

# Majid S Arvand

## List of Publications by Year in descending order

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147  
papers

3,634  
citations

126907

33  
h-index

189892

50  
g-index

148  
all docs

148  
docs citations

148  
times ranked

4124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /MWCNT nanocomposite modified carbon paste electrode for amplified electrochemical sensing of uric acid. <i>Materials Science and Engineering C</i> , 2014, 36, 160-167.	7.3	145
2	Magnetic nanoparticles embedded with graphene quantum dots and multiwalled carbon nanotubes as a sensing platform for electrochemical detection of progesterone. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 346-356.	7.8	112
3	Sulphonated cobalt phthalocyanine-MCM-41: An active photocatalyst for degradation of 2,4-dichlorophenol. <i>Journal of Hazardous Materials</i> , 2010, 175, 992-1000.	12.4	107
4	Electrochemical study of methylene blue incorporated into mordenite type zeolite and its application for amperometric determination of ascorbic acid in real samples. <i>Analytica Chimica Acta</i> , 2003, 491, 193-201.	5.4	99
5	Simultaneous voltammetric determination of tyrosine and paracetamol using a carbon nanotube-graphene nanosheet nanocomposite modified electrode in human blood serum and pharmaceuticals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 84-93.	5.0	98
6	Engineering hierarchical ultrathin CuCo <sub>2</sub> O <sub>4</sub> nanosheets array on Ni foam by rapid electrodeposition method toward high-performance binder-free supercapacitors. <i>Applied Surface Science</i> , 2018, 445, 272-280.	6.1	95
7	MWCNTs/Cu(OH) <sub>2</sub> nanoparticles/IL nanocomposite modified glassy carbon electrode as a voltammetric sensor for determination of the non-steroidal anti-inflammatory drug diclofenac. <i>Materials Science and Engineering C</i> , 2012, 32, 1682-1689.	7.3	91
8	Ion-selective electrode for aluminum determination in pharmaceutical substances, tea leaves and water samples. <i>Talanta</i> , 2008, 75, 1046-1054.	5.5	81
9	Analytical methodology for the electro-catalytic determination of estradiol and progesterone based on graphene quantum dots and poly(sulfosalicylic acid) co-modified electrode. <i>Talanta</i> , 2017, 174, 243-255.	5.5	75
10	An efficient fluorescence resonance energy transfer system from quantum dots to graphene oxide nano sheets: Application in a photoluminescence aptasensing probe for the sensitive detection of diazinon. <i>Food Chemistry</i> , 2019, 280, 115-122.	8.2	71
11	Highly-sensitive aptasensor based on fluorescence resonance energy transfer between L-cysteine capped ZnS quantum dots and graphene oxide sheets for the determination of edifenphos fungicide. <i>Biosensors and Bioelectronics</i> , 2017, 96, 324-331.	10.1	64
12	A simple and efficient electrochemical sensor for folic acid determination in human blood plasma based on gold nanoparticles-modified carbon paste electrode. <i>Materials Science and Engineering C</i> , 2013, 33, 3474-3480.	7.3	61
13	Rapid electrochemical synthesis of molecularly imprinted polymers on functionalized multi-walled carbon nanotubes for selective recognition of sunset yellow in food samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 927-939.	7.8	61
14	Facile template-free synthesis of 3D hierarchical ravine-like interconnected MnCo <sub>2</sub> S <sub>4</sub> nanosheet arrays for hybrid energy storage device. <i>Carbon</i> , 2020, 161, 299-308.	10.3	61
15	Electrospun TiO <sub>2</sub> nanofiber/graphite oxide modified electrode for electrochemical detection of L-DOPA in human cerebrospinal fluid. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 393-401.	7.8	58
16	Electrocatalytic oxidation and differential pulse voltammetric determination of sulfamethoxazole using carbon nanotube paste electrode. <i>Materials Science and Engineering C</i> , 2011, 31, 1819-1825.	7.3	57
17	Label-free electrochemical DNA biosensor for guanine and adenine by ds-DNA/poly(L-cysteine)/Fe <sub>3</sub> O <sub>4</sub> nanoparticles-graphene oxide nanocomposite modified electrode. <i>Biosensors and Bioelectronics</i> , 2018, 102, 70-79.	10.1	54
18	Simultaneous determination of guanine, adenine and thymine using a modified carbon paste electrode by TiO <sub>2</sub> nanoparticles-magnesium(II) doped natrolite zeolite. <i>Electrochimica Acta</i> , 2013, 89, 669-679.	5.2	52

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19	Label-free electrochemical aptasensor for progesterone detection in biological fluids. <i>Bioelectrochemistry</i> , 2020, 133, 107489.	4.6	50
20	A graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> )/Fe <sub>3</sub> O <sub>4</sub> nanocomposite: an efficient electrode material for the electrochemical determination of tramadol in human biological fluids. <i>Analytical Methods</i> , 2019, 11, 2064-2071.	2.7	49
21	Gold nanorods-graphene oxide nanocomposite incorporated carbon nanotube paste modified glassy carbon electrode for voltammetric determination of indomethacin. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 622-632.	7.8	43
22	Cadmium adsorption on modified chitosan-coated bentonite: batch experimental studies. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 572-578.	3.2	42
23	A voltammetric sensor based on graphene-modified electrode for the determination of trace amounts of l-dopa in mouse brain extract and pharmaceuticals. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 775-784.	2.5	41
24	A new microplatform based on titanium dioxide nanofibers/graphene oxide nanosheets nanocomposite modified screen printed carbon electrode for electrochemical determination of adenine in the presence of guanine. <i>Biosensors and Bioelectronics</i> , 2016, 77, 837-844.	10.1	41
25	Two-phase hollow fiber liquid phase microextraction for preconcentration of pyrethroid pesticides residues in some fruits and vegetable juices prior to gas chromatography/mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2013, 31, 275-283.	3.9	40
26	Enhanced adsorptive and photocatalytic achievements in removal of methylene blue by incorporating tungstophosphoric acid-TiO <sub>2</sub> into MCM-41. <i>Journal of Hazardous Materials</i> , 2009, 169, 233-239.	12.4	39
27	Potentiometric membrane sensor based on 6-(4-nitrophenyl)-2,4-diphenyl-3,5-diaza-bicyclo[3.1.0]hex-2-ene for detection of Sn(II) in real samples. <i>Analytica Chimica Acta</i> , 2006, 579, 102-108.	5.4	38
28	Electrochemical study of atenolol at a carbon paste electrode modified with mordenite type zeolite. <i>Materials Science and Engineering C</i> , 2010, 30, 709-714.	7.3	38
29	Development of a modified electrode with amine-functionalized TiO <sub>2</sub> /multi-walled carbon nanotubes nanocomposite for electrochemical sensing of the atypical neuroleptic drug olanzapine. <i>Materials Science and Engineering C</i> , 2013, 33, 4876-4883.	7.3	38
30	RuO <sub>2</sub> nanowires on electrospun CeO <sub>2</sub> -Au nanofibers/functionalized carbon nanotubes/graphite oxide nanocomposite modified screen-printed carbon electrode for simultaneous determination of serotonin, dopamine and ascorbic acid. <i>Journal of Alloys and Compounds</i> , 2019, 782, 824-836.	5.5	38
31	A New Electrochemical Sensing Platform Based on Binary Composite of Graphene Oxide-Chitosan for Sensitive Rutin Determination. <i>Food Analytical Methods</i> , 2017, 10, 2332-2345.	2.6	37
32	Electrochemical characterization of in situ functionalized gold organosulfur self-assembled monolayer with conducting polymer and carbon nanotubes for determination of rutin. <i>Talanta</i> , 2018, 176, 92-101.	5.5	36
33	Novel thiocyanate-selective membrane sensor based on crown ether-cetyltrimethyl ammonium thiocyanate ion-pair as a suitable ionophore. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 301-308.	7.8	35
34	TiO <sub>2</sub> nanoparticles containing sulphonated cobalt phthalocyanine: Preparation, characterization and photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 484-494.	6.7	33
35	Construction and performance characterization of an ion selective electrode for potentiometric determination of atenolol in pharmaceutical preparations. <i>Desalination</i> , 2008, 225, 176-184.	8.2	32
36	A graphene-based electrochemical sensor for sensitive detection of quercetin in foods. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 841-849.	2.2	31

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37	Ionic liquid-based dispersive liquid-liquid microextraction for the determination of formaldehyde in wastewaters and detergents. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 7597-7605.	2.7	30
38	Efficient removal of anionic surfactant using partial template-containing MCM-41. <i>Desalination</i> , 2012, 284, 142-149.	8.2	30
39	Voltammetric Determination of Clozapine in Pharmaceutical Formulations and Biological Fluids Using an In Situ Surfactant-Modified Carbon Ionic Liquid Electrode. <i>Electroanalysis</i> , 2012, 24, 683-690.	2.9	30
40	Simultaneous Voltammetric Determination of Synthetic Colorants in Foods Using a Magnetic Core-Shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /MWCNTs Nanocomposite Modified Carbon Paste Electrode. <i>Food Analytical Methods</i> , 2016, 9, 863-875.	2.6	30
41	A New Core@Shell Silica-Coated Magnetic Molecular Imprinted Nanoparticles for Selective Detection of Sunset Yellow in Food Samples. <i>Food Analytical Methods</i> , 2017, 10, 2593-2606.	2.6	30
42	Synthesis and characterization of thiol-functionalized MCM-41 nanofibers and its application as photocatalyst. <i>Microporous and Mesoporous Materials</i> , 2016, 236, 109-119.	4.4	29
43	Tin(II)-selective membrane potentiometric sensor using a crown ether as neutral carrier. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 756-761.	7.8	28
44	Poly-L-cysteine/electrospun copper oxide nanofibers-zinc oxide nanoparticles nanocomposite as sensing element of an electrochemical sensor for simultaneous determination of adenine and guanine in biological samples and evaluation of damage to dsDNA and DNA purine bases by UV radiation. <i>Analytica Chimica Acta</i> , 2017, 986, 25-41.	5.4	28
45	Direct determination of triamterene by potentiometry using a coated wire selective electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 975-982.	2.8	27
46	Perchlorate-selective polymeric membrane electrode based on a cobaloxime as a suitable carrier. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 304-309.	7.8	27
47	New Fe(II) Ion-selective electrode based On N-Phenylaza-15-Crown-5 as neutral carrier in PVC matrix. <i>Desalination</i> , 2009, 247, 346-354.	8.2	27
48	Voltammetric determination of rivastigmine in pharmaceutical and biological samples using molecularly imprinted polymer modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 797-805.	7.8	27
49	A Simple and Efficient Electrochemical Sensor for Nitrite Determination in Food Samples Based on Pt Nanoparticles Distributed Poly(2-aminothiophenol) Modified Electrode. <i>Food Analytical Methods</i> , 2013, 6, 1300-1307.	2.6	27
50	Graphene quantum dots decorated with Fe <sub>3</sub> O <sub>4</sub> nanoparticles/functionalized multiwalled carbon nanotubes as a new sensing platform for electrochemical determination of L-DOPA in agricultural products. <i>Analytical Methods</i> , 2016, 8, 5861-5868.	2.7	27
51	Novel potentiometric membrane sensor based on 6-(4-nitrophenyl)-2-phenyl-4,4-dipropyl-3,5-diaza-bicyclo[3,1,0] hex-2-ene for detection of strontium (II) ions at trace levels. <i>Talanta</i> , 2007, 74, 125-131.	5.5	26
52	In-situ growth of hierarchical Ni-Co LDH/CoMoO <sub>4</sub> nanosheets arrays on Ni foam for pseudocapacitors with robust cycle stability. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152421.	5.5	26
53	Facile one-pot electrochemical synthesis of zirconium oxide decorated poly(3,4-ethylenedioxythiophene) nanocomposite for the electrocatalytic oxidation and detection of progesterone. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 157-167.	7.8	25
54	Differential pulse stripping voltammetric determination of the antipsychotic medication olanzapine at a magnetic nano-composite with a core/shell structure. <i>RSC Advances</i> , 2015, 5, 46095-46103.	3.6	24

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55	Mediated electrochemical method for the determination of indigo carmine levels in food products. <i>Talanta</i> , 2017, 173, 60-68.	5.5	23
56	Colorimetric detection of glucose using lanthanum-incorporated MCM-41. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 294-300.	3.9	23
57	Sulfamethoxazole-imprinted Polymeric Receptor as Ionophore for Potentiometric Transduction. <i>Electroanalysis</i> , 2011, 23, 1948-1957.	2.9	22
58	Direct electrochemistry of adenine on multiwalled carbon nanotube-ionic liquid composite film modified carbon paste electrode and its determination in DNA. <i>Journal of Molecular Liquids</i> , 2012, 173, 1-7.	4.9	22
59	Potentiometric Determination of Aluminum in Foods, Pharmaceuticals, and Alloys by ALMCM-41-Modified Carbon Paste Electrode. <i>Food Analytical Methods</i> , 2013, 6, 578-586.	2.6	21
60	Two-step in-situ hydrothermal synthesis of nanosheet-constructed porous MnMoS <sub>4</sub> arrays on 3D Ni foam as a binder-free electrode in high-performance supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125456.	4.7	21
61	A novel flexible wire-shaped supercapacitor with enhanced electrochemical performance based on hierarchical Co(OH) <sub>2</sub> @Ni(OH) <sub>2</sub> decorated porous dendritic Ni film/Ni wire. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158101.	5.5	21
62	Direct determination of aluminium in foods and pharmaceutical preparations by potentiometry using an ALMCM-41 modified polymeric membrane sensor. <i>Electrochimica Acta</i> , 2010, 55, 6946-6952.	5.2	20
63	Synthesis by precipitation polymerization of a molecularly imprinted polymer membrane for the potentiometric determination of sertraline in tablets and biological fluids. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 392-402.	0.6	20
64	A magnetic nanocomposite prepared from electrospun CoFe <sub>2</sub> O <sub>4</sub> nanofibers and graphene oxide as a material for highly sensitive determination of rutin. <i>Mikrochimica Acta</i> , 2020, 187, 103.	5.0	20
65	Self-assembled cauliflower-like pyrite-S, N co-doped graphene quantum dots as free-standing anode with high conductivity and biocompatibility for bioelectricity production. <i>Fuel</i> , 2021, 286, 119291.	6.4	20
66	Single-pot hydrothermal synthesis of copper molybdate nanosheet arrays as electrode materials for high areal-capacitance supercapacitor. <i>Journal of Energy Storage</i> , 2021, 40, 102742.	8.1	19
67	Thermodynamic investigation of the ternary mixed electrolyte (NiCl <sub>2</sub> +NiSO <sub>4</sub> +H <sub>2</sub> O) system by potentiometric method at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 916-922.	2.0	18
68	NMR structural elucidation and photochromic behavior of new 1,3-diazabicyclo[3.1.0]hex-3-ene derivatives. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 884-889.	0.8	18
69	Trace determination of linear alkylbenzene sulfonates using ionic liquid based ultrasound-assisted dispersive liquid-liquid microextraction and response surface methodology. <i>Analytical Methods</i> , 2012, 4, 2272.	2.7	18
70	A potentiometric solid state copper electrode based on nanostructure polypyrrole conducting polymer film doped with 5-sulfosalicylic acid. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	18
71	Determination of Pseudoephedrine Hydrochloride in Some Pharmaceutical Drugs by Potentiometric Membrane Sensor Based on Pseudoephedrine-Phosphotungstate Ion Pair. <i>Analytical Letters</i> , 2009, 42, 870-880.	1.8	17
72	Sensitive and selective detection of trace copper in standard alloys, food and biological samples using a bulk optode based on N,N'-[4,4'-ethylene biphenyl] bis(3-methoxy salicylidine imine) as neutral carrier. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 107, 280-288.	3.9	17

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73	Amperometric Determination of Quercetin in Some Foods by Magnetic Core/Shell Fe <sub>3</sub> O <sub>4</sub> @ZnO Nanoparticles Modified Glassy Carbon Electrode. <i>Food Analytical Methods</i> , 2015, 8, 1911-1922.	2.6	17
74	Square wave voltammetric quantification of folic acid, uric acid and ascorbic acid in biological matrix. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 110-117.	5.3	17
75	The potentiometric behavior of polymer-supported metallophthalocyanines used as anion-selective electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1033-1039.	3.7	16
76	Simultaneous determination of zinc and copper(II) with 1-(2-pyridylazo)2-naphthol in micellar media by spectrophotometric H-point standard addition method. <i>Journal of Analytical Chemistry</i> , 2007, 62, 342-347.	0.9	14
77	Comparative Study for the Removal of Oxadiazon from Aqueous Solutions by Adsorption on Chitosan and Activated Carbon. <i>Analytical Letters</i> , 2009, 42, 856-869.	1.8	14
78	The effect of pH on the interaction between Eu <sup>3+</sup> ions and short single-stranded DNA sequence, studied with electrochemical, spectroscopic and computational methods. <i>Materials Science and Engineering C</i> , 2012, 32, 653-658.	7.3	14
79	A biomimetic potentiometric sensor based on molecularly imprinted polymer for the determination of memantine in tablets. <i>Drug Testing and Analysis</i> , 2013, 5, 461-467.	2.6	14
80	Dispersive liquid-liquid microextraction of Fe(II) and Cu(II) with diethyldithiocarbamate and their simultaneous spectrophotometric determination using mean centering of ratio spectra. <i>Journal of Analytical Chemistry</i> , 2014, 69, 243-247.	0.9	14
81	A new sensing platform based on electrospun copper oxide/ionic liquid nanocomposite for selective determination of risperidone. <i>RSC Advances</i> , 2015, 5, 40578-40587.	3.6	14
82	A novel one-step electrochemical preparation of silver nanoparticles/poly(3-methylthiophene) nanocomposite for detection of galantamine in human cerebrospinal fluid and narcissus. <i>Journal of Electroanalytical Chemistry</i> , 2017, 785, 220-228.	3.8	14
83	Boosting bioelectricity generation in microbial fuel cells using metal@metal oxides/nitrogen-doped carbon quantum dots. <i>Energy</i> , 2021, 223, 120103.	8.8	14
84	Electrochemical spectroscopic investigations on the interaction of an ytterbium complex with DNA and their analytical applications such as biosensor. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 1117-1123.	7.5	13
85	Adsorptive Stripping Differential Pulse Voltammetric Determination of Risperidone with a Multi-Walled Carbon Nanotube-Ionic Liquid Paste Modified Glassy Carbon Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 63-72.	1.4	13
86	Square wave voltammetric determination of uric acid and diclofenac on multi-walled carbon nanotubes decorated with magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles as an enhanced sensing interface. <i>Ionics</i> , 2015, 21, 3245-3256.	2.4	13
87	Amperometric determination of diazinon by gold nanorods/ds-DNA/graphene oxide sandwich-modified electrode. <i>Ionics</i> , 2018, 24, 2445-2454.	2.4	13
88	Enhanced-Oxidation and Highly Sensitive Detection of Tartrazine in Foodstuffs via New Platform Based on Poly(5-Sulfosalicylic Acid)/Cu(OH) <sub>2</sub> Nanoparticles. <i>Food Analytical Methods</i> , 2017, 10, 2241-2251.	2.6	12
89	Magnetic solid-phase extraction of imatinib and doxorubicin as cytostatic drugs by Fe <sub>3</sub> O <sub>4</sub> /graphene oxide nanocomposite. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1673-1682.	2.2	12
90	A new signal-on photoelectrochemical sensor for glutathione monitoring based on polythiophene/graphitic carbon nitride coated titanium oxide nanotube arrays. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113271.	3.8	12

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91	Electrochemical Sensor Based on Carbon Nanotubes Decorated with ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles Incorporated Carbon Paste Electrode for Determination of Metoclopramide and Indomethacin. <i>ChemistrySelect</i> , 2019, 4, 7616-7626.	1.5	12
92	Development of a Highly Sensitive and Selective Bismuth Optical Sensor Based on (2E,4E)-5-(2,4-Dinitrophenyl Amino)penta-2,4-dienal. <i>Analytical Letters</i> , 2008, 41, 2877-2892.	1.8	11
93	New sensing material of molecularly imprinted polymer for the selective recognition of sulfamethoxazole in foods and plasma and employing the Taguchi optimization methodology to optimize the carbon paste electrode. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 93-105.	2.2	11
94	Trace level detection of guanine and adenine and evaluation of damage to DNA using electro-synthesised ZnS@CdS core-shell quantum dots decorated graphene oxide nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 817, 149-159.	3.8	11
95	Electrospun CeO <sub>2</sub> @Au nanofibers/graphene oxide 3D nanonetwork structure for the electrocatalytic detection of amlodipine. <i>Ionics</i> , 2018, 24, 1813-1826.	2.4	11
96	Polymeric membrane sensor for potentiometric determination of vanadyl ions. <i>Analytica Chimica Acta</i> , 2004, 527, 169-175.	5.4	10
97	Thermodynamic study of the ternary aqueous mixed electrolyte system [(1) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (â°) Chemistry of Liquids, 2009, 47, 553-563.	1.2	10
98	Modification of MCM-41 with Anionic Surfactant: A Convenient Design for Efficient Removal of Cationic Dyes from Wastewater. <i>Clean - Soil, Air, Water</i> , 2011, 39, 1007-1013.	1.1	10
99	Nanostructured Screen Printed Graphite Electrode for the Development of a Novel Electrochemical Genosensor. <i>Electroanalysis</i> , 2013, 25, 507-514.	2.9	10
100	Electrodeposition of quercetin on the electrospun zinc oxide nanofibers and its application as a sensing platform for uric acid. <i>Materials Science and Engineering C</i> , 2015, 46, 325-332.	7.3	10
101	Fabrication of MCM-41 fibers with well-ordered hexagonal mesostructure controlled in acidic and alkaline media. <i>Journal of Solid State Chemistry</i> , 2016, 242, 236-242.	2.9	10
102	CuCo <sub>2</sub> O <sub>4</sub> mixed metal oxide/TiO <sub>2</sub> nanotube arrays hetero-nanostructure with enhanced photoelectrocatalytic activity toward galantamine. <i>Analytical Methods</i> , 2019, 11, 3221-3229.	2.7	10
103	An electrochemical interface for direct analysis of amlodipine in tablets and human blood samples. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114868.	3.5	10
104	Zeolite-Modified Carbon-Paste Electrode as a Selective Voltammetric Sensor for Detection of Tryptophan in Pharmaceutical Preparations. <i>Analytical Letters</i> , 2009, 42, 727-738.	1.8	9
105	Development of a conductive composite based on polythiophene/Y-zeolite and its response towards sulfide ions. <i>Materials Science and Engineering C</i> , 2011, 31, 1398-1404.	7.3	9
106	Enhanced Electrocatalytic Reduction of Oxadiargyl and Its Determination on 2-((4-(4-Acetylphenyl)diazanyl)phenylamino)ethanol Modified Graphene@Carbon Paste Electrode. <i>Electroanalysis</i> , 2012, 24, 2395-2404.		9
107	Preparation of a solid-state ion-selective electrode based on polypyrrole conducting polymer for magnesium ion. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 447-456.	2.2	9
108	A label-free electrochemical aptasensor for sensitive edifenphos detection in rice. <i>Analytical Methods</i> , 2020, 12, 1237-1243.	2.7	9

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109	Facile stepwise hydrothermal synthesis of hierarchical CoMoO <sub>4</sub> /CoMoO <sub>4</sub> core/shell dandelion-like nanoarrays: A promising binder-free positive electrode for high-performance asymmetric supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2022, 904, 115934.	3.8	9
110	Evaluation of a PVC-Based Thionine-Zeolite and Zeolite Free Membranes as Sensing Elements in Ion Selective Electrode. <i>Electroanalysis</i> , 2004, 16, 1033-1037.	2.9	8
111	Application of a Zeolite-Poly(vinyl chloride) Electrode to Potentiometric Studies of Alkali Metal Ions. <i>Russian Journal of Electrochemistry</i> , 2005, 41, 1290-1295.	0.9	8
112	Electrochemical study of the thionine dye incorporated into ZSM-5 and HZSM-5 zeolites. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 758-763.	0.9	8
113	Determination of cadmium and zinc in water samples by flame atomic absorption spectrometry after cloud-point extraction. <i>Journal of Analytical Chemistry</i> , 2008, 63, 954-959.	0.9	8
114	Determination of cadmium and zinc in waters by flame atomic absorption spectrometry after cloud-point extraction. <i>Journal of Analytical Chemistry</i> , 2012, 67, 577-580.	0.9	8
115	Disposable electrochemical DNA biosensor for environmental monitoring of toxicant 2-aminoanthracene in the presence of chlorine in real samples. <i>Journal of Chemical Sciences</i> , 2014, 126, 1031-1037.	1.5	8
116	Electrospun zinc oxide nanofibers for direct selective electrochemical detection of biological compounds. <i>RSC Advances</i> , 2015, 5, 7222-7231.	3.6	8
117	Template-based synthesis of uniform bimetallic nickel-tin oxide hollow nanospheres as a new sensing platform for detection of erythrosine in food products. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1716-1725.	7.8	8
118	Surfactant-Assisted Voltammetric Determination of Olanzapine at Amine Functionalized TiO <sub>2</sub> /Multi-Walled Carbon Nanotubes Nanocomposite. <i>Journal of Analytical Chemistry</i> , 2019, 74, 1096-1103.	0.9	8
119	An ultra-sensitive tailor-made sensor for specific adsorption and separation of rutin based on imprinted cavities on magnetic sensing platform. <i>Microchemical Journal</i> , 2022, 181, 107712.	4.5	8
120	Sol-Gel Derived Potentiometric Sensor for Determination of Vanadyl Ions. <i>Electroanalysis</i> , 2007, 19, 2571-2576.	2.9	7
121	Batch and flow measurement of hydrogen ions in highly acidic media using 2-(4-methoxy phenyl) 6-(4-nitrophenyl)-4-phenyl-1,3-diazabicyclo [3.1.0] hex-3-ene as an H <sup>+</sup> -selective ionophore. <i>Talanta</i> , 2009, 79, 863-870.	5.5	7
122	Electrochemical behavior and differential pulse voltammetric detection of thiobencarb on 2-(4-((4-ethoxyphenyl) diazenyl) phenylamino) ethanol-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1151-1159.	2.5	7
123	Voltammetric characteristics of diazinon on carbon paste electrode modified with tris(ethylenediamine) cobalt(II) iodide. <i>Journal of Analytical Chemistry</i> , 2013, 68, 429-435.	0.9	7
124	Visible-light-driven polydopamine/Cds QDs hybrid materials with synergistic photocatalytic activity. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113288.	3.8	7
125	Facile Strategy for Preparation of Core/Shell-structured Zinc Oxide-magnetite Hybrids for Quantification of Quercetin and Rutin in Pharmaceutical Herbs. <i>Journal of Analytical Chemistry</i> , 2019, 74, 920-932.	0.9	7
126	<i>in situ</i> synthesis of advantageously united copper stannate nanoparticles for a new high powered supercapacitor electrode. <i>New Journal of Chemistry</i> , 2022, 46, 3806-3816.	2.8	7



#	ARTICLE	IF	CITATIONS
127	Picrate ion determination using a potentiometric sensor immobilized in a graphite matrix. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 296-302.	7.8	6
128	Manâ€Tailored Biomimetic Sensor of Molecularly Imprinted Materials for the Potentiometric Measurement of Rivastigmine in Tablets and Biological Fluids and Employing the Taguchi Optimization Methodology to Optimize the MIPâ€Based Membranes. <i>Electroanalysis</i> , 2012, 24, 1852-1863.	2.9	6
129	Influencing parameters on the electrochemical growth of V2O5 nanorods on ITO as interfacial layer in bulk heterojunction polymer solar cells. <i>Materials Science in Semiconductor Processing</i> , 2022, 139, 106333.	4.0	6
130	Zeolite-Modified Sol-Gel Electrode as an Electrochemical Sensor for Potentiometric Determination of Cesium Ions in Water Samples. <i>Analytical Letters</i> , 2009, 42, 393-408.	1.8	5
131	Interaction study of ss-DNA and Yb <sup>3+</sup> ions in aqueous solutions by electrochemical and spectroscopic techniques. <i>Journal of Molecular Liquids</i> , 2012, 165, 119-124.	4.9	5
132	BiVO <sub>4</sub> /SiO <sub>2</sub> Composites Containing Cobalt Phthalocyanine Groups: Synthesis, Characterization and Application in Photodegradation of 2,4,6-Trichlorophenol. <i>Photochemistry and Photobiology</i> , 2013, 89, 1029-1037.	2.5	5
133	Graphene nanosheets as a sensing platform for amplified electrochemical measurement of quercetin and uric acid in biological fluids. <i>Canadian Journal of Chemistry</i> , 2014, 92, 1074-1080.	1.1	5
134	Controlled synthesis of a hierarchical CuNi <sub>2</sub> O <sub>4</sub> @SnS nanocauliflower-like structure on rGO as a positive electrode material for an asymmetric supercapacitor. <i>New Journal of Chemistry</i> , 2021, 45, 15667-15675.	2.8	5
135	Determination of Sunset Yellow in Foodstuffs by Surface Modification of Nonconductive Polyester of Polyvinyl Alcohol Sheet Used as Overhead Projector Film. <i>Food Analytical Methods</i> , 2019, 12, 1858-1870.	2.6	4
136	Comparative study of electrochemically-grown vanadium pentoxide nanostructures synthesized using differential pulse voltammetry, cyclic voltammetry, and chronoamperometry methods as the hole transport layer. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163501.	5.5	4
137	Fluorescent nanochemosensor for direct optosensing of butachlor based on l-cysteine-capped ZnS quantum dots. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2287-2297.	2.2	3
138	Electrochemical study on the natural and chemical preservatives antibacterial effect against <i>S. aureus</i> PTCC 1112 and its determination at low levels. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 195-203.	2.2	3
139	Adsorptive Stripping Differential Pulse Voltammetric Determination of Clozapine in Biological Samples Using a Hydrophobic Ionic Liquid Modified Electrode. <i>Journal of Analytical Chemistry</i> , 2021, 76, 518-525.	0.9	3
140	Electrochemical investigation of DNA-metal complex interactions and development of a highly sensitive electrochemical biosensor. <i>Analytical Biochemistry</i> , 2022, 652, 114738.	2.4	3
141	Development of a cobalt (†††) optical sensing film based on<i>N</i><sup>5</sup>-(<i>2</i>,<i>4</i>)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 153-166.	3.3	2
142	Synthesis of lamellar mesostructure aluminophosphate nanoparticles and their conversion to a highly efficient adsorbent using ultrasound waves for partial template removal. <i>RSC Advances</i> , 2016, 6, 24929-24938.	3.6	1
143	Synthesis of (E)-2,4-Dinitro-N-((2E,4E)-4-phenyl-5-(pyrrolidin-1-yl)penta-2,4-dienylidene)aniline. <i>MolBank</i> , 2009, 2009, M604.	0.5	0
144	The behavior of polyaniline-coated PVC membrane based on 7,16-didecyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane for ph measurements in highly acidic media. <i>Journal of Analytical Chemistry</i> , 2014, 69, 875-882.	0.9	0

#	ARTICLE	IF	CITATIONS
145	The effect of an anionic surfactant on structure and supercapacitive properties of flower-like nickel oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17722-17730.	2.2	0
146	Application of Polyaniline Conducting Polymer as a New Indicator Electrode for Potentiometric Titration of Halide Ions. <i>Current Physical Chemistry</i> , 2012, 2, 218-223.	0.2	0
147	Electrochemical Sensing of Tryptophan and Tyrosine in Chronic Kidney Disease Patients Using Magnetic Core/Ag Nanoparticles Shell Nanocomposite Modified Electrode. <i>Journal of Analytical Chemistry</i> , 2022, 77, 235-245.	0.9	0