

Khalil Farhadi

List of Publications by Year in descending order

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148
papers

3,588
citations

172207

29
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174990

52
g-index

152
all docs

152
docs citations

152
times ranked

4960
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly selective Hg ²⁺ colorimetric sensor using green synthesized and unmodified silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 880-885.	4.0	342
2	TiO ₂ nanocomposite based polymeric membranes: A review on performance improvement for various applications in chemical engineering processes. <i>Chemical Engineering Journal</i> , 2016, 283, 29-46.	6.6	317
3	Application of CaO-based/Au nanoparticles as heterogeneous nanocatalysts in biodiesel production. <i>Fuel</i> , 2016, 164, 119-127.	3.4	184
4	Determination of phenolic compounds content and antioxidant activity in skin, pulp, seed, cane and leaf of five native grape cultivars in West Azerbaijan province, Iran. <i>Food Chemistry</i> , 2016, 199, 847-855.	4.2	146
5	Optimization of dispersive liquid-liquid microextraction for the selective determination of trace amounts of palladium by flame atomic absorption spectroscopy. <i>Journal of Hazardous Materials</i> , 2009, 169, 726-733.	6.5	116
6	Polydopamine Nanoparticles as a New and Highly Selective Biosorbent for the Removal of Copper (II) Ions from Aqueous Solutions. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3535-3544.	1.1	107
7	Grafting of diallyldimethylammonium chloride on graphene oxide by RAFT polymerization for modification of nanocomposite polysulfone membranes using in water treatment. <i>Chemical Engineering Journal</i> , 2017, 309, 206-221.	6.6	93
8	Silver nanoparticles as a cyanide colorimetric sensor in aqueous media. <i>Analytical Methods</i> , 2011, 3, 2599.	1.3	72
9	L-cysteine/polydopamine nanoparticle-coatings for copper corrosion protection. <i>Corrosion Science</i> , 2015, 91, 129-139.	3.0	60
10	Preparation and application of the titania sol-gel coated anodized aluminum fibers for headspace solid phase microextraction of aromatic hydrocarbons from water samples. <i>Talanta</i> , 2009, 77, 1285-1289.	2.9	58
11	Experimental investigation of performance and emission characteristics of DI diesel engine fueled with polymer waste dissolved in biodiesel-blended diesel-fuel. <i>Energy</i> , 2012, 46, 596-605.	4.5	54
12	A novel dispersive micro solid phase extraction using zein nanoparticles as the sorbent combined with headspace solid phase micro-extraction to determine chlorophenols in water and honey samples by GC-ECD. <i>Talanta</i> , 2014, 128, 493-499.	2.9	53
13	Zinc/Aluminum layered double hydroxide-titanium dioxide composite nanosheet film as novel solid phase microextraction fiber for the gas chromatographic determination of valproic acid. <i>Talanta</i> , 2013, 103, 207-213.	2.9	52
14	Flame atomic absorption determination of palladium in solutions after preconcentration using octadecyl silica membrane disks modified by thioridazine·1/2HCl. <i>Talanta</i> , 2005, 65, 925-929.	2.9	50
15	Synthesis of gold nanoparticles using pH-sensitive hydrogel and its application for colorimetric determination of acetaminophen, ascorbic acid and folic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 517-524.	2.3	45
16	Highly sensitive and selective colorimetric probe for determination of L-cysteine in aqueous media based on Ag/Pd bimetallic nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 993-1001.	4.0	45
17	Electrochemical Behavior and Determination of Clozapine on a Glassy Carbon Electrode Modified by Electrochemical Oxidation. <i>Analytical Sciences</i> , 2007, 23, 479-483.	0.8	42
18	Silver nanoparticles in the presence of Ca ²⁺ as a selective and sensitive probe for the colorimetric detection of cysteine. <i>Analytical Methods</i> , 2012, 4, 1747.	1.3	41

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19	Adsorptive stripping voltammetric determination of ketoconazole in pharmaceutical preparations and urine using carbon paste electrodes. <i>Analyst</i> , The, 2000, 125, 1639-1643.	1.7	40
20	Optimized Dispersive Liquid-Liquid Microextraction and Determination of Sorbic Acid and Benzoic Acid in Beverage Samples by Gas Chromatography. <i>Food Analytical Methods</i> , 2012, 5, 351-358.	1.3	37
21	Fluorescent Carbon Dot as Nanosensor for Sensitive and Selective Detection of Cefixime Based on Inner Filter Effect. <i>Journal of Fluorescence</i> , 2017, 27, 921-927.	1.3	36
22	LC Determination of Trace Amounts of Phenoxyacetic Acid Herbicides in Water after Dispersive Liquid-Liquid Microextraction. <i>Chromatographia</i> , 2009, 69, 45-49.	0.7	34
23	Biological synthesis of silver nanoparticles and evaluation of antibacterial and antifungal properties of silver and copper nanoparticles. <i>Turkish Journal of Biology</i> , 2015, 39, 556-561.	2.1	32
24	Capillary electrophoresis with online stacking in combination with AgNPs@MCM-41 reinforced hollow fiber solid-liquid phase microextraction for quantitative analysis of Capecitabine and its main metabolite 5-Fluorouracil in plasma samples isolated from cancer patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 22-37.	1.2	32
25	Spectrophotometric Determination of Malachite Green Residue in Water Samples After Preconcentration on Surfactant-Coated Alumina. <i>Spectroscopy Letters</i> , 2010, 43, 101-107.	0.5	31
26	Microextraction techniques in therapeutic drug monitoring. <i>Biomedical Chromatography</i> , 2012, 26, 972-989.	0.8	31
27	Triiodide Ion-Selective Polymeric Membrane Electrode Based on a Ketoconazole-Triiodide Ion Pair. <i>Electroanalysis</i> , 2002, 14, 760.	1.5	30
28	Liquid chromatographic determination of benomyl in water samples after dispersive liquid-liquid microextraction. <i>Journal of Separation Science</i> , 2009, 32, 2442-2447.	1.3	30
29	Determination of salmeterol in dried blood spot using an ionic liquid based dispersive liquid-liquid microextraction coupled with HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 85, 283-287.	1.4	30
30	Triiodide ion and alizarin red S as two new reagents for the determination of clotrimazole and ketoconazole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1023-1033.	1.4	29
31	[Tetrakis(4-N,N-dimethylaminobenzene)porphyrinato]-manganese(III) Acetate as a Novel Carrier for a Selective Iodide PVC Membrane Electrode. <i>Analytical Sciences</i> , 2004, 20, 805-809.	0.8	29
32	Analysis of Ethanol and Methanol in Human Body Fluids by Headspace Solid Phase Microextraction Coupled with Capillary Gas Chromatography. <i>Analytical Sciences</i> , 2006, 22, 1253-1255.	0.8	29
33	Electrochemical Behavior and Determination of Ketoconazole from Pharmaceutical Preparations. <i>Electroanalysis</i> , 2000, 12, 429-433.	1.5	27
34	A sol-gel based solid phase microextraction fiber for analysis of aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2008, 152, 677-682.	6.5	25
35	Amperometric biosensor for cholesterol based on novel nanocomposite array gold nanoparticles/acetone-extracted propolis/multiwall carbon nanotubes/gold. <i>Micro and Nano Letters</i> , 2014, 9, 100-104.	0.6	25
36	Green synthesis of Sulphur Nanoparticles assisted by a herbal surfactant in aqueous solutions. <i>Micro and Nano Letters</i> , 2017, 12, 329-334.	0.6	25

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37	Rapid ionic liquid-supported nano-hybrid composite reinforced hollow-fiber electromembrane extraction followed by field-amplified sample injection-capillary electrophoresis: An effective approach for extraction and quantification of Imatinib mesylate in human plasma. <i>Journal of Chromatography A</i> , 2017, 1516, 21-34.	1.8	25
38	Trace determination of EDTA from water samples using dispersive liquid-liquid microextraction coupled with HPLC-DAD. <i>Mikrochimica Acta</i> , 2009, 165, 97-101.	2.5	24
39	Application of zein-modified magnetite nanoparticles in dispersive magnetic micro-solid-phase extraction of synthetic food dyes in foodstuffs. <i>Journal of Separation Science</i> , 2017, 40, 1343-1352.	1.3	24
40	Clotrimazole-Triiodide Ion Association as an Ion Exchanger for a Triiodide Ion-Selective Electrode.. <i>Analytical Sciences</i> , 2002, 18, 133-136.	0.8	23
41	Stir bar sorptive extraction of propranolol from plasma samples using a steel pin coated with a polyaniline and multiwall carbon nanotube composite. <i>Mikrochimica Acta</i> , 2015, 182, 323-330.	2.5	23
42	Catalytic effect of lead oxide nano- and microparticles on thermal decomposition kinetics of energetic compositions containing TEGDN/NC/DAG. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 937-948.	2.0	22
43	Gas chromatographic detection of some nitro explosive compounds in soil samples after solid-phase microextraction with carbon ceramic copper nanoparticle fibers. <i>Journal of Separation Science</i> , 2014, 37, 1578-1584.	1.3	21
44	Electrochemical preparation of nano-colloidal polyaniline in polyacid matrix and its application to the corrosion protection of 430SS. <i>Synthetic Metals</i> , 2014, 195, 29-35.	2.1	21
45	Study on the catalytic effect of diaminoglyoxime on thermal behaviors, non-isothermal reaction kinetics and burning rate of homogeneous double-base propellant. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 121-128.	2.0	21
46	Headspace Solid-Phase Microextraction-Gas Chromatography Method for the Determination of Valproic Acid in Human Serum, and Formulations Using Hollow-Fiber Coated Wire. <i>Analytical Sciences</i> , 2009, 25, 875-879.	0.8	20
47	Biosynthesis of Highly Dispersed Palladium Nanoparticles Using <i>Astragalmanna</i> Aqueous Extract. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 1144-1149.	0.8	20
48	Thermal behavior and thermokinetic of double-base propellant catalyzed with magnesium oxide nanoparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 93-104.	2.0	20
49	Highly-sensitive and fast detection of human telomeric G-Quadruplex DNA based on a hemin-conjugated fluorescent metal-organic framework platform. <i>Biosensors and Bioelectronics</i> , 2021, 178, 112999.	5.3	20
50	Rapid detection of apple juice concentrate adulteration with date concentrate, fructose and glucose syrup using HPLC-RID incorporated with chemometric tools. <i>Food Chemistry</i> , 2022, 370, 131015.	4.2	20
51	Dispersive liquid-liquid microextraction and liquid chromatographic determination of pentachlorophenol in water. <i>Open Chemistry</i> , 2009, 7, 369-374.	1.0	19
52	Tetrachlorophenylporphyrinato Manganese(III) Acetate as a New Ionophore for a Coated Triiodide Ion-Selective Electrode. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 861-866.	0.8	18
53	Separation Study of Cadmium as Cd_{4}^{2+} through a Bulk Liquid Membrane Containing Ketoconazole and Oleic Acid. <i>Analytical Sciences</i> , 2005, 21, 501-505.	0.8	18
54	Preparation of a Sol-Gel Titania Based Coating for HS-SPME of Aliphatic Alcohols from Non-Alcoholic Beer Samples. <i>Chromatographia</i> , 2009, 69, 775-778.	0.7	18

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55	Development of novel Ag/bauxite nanocomposite as a heterogeneous catalyst for biodiesel production. <i>Renewable Energy</i> , 2016, 92, 12-21.	4.3	18
56	A green one-pot synthesis of nitrogen and sulfur co-doped carbon quantum dots for sensitive and selective detection of cephalexin. <i>Canadian Journal of Chemistry</i> , 2017, 95, 641-648.	0.6	18
57	Functionalized carbon dots from zein biopolymer as a sensitive and selective fluorescent probe for determination of sumatriptan. <i>Microchemical Journal</i> , 2019, 146, 965-973.	2.3	18
58	Headspace SPME-GC Method for Acetone Analysis and its Biomedical Application. <i>Chromatographia</i> , 2007, 66, 383-387.	0.7	17
59	Simultaneous Energy Recovery from Waste Polymers in Biodiesel and Improving Fuel Properties. <i>Waste and Biomass Valorization</i> , 2013, 4, 105-116.	1.8	17
60	Environmental monitoring of complex hydrocarbon mixtures in water and soil samples after solid phase microextraction using PVC/MWCNTs nanocomposite fiber. <i>Chemosphere</i> , 2013, 93, 1920-1926.	4.2	17
61	Graphene oxide grafted poly(acrylic acid) synthesized via surface initiated RAFT as a pH-responsive additive for mixed matrix membrane. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47213.	1.3	17
62	Potentiometric study of reaction between tetrabutylammonium periodate and phenothiazine in chloroform; application to the analysis of phenothiazine derivatives. <i>Talanta</i> , 1997, 44, 1773-1781.	2.9	16
63	Trace determination of malachite green in water samples using dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography-diode array detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1026-1035.	1.8	16
64	Monolithic mixed matrix membrane based on polyethersulfone/functionalized MWCNTs nanocomposite as an SPME fiber: Application to extract chlorophenols from human urine and serum samples followed by GC-ECD. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1150, 122190.	1.2	16
65	Optimization of polymeric triiodide membrane electrode based on clozapine-triiodide ion-pair using experimental design. <i>Talanta</i> , 2008, 76, 320-326.	2.9	15
66	Th(IV)-hexacyanoferrate modified carbon paste electrode as a new electrocatalytic probe for simultaneous determination of ascorbic acid and dopamine from acidic media. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1405-1412.	0.6	15
67	Using dispersive liquid-liquid microextraction and liquid chromatography for determination of guaifenesin enantiomers in human urine. <i>Journal of Separation Science</i> , 2011, 34, 2933-2939.	1.3	15
68	Novel cationic surfactant ion pair based solid phase microextraction fiber for nano-level analysis of BTEX. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 13-17.	2.5	15
69	A selective, sensitive and label-free visual assay of fructose using anti-aggregation of gold nanoparticles as a colorimetric probe. <i>Chinese Chemical Letters</i> , 2016, 27, 847-851.	4.8	15
70	Study of Reactions of Triiodide and Alizarin Red S with Some Important Phenothiazines. Development of an Indirect Titrimetric and a Spectrophotometric Method for the Assay of Phenothiazine Derivatives. <i>Journal of the Chinese Chemical Society</i> , 2003, 50, 153-159.	0.8	14
71	Determination of Trace Methyl <i>t</i> -tert-Butyl Ether in Water Samples Using Dispersive Liquid-Liquid Microextraction Coupled with GC-FID. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 575-580.	0.8	14
72	Dispersive liquid-liquid microextraction of propranolol enantiomers from human plasma based on the solidification of a floating organic droplet. <i>Bioanalysis</i> , 2013, 5, 701-710.	0.6	14

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73	Investigation of the Performance and Solvent-Resistant Properties of NH ₂ -Modified MWCNTs/PES-Based Mixed Matrix Membranes for Biodiesel Separation. <i>Energy & Fuels</i> , 2016, 30, 4085-4095.	2.5	14
74	Application of Cu/porous silicon nanocomposite screen printed sensor for the determination of formaldehyde. <i>Electrochimica Acta</i> , 2020, 355, 136751.	2.6	14
75	Electrochemical Determination of Meloxicam in Pharmaceutical Preparation and Biological Fluids Using Oxidized Glassy Carbon Electrodes. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 638-642.	0.6	13
76	Dispersive Liquid-Liquid Microextraction Followed by HPLC-DAD as an Efficient and Sensitive Technique for the Determination of Patulin from Apple Juice and Concentrate Samples. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 340-345.	0.8	13
77	Electrochemical synthesis of nanostructure poly(3-aminobenzoic acid), polyaniline and their bilayers on 430SS and their corrosion protection performances. <i>Synthetic Metals</i> , 2016, 220, 78-85.	2.1	13
78	Theoretical study of the potential energy surface and electric dipole moment of aniline. <i>Journal of Molecular Structure</i> , 2016, 1108, 341-346.	1.8	13
79	The inhibition of type 304LSS general corrosion in hydrochloric acid by the New Fuchsin compound. <i>Corrosion Science</i> , 2021, 178, 109072.	3.0	13
80	Electrocatalytic Oxidation of Dopamine at Sol-Gel Carbon Composite Electrode Chemically Modified with Copper Hexacyanoferrate. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 1079-1084.	0.8	12
81	A sol-gel based solid phase microextraction fiber for the analysis of aliphatic alcohols in apple juices. <i>Journal of Separation Science</i> , 2010, 33, 88-92.	1.3	12
82	Application of hollow fiber-supported liquid-phase microextraction coupled with HPLC for the determination of guaifenesin enantiomer-protein binding. <i>Biomedical Chromatography</i> , 2012, 26, 875-880.	0.8	12
83	Biosynthetic Route for the Preparation of Nonregular Gold Nanoparticles Using Aqueous Extracted of Nettle (<i>Urtica dioica</i> L.) Plant. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1489-1494.	0.6	12
84	Electrochemical Behavior and Determination of Hyoscine-N-Butylbromide from Pharmaceutical Preparations. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 165-172.	0.8	11
85	Electrochemical Study of Interaction Between Clozapine and DNA and Its Analytical Application. <i>Analytical Letters</i> , 2007, 40, 1750-1762.	1.0	11
86	Screen printed carbon electrode modified with a copper@porous silicon nanocomposite for voltammetric sensing of clonazepam. <i>Mikrochimica Acta</i> , 2019, 186, 676.	2.5	11
87	Preconcentration of Palladium in Aqueous Samples Using a Surfactant-Coated Alumina Modified with Thioridazine-HCl and Its Determination by Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2004, 37, 1457-1468.	1.0	10
88	Fe ₃ O ₄ @GO on silica sand as an efficient and economical adsorbent; Typical application for removal of phenol and 2,4-dichlorophenol from water samples. <i>Water Environment Research</i> , 2019, 91, 1509-1517.	1.3	10
89	Improving particle size of BaSO ₄ with a unique glycerol base method and its impact on the negative active material of the lead-acid battery. <i>Journal of Energy Storage</i> , 2019, 21, 139-148.	3.9	10
90	Silver nanoparticles-Chitosan gel as a green membrane for effective extraction and determination of capecitabine. <i>Journal of Separation Science</i> , 2020, 43, 2666-2674.	1.3	10

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91	Hollow-Fiber-Based LPME as a Reliable Sampling Method for Gas-Chromatographic Determination of Pharmacokinetic Parameters of Valproic Acid in Rat Plasma. <i>Chromatographia</i> , 2013, 76, 663-669.	0.7	9
92	Colorimetric speciation analysis of chromium using 2-thiobarbituric acid capped silver nanoparticles. <i>Analytical Methods</i> , 2020, 12, 2484-2490.	1.3	9
93	Application of diatomite for sorption of Pb, Cu, Cd and Zn from aqueous solutions: kinetic, thermodynamic studies and application of response surface methodology (RSM). <i>Water Environment Research</i> , 2021, 93, 714-726.	1.3	9
94	Separation Study of Palladium through a Bulk Liquid Membrane Containing Thioridazine·HCl and Oleic Acid. <i>Separation Science and Technology</i> , 2000, 35, 859-868.	1.3	8
95	Separation and preconcentration of uranium(VI) from aqueous samples using a surfactant-coated alumina modified with meloxicam. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 725-735.	1.8	8
96	Electrochemical Properties of Th(IV)-Hexacyanoferrate Sol-Gel Carbon Composite Electrode: Electrocatalytic Oxidation of Dopamine and Ascorbic Acid. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1034-1041.	0.8	8
97	Sensitive and selective colorimetric sensing of acetone based on gold nanoparticles capped with l-cysteine. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1411-1416.	1.2	8
98	Preparation and characterization of a new carbon paste electrode based on ketotifen-hexacyanoferrate. <i>Journal of Solid State Electrochemistry</i> , 2006, 11, 103-108.	1.2	7
99	Removal of malachite green from aqueous solutions using molecularly imprinted polymer. <i>Desalination and Water Treatment</i> , 2010, 24, 20-27.	1.0	7
100	Electrosynthesized polytyramine-copper oxalate nanocomposite on copper electrode for electrocatalytic oxidation of methanol in alkaline medium. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1098-1104.	6.9	7
101	Polydopamine nanoparticles as a new nanobiopolymer for the biosorption of l-cysteine from aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 347-357.	1.2	7
102	Catalytic wet peroxide oxidation of phenol over ZnFe ₂ O ₄ nano spinel. <i>Canadian Journal of Chemistry</i> , 2017, 95, 87-94.	0.6	7
103	Potentiometric study of reaction between periodate and iodide as their tetrabutylammonium salts in chloroform. Application to the determination of iodide and potentiometric detection of end points in acid-base titrations in chloroform. <i>Talanta</i> , 1995, 42, 345-352.	2.9	6
104	Spectrophotometric Determination of Selected Antibiotics Using Prussian Blue Reaction. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 993-997.	0.8	6
105	Construction of Triiodide Ion Selective Electrodes Based on Phenothiazine Derivatives. <i>Analytical Letters</i> , 2004, 37, 1063-1078.	1.0	6
106	Separation study of silver(I) ion through a bulk liquid membrane containing meloxicam. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 595-600.	0.6	6
107	Analysis of ketoprofen enantiomers in human and rat plasma by hollow-fiber-based liquid-phase microextraction and chiral mobile-phase additive HPLC. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1252-1257.	0.6	6
108	Extraction and Trace Analysis of Trihalomethanes in Water Samples Using Zein@Fe ₃ O ₄ Nanocomposite. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 581-588.	1.3	6

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109	Detection of Silver Nanoparticles Using Green Synthesis of Fluorescent Nitrogen-Doped Carbon Dots. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 379-387.	0.7	6
110	Polarographic Study of Thallium(I) Complexes with Large Crown Ethers in Binary Acetonitrile-Water Mixtures. Journal of the Chinese Chemical Society, 1999, 46, 893-898.	0.8	5
111	Microextraction of BTEX Compounds from Water Samples Using Olive Oil Droplets. Analytical Letters, 2010, 43, 349-356.	1.0	5
112	The Ag@Pd shell bimetallic nanoparticles: simple biological synthesis and characterization. Journal of the Iranian Chemical Society, 2015, 12, 2015-2021.	1.2	5
113	Sodium hexa meta phosphate impact as electrolyte additive on electrochemical behavior of lead-acid battery. Journal of Energy Storage, 2018, 17, 170-180.	3.9	5
114	Mesoporous SiO ₂ /MCM-41/Polymer as a pH-Responsive Drug Delivery System for Cancer Therapy. ChemistrySelect, 2020, 5, 11901-11909.	0.7	5
115	Zein film as a novel natural biopolymer membrane in electrochemical detections. Journal of Solid State Electrochemistry, 2021, 25, 1327-1337.	1.2	5
116	Copper Oxide Nano-Catalyst Incorporated TEGDN/NC/DAG Propellants: Thermal Behaviors and Kinetics. Propellants, Explosives, Pyrotechnics, 2022, 47, .	1.0	5
117	Central Composite Design Applied to the Optimization of a Triiodide Polymeric Membrane Electrode based on Triiodide-Piroxicam Ion Pair. Analytical Letters, 2008, 41, 2097-2116.	1.0	4
118	Evaluation of Remediation Effects of the Auto-Refining Processes of the Lavin River. Clean - Soil, Air, Water, 2009, 37, 379-385.	0.7	4
119	The Use of Polyphenolic Compounds from Black Tea for the Solid Phase Extraction and Determination of Trace Iron in Drinking Water. Clean - Soil, Air, Water, 2009, 37, 884-888.	0.7	4
120	Simultaneous kinetic spectrophotometric determination of Cu(II), Co(II) and Ni(II) using partial least squares (PLS) regression. Open Chemistry, 2009, 7, 375-381.	1.0	4
121	Voltammetric determination of dopamine in the presence of ascorbic and uric acids using partial least squares regression: determination of dopamine in human urine and plasma. Open Chemistry, 2009, 7, 524-531.	1.0	4
122	Preparation of Al ₂ O ₃ /TiO ₂ composite sol-gel fiber for headspace solid-phase microextraction of chlorinated organic solvents from urine. Journal of Separation Science, 2011, 34, 1669-1674.	1.3	4
123	Zeolite-SiC in PVC Matrix as a New SPME Fiber for Gas Chromatographic Determination of BTEX in Water and Soil Samples. Journal of the Chinese Chemical Society, 2012, 59, 1080-1085.	0.8	4
124	Silver Nanoparticles as a New Colorimetric Probe for Determination of Oxalic Acid in Urine. Sensor Letters, 2016, 14, 906-912.	0.4	4
125	Application of polydimethylsiloxane/ acrylic resins coated quartz crystal nano balance sensor for detection of glyphosate pesticide. International Journal of Environmental Analytical Chemistry, 2020, 100, 733-745.	1.8	4
126	Electrochemical preparation of poly 3-amino-5-hydroxypyrazole on copper and its corrosion protection efficiency. Journal of Coatings Technology Research, 2020, 17, 1269-1276.	1.2	4

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127	Design and synthesis of novel chitosan-based nanocomposite containing mesoporous nanosilica MCM-41: Effective absorbent for the elimination of Pb (II) from aqueous solution. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 469-488.	0.7	4
128	Derivative Linear Sweep Voltammetry and Discrete Wavelet Transform for the Simultaneous Determination of Codeine and Thebaine by Artificial Neural Networks. <i>ChemistrySelect</i> , 2021, 6, 5917-5925.	0.7	4
129	Lable-Free Gold Nanoparticles in the Presence of Ammonium Pyrrolidine Dithiocarbamate as a Selective and Sensitive Silver Ion Colorimetric Probe. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1546-1553.	0.4	4
130	Development of Turbidimetric Methods for the Determination of Some N-Substituted Phenothiazine Derivatives Using Sodium Dodecyl Sulfate and Mercury(II) Chloride. <i>Analytical Letters</i> , 2003, 36, 2183-2198.	1.0	3
131	Separation and Kinetic Spectrophotometric Determination of Ketoconazole from Formulations Using SDS-Coated Al ₂ O ₃ and KMnO ₄ in Alkaline SDS Micellar Medium. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 743-750.	0.8	3
132	Ketoconazole-Triiodide Ion Pair Complex as a Suitable Carrier in an Iodide Selective Membrane Electrode. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 699-704.	0.8	3
133	Kinetic Spectrophotometric Determination of Metronidazole Benzoate in Surfactant Medium. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1521-1528.	0.8	3
134	Fiber-Based Liquid-Phase Micro-Extraction of Mebeverine Enantiomers Followed by Chiral High-Performance Liquid Chromatography Analysis and Its Application to Pharmacokinetics Study in Rat Plasma. <i>Chirality</i> , 2012, 24, 634-639.	1.3	3
135	In vitro study of the binding between chlorpyrifos and sex hormones using headspace solid-phase microextraction combined with high-performance liquid chromatography. <i>Human and Experimental Toxicology</i> , 2015, 34, 819-827.	1.1	3
136	Preparation, characterization and electrochromic properties of composite thin films incorporation of polyaniline. <i>Modern Physics Letters B</i> , 2016, 30, 1650175.	1.0	3
137	Cobalt nanoparticles anchored to porous silicon as a novel modifier for the construction of enzyme-free hydrogen peroxide screen-printed sensor. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1082-1089.	0.8	3
138	Electrocopolymerization, Characterization and Anticorrosive Properties of Nanostructure Poly (aniline-co-4-hydroxy phenyl acetic acid). <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2019, 55, 903-912.	0.3	3
139	Synthesis and Introducing Au-Cu Alloy Nanoparticles/Porous Silicon as a Novel Modifier of Screen Printed Carbon Electrode in Simultaneous Electrocatalytic Detection of Codeine and Acetaminophen. <i>Journal of the Electrochemical Society</i> , 2022, 169, 016512.	1.3	3
140	An analytical study of resistive oxygen gas sensors. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 145204.	0.7	2
141	Cold Deposition as a Novel Procedure for the Preparation of Titania Sol-Gel: A Development of a High Sensitive Electrochemical Method for Determination of Cu(II) in the Presence of Arsenic(III). <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1113-1118.	0.8	2
142	Application of Polytyramine Nanoparticles to the Corrosion Protection of Copper. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 1149-1154.	0.8	2
143	In-situ synthesis of silver nanoparticles on porous silicon nanostructure through galvanic displacement reaction and its application in construction of glucose screen printed sensor. <i>Micro and Nano Letters</i> , 2018, 13, 1431-1436.	0.6	1
144	Encapsulation of L-dopa and catechol in bovine serum albumin nanocarrier using desolvation method and their in vitro release studies. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 2082-2090.	0.8	1

#	ARTICLE	IF	CITATIONS
145	Nile Blue-hexacyanoferrate carbon paste modified electrode as an amperometric sensor for determination of hydrazine. Turkish Journal of Chemistry, 0, , .	0.5	1
146	Corrigendum to "A novel dispersive micro solid phase extraction using zein nanoparticles as the sorbent combined with headspace solid phase micro-extraction to determine chlorophenols in water and honey samples by GC-MS" [Talanta 128 (1 October 2014) 493-499]. Talanta, 2017, 175, 574.	2.9	0
147	Graphitic solid core carbon nanorods grown on silica sands using electron cyclotron resonance chemical vapor deposition as a highly efficient and green sorbent for removal of phenol derivatives from water sources. Journal of the Chinese Chemical Society, 2020, 67, 576-584.	0.8	0
148	Surface Modification of Solid Electrodes with Gliadin Biopolymer Film: A Permselective Membrane in Electrochemical Studies. Journal of the Electrochemical Society, 2021, 168, 066502.	1.3	0