, the major bio-phenol in olives, and salmon sperm DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 260-265.                     | 3.9 | 14        |
| 82 | Voltammetric Determination of Rosmarinic Acid on Chitosan/Carbon Nanotube Composite-Modified Carbon Paste Electrode Covered with DNA. <i>Journal of the Electrochemical Society</i> , 2015, 162, B344-B349.   | 2.9 | 20        |
| 83 | Simultaneous electrochemical determination of dopamine, melatonin, methionine and caffeine. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 195-203.  | 7.8 | 104       |
| 84 | Electrochemical determination of biophenol oleuropein using a simple label-free DNA biosensor. <i>Bioelectrochemistry</i> , 2015, 101, 52-57.   | 4.6 | 26        |
| 85 | Study of disbudding goat kids following injection of clove oil essence in horn bud region. <i>Veterinary Research Forum</i> , 2015, 6, 17-22.   | 0.3 | 18        |
| 86 | Selective extraction and preconcentration of ultra-trace amounts of arsenic(V) ions using carbon nanotubes as a novel sorbent. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1452-1462.                                      | 3.3 | 9         |
| 87 | Ex-Ante Policy Analysis in Civil Infrastructure Systems. <i>Journal of Computing in Civil Engineering</i> , 2014, 28, .   | 4.7 | 31        |
| 88 | Innovation in Infrastructure Project Finance: A Typology for Conceptualization. <i>International Journal of Innovation Science</i> , 2014, 6, 127-144.  | 2.7 | 10        |
| 89 | First Electrochemical Report for Simultaneous Determination of Norepinephrine, Tyrosine and Nicotine Using a Nanostructure Based Sensor. <i>Electroanalysis</i> , 2014, 26, 2252-2260.  | 2.9 | 26        |
| 90 | Application of a thiourea-containing task-specific ionic liquid for the solid-phase extraction cleanup of lead ions from red lipstick, pine leaves, and water samples. <i>Journal of Separation Science</i> , 2014, 37, 1856-1861.                            | 2.5 | 15        |

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|-----|--|------|-----------|
| 91  | First report for voltammetric determination of methyl dopa in the presence of folic acid and glycine. <i>Materials Science and Engineering C</i> , 2014, 36, 168-172.  | 7.3  | 21        |
| 92  | Exploratory analysis of public perceptions of innovative financing for infrastructure systems in the U.S.. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 70, 10-23.  | 4.2  | 17        |
| 93  | Gold nanoparticles modified carbon paste electrode for differential pulse voltammetric determination of eugenol. <i>Materials Science and Engineering C</i> , 2014, 43, 97-101.  | 7.3  | 38        |
| 94  | Resilience-based Planning in Civil Infrastructure Using System-of-Systems Analysis. , 2014, , .  |      | 3         |
| 95  | Synthesis of ZnO nanorods and their application in the construction of a nanostructure-based electrochemical sensor for determination of levodopa in the presence of carbidopa. <i>Analyst</i> , The, 2014, 139, 4356-4364.                              | 3.5  | 141       |
| 96  | Voltammetric behavior of uric acid on carbon paste electrode modified with salmon sperm dsDNA and its application as label-free electrochemical sensor. <i>Biosensors and Bioelectronics</i> , 2014, 54, 211-216.  | 10.1 | 28        |
| 97  | Spectrofluorimetric determination of melatonin in kernels of four different Pistacia varieties after ultrasound-assisted solid-liquid extraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 326-329.     | 3.9  | 58        |
| 98  | Fabrication of a new carbon paste electrode modified with multi-walled carbon nanotube for stripping voltammetric determination of bismuth(III). <i>Electrochimica Acta</i> , 2013, 103, 206-210.  | 5.2  | 36        |
| 99  | Comparison of microwave-assisted distillation and conventional hydrodistillation in the essential oil extraction of flowers <i>Rosa damascena</i> Mill.. <i>Journal of Essential Oil Research</i> , 2013, 25, 55-61.                                     | 2.7  | 34        |
| 100 | Risk-Based Protocol for Inspection of Transportation Construction Projects Undertaken by State Departments of Transportation. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 977-986.                                     | 3.8  | 22        |
| 101 | Assessment of Public Perceptions of Innovative Financing for Infrastructure. , 2012, , .   |      | 7         |
| 102 | System-of-Systems approach for assessment of financial innovations in infrastructure. <i>Built Environment Project and Asset Management</i> , 2012, 2, 250-265.  | 1.6  | 13        |
| 103 | Innovation Policy Assessment for Civil Infrastructure System-of-Systems. , 2012, , .   |      | 8         |
| 104 | Ultrasound-assisted emulsification solidified floating organic drops microextraction of ultra trace amount of Te (IV) prior to graphite furnace atomic absorption spectrometry determination. <i>Talanta</i> , 2012, 88, 759-764.                        | 5.5  | 37        |
| 105 | A novel method for high preconcentration of ultra trace amounts of B1, B2, G1 and G2 aflatoxins in edible oils by dispersive liquid-liquid microextraction after immunoaffinity column clean-up. <i>Journal of Chromatography A</i> , 2012, 1247, 35-41. | 3.7  | 73        |
| 106 | Assessment of the Productivity of Nighttime Asphalt Paving Operations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2012, 138, 1421-1432.  | 3.8  | 15        |
| 107 | Application of modified multiwalled carbon nanotubes as solid sorbent for separation and preconcentration of trace amounts of manganese ions. <i>Arabian Journal of Chemistry</i> , 2012, 5, 187-191.  | 4.9  | 15        |
| 108 | The effects of onion and salt treatments on essential oil content and composition of <i>Rosa damascena</i> Mill. <i>Industrial Crops and Products</i> , 2012, 37, 451-456.   | 5.2  | 24        |

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|-----|--|------|-----------|
| 109 | Ultrasound- assisted emulsification microextraction for separation of trace amounts of antimony prior to FAAS determination. <i>Mikrochimica Acta</i> , 2012, 176, 185-192.  | 5.0  | 26        |
| 110 | Flame Atomic Absorption Determination of Trace Amounts of Cadmium After Preconcentration Using a Thiol-Containing Task-Specific Ionic Liquid. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 959-967.  | 1.5  | 23        |
| 111 | Exploring the Dimensions of Systems of Innovation Analysis: A System of Systems Framework. <i>IEEE Systems Journal</i> , 2011, 5, 256-265.   | 4.6  | 50        |
| 112 | Ionic liquid ultrasound assisted dispersive liquid-liquid microextraction method for preconcentration of trace amounts of rhodium prior to flame atomic absorption spectrometry determination. <i>Journal of Hazardous Materials</i> , 2011, 185, 647-652.             | 12.4 | 82        |
| 113 | Application of organo-nanoclay as a solid sorbent for rhodium complex separation and preconcentration. <i>Mikrochimica Acta</i> , 2010, 171, 97-102.   | 5.0  | 10        |
| 114 | Preconcentration of gold ions from water samples by modified organo-nanoclay sorbent prior to flame atomic absorption spectrometry determination. <i>Journal of Hazardous Materials</i> , 2010, 181, 957-961.  | 12.4 | 41        |
| 115 | Determination of Trace Amounts of Pd(II) Ions in Water and Road Dust Samples by Flame Atomic Absorption Spectrometry After Preconcentration on Modified Organo Nanoclay. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1952-1956.                                   | 1.5  | 10        |
| 116 | Selecting Appropriate Project Delivery System: Fuzzy Approach with Risk Analysis. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 923-930.   | 3.8  | 69        |
| 117 | Flame Atomic Absorption Spectrometry Determination of Trace Amount of Cobalt (II) After Preconcentration Using Modified Analcime Zeolite Loaded with bis(2-Hydroxy-1-Naphthaldimine)N-diethylene-triamine. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1203-1207. | 1.5  | 17        |
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| 122 | Determination of Copper in Water and Plant Samples by Flame Atomic Absorption Spectrometry After Preconcentration on Octadecyl Silica Membrane Disks Modified with a Recently Synthesized Schiff's Base. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 865-870.     | 1.5  | 13        |
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| 124 | Atomic Absorption Spectrometric Determination of Trace Amounts of Copper and Zinc after Simultaneous Solid-Phase Extraction and Preconcentration onto Modified Natrolite Zeolite. <i>Analytical Sciences</i> , 2006, 22, 849-853.                                      | 1.6  | 38        |
| 125 | New Schiff base modified carbon paste and coated wire PVC membrane electrode for silver ion. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 930-936.  | 7.8  | 54        |
| 126 | Natural Analcime Zeolite Modified with 5-Br-PADAP for the Preconcentration and Anodic Stripping Voltammetric Determination of Trace Amount of Cadmium. <i>Analytical Sciences</i> , 2005, 21, 383-386.   | 1.6  | 18        |



| #   | ARTICLE  | IF  | CITATIONS |
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| 127 | Flame Atomic Absorption Spectrometric Determination of Trace Amounts of Nickel after Extraction and Preconcentration onto Natural Modified Analcime Zeolite Loaded with 2-(5-Bromo-2-Pyridylazo)-5-Diethylaminophenol. Journal of AOAC INTERNATIONAL, 2005, 88, 842-846. | 1.5 | 6         |
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| 129 | ZnO nanoflower based electrochemical sensor for the selective determination of venlafaxine. Journal of the Iranian Chemical Society, 0, , 1.   | 2.2 | 1         |