

Ali Mostafavi

List of Publications by Year in descending order

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129
papers

3,498
citations

136950

32
h-index

197818

49
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129
all docs

129
docs citations

129
times ranked

4109
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Simultaneous electrochemical determination of dopamine, melatonin, methionine and caffeine. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 195-203.	7.8	104
3	Application of modified multiwalled carbon nanotubes as a sorbent for simultaneous separation and preconcentration trace amounts of Au(III) and Mn(II). <i>Journal of Hazardous Materials</i> , 2009, 168, 1548-1553.	12.4	101
4	Fe ₃ O ₄ and MnO ₂ 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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Synthesis of Fe ₃ O ₄ /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
13	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
14	Novel CuO/TiO ₂ /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
15	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
16	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
17	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
18	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

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19	Chitosan/polyvinyl alcohol nanofibrous membranes: towards green super-adsorbents for toxic gases. <i>Heliyon</i> , 2019, 5, e01527.	3.2	49
20	Ultrasound-assisted facile synthesis of a new tantalum(V) metal-organic framework nanostructure: Design, characterization, systematic study, and CO ₂ adsorption performance. <i>Journal of Solid State Chemistry</i> , 2017, 250, 32-48.	2.9	47
21	Potential of Modified Multiwalled Carbon Nanotubes with 1-(2-Pyridylazo)-2-naphthol as a New Solid Sorbent for the Preconcentration of Trace Amounts of Cobalt(II) Ion. <i>Analytical Sciences</i> , 2008, 24, 1135-1139.	1.6	43
22	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
23	Thermal modified Kaolinite as useful material for separation and preconcentration of trace amounts of manganese ions. <i>Talanta</i> , 2005, 65, 476-480.	5.5	40
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	Synthesis and photocatalytic activity of porous ZnO stabilized by TiO ₂ and Fe ₃ O ₄ nanoparticles: investigation of pesticide degradation reaction in water treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9146-9156.	5.3	35
33	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
34	Evaluating the efficiency of the GO-Fe ₃ O ₄ /TiO ₂ mesoporous photocatalyst for degradation of chlorpyrifos pesticide under visible light irradiation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4813.	3.5	34
35	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
36	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

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37	Ex-Ante Policy Analysis in Civil Infrastructure Systems. <i>Journal of Computing in Civil Engineering</i> , 2014, 28, .	4.7	31
38	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 ₂ adsorption. <i>Journal of Porous Materials</i> , 2018, 25, 1723-1741.	2.6	31
39	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
40	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
41	A novel electrochemical sensor based on magnetic core@shell molecularly imprinted nanocomposite (Fe ₃ O ₄ @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
42	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
43	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
44	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
45	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
46	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
47	Electrochemical determination of biophenol oleuropein using a simple label-free DNA biosensor. <i>Bioelectrochemistry</i> , 2015, 101, 52-57.	4.6	26
48	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
49	Development and validation of a HPLC method for the determination of buprenorphine hydrochloride, naloxone hydrochloride and noroxymorphone in a tablet formulation. <i>Talanta</i> , 2009, 77, 1415-1419.	5.5	25
50	The anticonvulsant effects of <i>Ducrosia anethifolia</i> (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
51	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
52	Chemical composition of the essential oils of <i>Rosa damascena</i> from two different locations in Iran. <i>Chemistry of Natural Compounds</i> , 2009, 45, 110-113.	0.8	23
53	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
54	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

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55	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
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	A Sensitive Electrochemical Sensor Based on Graphene Oxide Nanosheets Decorated by Fe ₃ O ₄ @Au Nanostructure Stabilized on Polypyrrole for Efficient Triclosan Sensing. <i>Electroanalysis</i> , 2020, 32, 1297-1303.	2.9	23
58	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
59	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
60	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
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	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
63	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
64	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 ₄ adsorption: Design, and a systematic study. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4816.	3.5	20
65	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
66	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
67	Investigation of photocatalytic chlorpyrifos degradation by a new silica mesoporous material immobilized by WS ₂ and Fe ₃ O ₄ nanoparticles: Application of response surface methodology. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5343.	3.5	19
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	Desulfurization of Iron Ores: Processes and Challenges. <i>Steel Research International</i> , 2018, 89, 1700568.	1.8	17
76	Fe ₃ O ₄ @SiO ₂ -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
77	Design and synthesis of g-C ₃ N ₄ /(Cu/TiO ₂) nanocomposite for the visible light photocatalytic degradation of endosulfan in aqueous solutions. <i>Journal of Molecular Structure</i> , 2022, 1258, 132650.	3.6	16
78	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
79	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
80	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
81	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
82	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
83	Metanetwork Framework for Integrated Performance Assessment under Uncertainty in Construction Projects. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, .	4.7	15
84	Constructing S-doped Ni-Co LDH intercalated with Fe ₃ O ₄ heterostructure photocatalysts for enhanced pesticide degradation. <i>New Journal of Chemistry</i> , 2020, 44, 15584-15592.	2.8	15
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	WO ₃ 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
94	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
95	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
96	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
97	A System-of-Systems Approach for Integrated Resilience Assessment in Highway Transportation Infrastructure Investment. <i>Infrastructures</i> , 2017, 2, 22.	2.8	13
98	Conductive Polymeric Ionic Liquid/Fe ₃ O ₄ 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
99	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
100	Determination of Trace Amounts of Cu ²⁺ , Ni ²⁺ , and Mn ²⁺ Ions After Preconcentration onto PAN-Immobilized Organo Nanoclay as a New Sorbent. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1430-1434.	1.5	11
101	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
102	Designing a rapid and selective electrochemical nanosensor based on molecularly imprinted polymer on the Fe ₃ O ₄ /MoS ₂ /glassy carbon electrode for detection of immunomodulatory drug pomalidomide. <i>Microchemical Journal</i> , 2021, 164, 106039.	4.5	11
103	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
104	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
105	Innovation in Infrastructure Project Finance: A Typology for Conceptualization. <i>International Journal of Innovation Science</i> , 2014, 6, 127-144.	2.7	10
106	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
107	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
108	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

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109	Synthesis of KITâ€5 decorated by Bi 2 S 3 â€Fe 3 O 4 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
110	Preparation of novel ternary g-C3N4/WO3/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
111	Innovation Policy Assessment for Civil Infrastructure System-of-Systems. , 2012, , .		8
112	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
113	Assessment of Public Perceptions of Innovative Financing for Infrastructure. , 2012, , .		7
114	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
115	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
116	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. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 842-846.	1.5	6
117	Electropolymerization of thionine as a stable film along with carbon nanotube for sensitive detection of tetracyclineâ€antibiotic drug. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 241-251.	2.4	6
118	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
119	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
120	Resilience-based Planning in Civil Infrastructure Using System-of-Systems Analysis. , 2014, , .		3
121	Comparison between the Concretes Obtained from Fresh and DistilledRosa damascenaMill. Flowers. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 479-484.	1.9	3
122	â€Expression of Concern to Spectrofluorimetric Determination of Melatonin in Kernels of Four Different Pistacia Varieties after Ultrasound-Assisted Solid-Liquid Extractionâ€[<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> 132 (2014) 326-329]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 322.	3.9	3
123	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
124	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
125	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
126	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

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127	Electrospun Nylon-66/5-(4-dimethylaminobenzyliden) rhodanine composite nanofibres for solid phase extraction of palladium ions from wastewater samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 328-342.	3.3	1
128	A nanofiber-based filter composed of electrospun PA-66/TiO ₂ nanofibers for removal of cement dust. International Journal of Environmental Analytical Chemistry, 2020, 100, 1737-1752.	3.3	1
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