

Mohammad R Ganjali

List of Publications by Year in descending order

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871
papers

30,875
citations

7551

77
h-index

27345

106
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882
all docs

882
docs citations

882
times ranked

19280
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Analysis of Some Toxic Metals by Ion-Selective Electrodes. <i>Critical Reviews in Analytical Chemistry</i> , 2011, 41, 282-313.	1.8	550
2	Modeling of Reactive Blue 19 azo dye removal from colored textile wastewater using L-arginine-functionalized Fe ₃ O ₄ nanoparticles: Optimization, reusability, kinetic and equilibrium studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 404, 179-189.	1.0	234
3	Thermo-sensitive polymers in medicine: A review. <i>European Polymer Journal</i> , 2019, 117, 402-423.	2.6	206
4	PVC-Based Hexathia-18-crown-6-tetraone Sensor for Mercury(II) Ions. <i>Analytical Chemistry</i> , 1997, 69, 3693-3696.	3.2	201
5	Schiff's Bases and Crown Ethers as Supramolecular Sensing Materials in the Construction of Potentiometric Membrane Sensors. <i>Sensors</i> , 2008, 8, 1645-1703.	2.1	196
6	FRET-based aptamer biosensor for selective and sensitive detection of aflatoxin B1 in peanut and rice. <i>Food Chemistry</i> , 2017, 220, 527-532.	4.2	195
7	Electrochemical study of a novel high performance supercapacitor based on MnO ₂ /nitrogen-doped graphene nanocomposite. <i>Applied Surface Science</i> , 2016, 366, 552-560.	3.1	188
8	Ploxamer: A versatile tri-block copolymer for biomedical applications. <i>Acta Biomaterialia</i> , 2020, 110, 37-67.	4.1	188
9	Development of dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry as a simple, rapid and highly sensitive method for the determination of phthalate esters in water samples. <i>Journal of Chromatography A</i> , 2007, 1172, 105-112.	1.8	181
10	Decoration of nitrogen-doped reduced graphene oxide with cobalt tungstate nanoparticles for use in high-performance supercapacitors. <i>Applied Surface Science</i> , 2017, 423, 1025-1034.	3.1	180
11	A high performance supercapacitor based on a ceria/graphene nanocomposite synthesized by a facile sonochemical method. <i>RSC Advances</i> , 2015, 5, 46050-46058.	1.7	161
12	Sample preparation method for the analysis of some organophosphorus pesticides residues in tomato by ultrasound-assisted solvent extraction followed by dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2011, 126, 1840-1844.	4.2	152
13	Visual detection of cancer cells by colorimetric aptasensor based on aggregation of gold nanoparticles induced by DNA hybridization. <i>Analytica Chimica Acta</i> , 2016, 904, 92-97.	2.6	152
14	A novel metronidazole fluorescent nanosensor based on graphene quantum dots embedded silica molecularly imprinted polymer. <i>Biosensors and Bioelectronics</i> , 2017, 92, 618-623.	5.3	152
15	Determination of Pb ²⁺ ions by a modified carbon paste electrode based on multi-walled carbon nanotubes (MWCNTs) and nanosilica. <i>Journal of Hazardous Materials</i> , 2010, 173, 415-419.	6.5	151
16	PVC-Based 1,3,5-Trithiane Sensor for Cerium(III) Ions. <i>Analytical Chemistry</i> , 2000, 72, 2391-2394.	3.2	149
17	A novel high selective and sensitive para-nitrophenol voltammetric sensor, based on a molecularly imprinted polymer-carbon paste electrode. <i>Talanta</i> , 2009, 79, 1197-1203.	2.9	142
18	Oxidation of cyclohexene with tert-butylhydroperoxide catalyzed by host (nanocavity of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (z) nanocomposite materials (HGNN). <i>Journal of Molecular Catalysis A</i> , 2007, 261, 147-155.	4.8	138

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19	Developments in the Field of Conducting and Non-conducting Polymer Based Potentiometric Membrane Sensors for Ions Over the Past Decade. <i>Sensors</i> , 2008, 8, 2331-2412.	2.1	137
20	A Novel Electroactive Agarose-Aniline Pentamer Platform as a Potential Candidate for Neural Tissue Engineering. <i>Scientific Reports</i> , 2017, 7, 17187.	1.6	133
21	Sonication method synergism with rare earth based nanocatalyst: preparation of NiFe ₂ x Eu x O ₄ nanostructures and its catalytic applications for the synthesis of benzimidazoles, benzoxazoles, and benzothiazoles under ultrasonic irradiation. <i>Journal of Rare Earths</i> , 2017, 35, 374-381.	2.5	130
22	Biosensors and their applications in detection of organophosphorus pesticides in the environment. <i>Archives of Toxicology</i> , 2017, 91, 109-130.	1.9	126
23	A Schiff Base Complex of Zn(II) as a Neutral Carrier for Highly Selective PVC Membrane Sensors for the Sulfate Ion. <i>Analytical Chemistry</i> , 2001, 73, 2869-2874.	3.2	123
24	Recent advances in biosensor technology in assessment of early diabetes biomarkers. <i>Biosensors and Bioelectronics</i> , 2018, 99, 122-135.	5.3	123
25	Fluorescence α -turn-on α -chemosensor for the selective detection of zinc ion based on Schiff-base derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 978-982.	2.0	122
26	Mercury(II) Ion-Selective Electrode Based on Dibenzo-diazathia-18-crown-6-dione. <i>Electroanalysis</i> , 1999, 11, 81-84.	1.5	121
27	Molecularly imprinted polymer based potentiometric sensor for the determination of hydroxyzine in tablets and biological fluids. <i>Analytica Chimica Acta</i> , 2008, 612, 65-74.	2.6	120
28	Screening method for phthalate esters in water using liquid-phase microextraction based on the solidification of a floating organic microdrop combined with gas chromatography α mass spectrometry. <i>Talanta</i> , 2008, 76, 718-723.	2.9	120
29	Oligoaniline-based conductive biomaterials for tissue engineering. <i>Acta Biomaterialia</i> , 2018, 72, 16-34.	4.1	119
30	Hydrogel membranes: A review. <i>Materials Science and Engineering C</i> , 2020, 114, 111023.	3.8	117
31	Surface amplification of pencil graphite electrode with polypyrrole and reduced graphene oxide for fabrication of a guanine/adenine DNA based electrochemical biosensors for determination of didanosine anticancer drug. <i>Applied Surface Science</i> , 2018, 441, 55-60.	3.1	113
32	Zeolites in drug delivery: Progress, challenges and opportunities. <i>Drug Discovery Today</i> , 2020, 25, 642-656.	3.2	113
33	Fourier transform cyclic voltammetric technique for monitoring ultratrace amounts of salbutamol at gold ultra microelectrode in flowing solutions. <i>Talanta</i> , 2005, 66, 1225-1233.	2.9	111
34	Facile chemical synthesis of cobalt tungstates nanoparticles as high performance supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 4541-4550.	1.1	111
35	Use of organofunctionalized nanoporous silica gel to improve the lifetime of carbon paste electrode for determination of copper(II) ions. <i>Analytica Chimica Acta</i> , 2007, 601, 172-182.	2.6	104
36	Synthesis of Ni α Co-Fe layered double hydroxide and Fe ₂ O ₃ /Graphene nanocomposites as actively materials for high electrochemical performance supercapacitors. <i>Electrochimica Acta</i> , 2019, 317, 83-92.	2.6	104

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37	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. <i>Materials Science and Engineering C</i> , 2017, 73, 472-477.	3.8	102
38	Lanthanum(III) PVC Membrane Electrodes Based on 1,3,5-Trithiacyclohexane. <i>Analytical Chemistry</i> , 2002, 74, 5538-5543.	3.2	100
39	A new nano-sorbent for fast and efficient removal of heavy metals from aqueous solutions based on modification of magnetic mesoporous silica nanospheres. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 193-203.	1.0	99
40	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. <i>Applied Surface Science</i> , 2017, 402, 245-253.	3.1	96
41	Novel gadolinium poly(vinyl chloride) membrane sensor based on a new Schiff's base. <i>Analytica Chimica Acta</i> , 2003, 495, 51-59.	2.6	95
42	Application of genetic algorithm-support vector machine (GA-SVM) for prediction of BK-channels activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 5023-5028.	2.6	93
43	Assessing the magnetic, cytotoxic and photocatalytic influence of incorporating Yb ³⁺ or Pr ³⁺ ions in cobalt-nickel ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6902-6909.	1.1	93
44	Novel label-free electrochemical aptasensor for determination of Diazinon using gold nanoparticles-modified screen-printed gold electrode. <i>Biosensors and Bioelectronics</i> , 2018, 120, 122-128.	5.3	92
45	Novel terbium(III) sensor based on a new bis-pyrrolidene Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2005, 105, 334-339.	4.0	91
46	Highly selective and sensitive chromium(III) membrane sensors based on 4-amino-3-hydrazino-6-methyl-1,2,4-triazin-5-one as a new neutral ionophore. <i>Sensors and Actuators B: Chemical</i> , 2006, 119, 41-46.	4.0	91
47	Paper based colorimetric detection of miRNA-21 using Ag/Pt nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117529.	2.0	91
48	Lead ion selective PVC membrane electrode based on 5,5'-dithiobis-(2-nitrobenzoic acid). <i>Talanta</i> , 1998, 46, 1341-1346.	2.9	90
49	Highly selective thiocyanate poly(vinyl chloride) membrane electrode based on a cadmium-Schiff's base complex. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 1091-1095.	1.5	90
50	A novel Er(III) sensor based on a new hydrazone for the monitoring of Er(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2006, 120, 119-124.	4.0	90
51	Investigation of different linear and nonlinear chemometric methods for modeling of retention index of essential oil components: Concerns to support vector machine. <i>Journal of Hazardous Materials</i> , 2009, 166, 853-859.	6.5	90
52	Application of Fe ₃ O ₄ @SiO ₂ /MWCNT Film on Glassy Carbon Electrode for the Sensitive Electroanalysis of Levodopa. <i>International Journal of Electrochemical Science</i> , 2017, 12, 5243-5253.	0.5	90
53	Beryllium-Selective Membrane Electrode Based on Benzo-9-crown-3. <i>Analytical Chemistry</i> , 1998, 70, 5259-5263.	3.2	89
54	Determination of gadolinium(III) ions in soil and sediment samples by a novel gadolinium membrane sensor based on 6-methyl-4-[[1-(2-thienyl)methylidene]amino]-3-thioxo-3,4-dihydro-1,2,4-triazin-5-(2H)-one. <i>Analytica Chimica Acta</i> , 2007, 598, 51-57.	2.6	89

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55	Highly selective and sensitive copper(II) membrane coated graphite electrode based on a recently synthesized Schiff's base. <i>Analytica Chimica Acta</i> , 2001, 440, 81-87.	2.6	88
56	Comparison of <i>Moringa stenopetala</i> seed extract as a clean coagulant with Alum and <i>Moringa stenopetala</i> -Alum hybrid coagulant to remove direct dye from Textile Wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16396-16405.	2.7	88
57	Fabrication of a highly selective Eu(III) membrane sensor based on a new Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2007, 120, 673-678.	4.0	86
58	Synergic effect of graphene quantum dots and room temperature ionic liquid for the fabrication of highly sensitive voltammetric sensor for levodopa determination in the presence of serotonin. <i>Journal of Molecular Liquids</i> , 2017, 241, 316-320.	2.3	86
59	Preparation, characterization and electrochemical application of Ag-ZnO nanoplates for voltammetric determination of glutathione and tryptophan using modified carbon paste electrode. <i>Materials Science and Engineering C</i> , 2015, 57, 107-112.	3.8	85
60	Determination of terbium(III) ions in phosphate rock samples by a Tb ³⁺ -PVC membrane sensor based on N, N-Dimethyl-3-bis(4-methoxyphenyl)phosphoramidate. <i>Materials Science and Engineering C</i> , 2008, 28, 1489-1494.	3.8	84
61	Determination of Cr ³⁺ ions in biological and environmental samples by a chromium(III) membrane sensor based on 5-amino-1-phenyl-1H-pyrazole-4-carboxamide. <i>Desalination</i> , 2009, 249, 560-565.	4.0	84
62	Ionic-liquid/NH ₂ -MWCNTs as a highly sensitive nano-composite for catalase direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1301-1306.	5.3	84
63	Label free colorimetric and fluorimetric direct detection of methylated DNA based on silver nanoclusters for cancer early diagnosis. <i>Biosensors and Bioelectronics</i> , 2015, 73, 108-113.	5.3	84
64	Evaluation of supercapacitive behavior of samarium tungstate nanoparticles synthesized via sonochemical method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8588-8595.	1.1	83
65	Zinc-selective membrane potentiometric sensor based on a recently synthesized benzo-substituted macrocyclic diamide. <i>Sensors and Actuators B: Chemical</i> , 1999, 59, 30-34.	4.0	82
66	Novel Y(III) PVC-Based Membrane Microelectrode Based on a New Schiff's Base. <i>Analytical Letters</i> , 2003, 36, 1511-1522.	1.0	82
67	Carcinoembryonic Antigen Admittance Biosensor Based on Au and ZnO Nanoparticles Using FFT Admittance Voltammetry. <i>Analytical Chemistry</i> , 2011, 83, 1564-1570.	3.2	82
68	Lead Ion-Selective Electrode Based on 4-Vinylbenzo-15-crown-5 Homopolymer. <i>Microchemical Journal</i> , 1998, 60, 122-133.	2.3	81
69	Copper(II)-selective membrane electrodes based on some recently synthesized mixed aza-thioether crowns containing a 1,10-phenanthroline sub-unit. <i>Talanta</i> , 2001, 55, 1047-1054.	2.9	81
70	Construction of a highly selective PVC-based membrane sensor for Ce(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2007, 120, 545-550.	4.0	81
71	Highly efficient removal and preconcentration of lead and cadmium cations from water and wastewater samples using ethylenediamine functionalized SBA-15. <i>Desalination</i> , 2011, 266, 182-187.	4.0	81
72	Electrochemical preparation of MnO ₂ nanobelts through pulse base-electrogeneration and evaluation of their electrochemical performance. <i>Applied Surface Science</i> , 2016, 364, 141-147.	3.1	81

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73	Thermodynamic study of the binding of hexathia-18-crown-6-tetraone with some transition and heavy metal ions in dimethyl sulfoxide solution. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 1959-1962.	1.7	80
74	Novel samarium(III) selective membrane sensor based on glipizid. <i>Sensors and Actuators B: Chemical</i> , 2003, 89, 21-26.	4.0	80
75	Molecular interaction of human serum albumin with paracetamol: Spectroscopic and molecular modeling studies. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 129-134.	3.6	80
76	Lanthanide Recognition: an Asymmetric Erbium Microsensor Based on a Hydrazone Derivative. <i>Sensors</i> , 2007, 7, 3119-3135.	2.1	80
77	Sm ³⁺ Potentiometric Membrane Sensor as a Probe for Determination of Some Pharmaceuticals. <i>Electroanalysis</i> , 2008, 20, 2663-2670.	1.5	79
78	Application of GA-MLR, GA-PLS and the DFT quantum mechanical (QM) calculations for the prediction of the selectivity coefficients of a histamine-selective electrode. <i>Sensors and Actuators B: Chemical</i> , 2008, 132, 13-19.	4.0	79
79	Fluorescent turn on sensing of Caffeine in food sample based on sulfur-doped carbon quantum dots and optimization of process parameters through response surface methodology. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 25-34.	4.0	79
80	Ytterbium(III)-selective membrane electrode based on cefixime. <i>Analytica Chimica Acta</i> , 2003, 475, 59-66.	2.6	78
81	Fabrication of a novel holmium(III) PVC membrane sensor based on 4-chloro-1,2-bis(2-pyridinecarboxamido)benzene as a neutral ionophore. <i>Journal of Applied Electrochemistry</i> , 2007, 37, 853-859.	1.5	78
82	Sub-Second Accumulation and Stripping for Pico-Level Monitoring of Amikacin Sulphate by Fast Fourier Transform Cyclic Voltammetry at a Gold Microelectrode in Flow-Injection Systems. <i>Mikrochimica Acta</i> , 2005, 152, 123-129.	2.5	77
83	Sonochemical preparation of a ytterbium oxide/reduced graphene oxide nanocomposite for supercapacitors with enhanced capacitive performance. <i>RSC Advances</i> , 2016, 6, 51211-51220.	1.7	77
84	Label-free fluorescent detection of microRNA-155 based on synthesis of hairpin DNA-templated copper nanoclusters by etching (top-down approach). <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 133-139.	4.0	77
85	A colorimetric paper sensor for citrate as biomarker for early stage detection of prostate cancer based on peroxidase-like activity of cysteine-capped gold nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 251-259.	2.0	77
86	Highly Selective Iodide Membrane Electrode Based on a Cerium Salen. <i>Analytical Sciences</i> , 2002, 18, 289-292.	0.8	76
87	Fast Monitoring of Nano-Molar Level of Gentamycin by Fast Fourier Transform Continuous Cyclic Voltammetry in Flowing Solution. <i>Analytical Letters</i> , 2006, 39, 1941-1953.	1.0	76
88	A Novel Holmium(III) Membrane Sensor Based on N-(1-Thien-2-ylmethylene)-1,3-Benzothiazol-2-Amine. <i>Analytical Letters</i> , 2006, 39, 1075-1086.	1.0	76
89	Interaction study of pioglitazone with albumin by fluorescence spectroscopy and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 96-101.	2.0	76
90	Novel Gadolinium PVC-Based Membrane Sensor Based on Omeprazole as an Antibiotic. <i>Electroanalysis</i> , 2003, 15, 1038-1042.	1.5	75

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91	Novel Potentiometric PVC-Membrane and Coated Graphite Sensors for Lanthanum(III). <i>Electroanalysis</i> , 2004, 16, 1002-1008.	1.5	75
92	Novel Dy(III) Sensor Based on a New Bis-Pyrrolidene Schiff's Base. <i>Electroanalysis</i> , 2004, 16, 1771-1776.	1.5	75
93	A new Schiff's base ligand immobilized agarose membrane optical sensor for selective monitoring of mercury ion. <i>Journal of Hazardous Materials</i> , 2011, 186, 1794-1800.	6.5	75
94	Facile sonochemical synthesis and electrochemical investigation of ceria/graphene nanocomposites. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2362-2370.	2.9	75
95	Fluorescence turn-on sensing of thiamine based on Arginine α -functionalized graphene quantum dots (Arg-QDs): Central composite design for process optimization. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2078-2085.	4.0	75
96	Tissue engineering with electrospun electro-responsive chitosan-aniline oligomer/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 160-169.	3.6	75
97	Cadmium(II)-selective membrane electrode based on a synthesized tetrol compound. <i>Analytica Chimica Acta</i> , 2000, 408, 75-81.	2.6	74
98	Novel Ytterbium(III) Selective Membrane Sensor Based on N-(2-Pyridyl)-N α -(2-Methoxyphenyl)-Thiourea as an Excellent Carrier and Its Application to Determination of Fluoride in Mouth Wash Preparation Samples. <i>Electroanalysis</i> , 2005, 17, 1534-1539.	1.5	74
99	A new ytterbium(III) PVC membrane electrode based on 6-methy-4-[[1-(1H-pyrrol-2-yl)methylidene]amino]-3-thioxo-3,4-dihydro-1,2,4-triazin-5(2H)-one. <i>Talanta</i> , 2007, 72, 1093-1099.	2.9	74
100	Voltammetric determination of ultratrace levels of cerium(III) using a carbon paste electrode modified with nano-sized cerium-imprinted polymer and multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2016, 183, 1123-1130.	2.5	74
101	Gliclazide as novel carrier in construction of PVC-based La(III)-selective membrane sensor. <i>Talanta</i> , 2003, 59, 613-619.	2.9	73
102	Novel lanthanum(III) membrane sensor based on a new N-S Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2004, 98, 92-96.	4.0	73
103	A turn-on fluorescent sensor for Zn ²⁺ based on new Schiff's base derivative in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 411-415.	4.0	73
104	Synthesis of a novel magnetite/nitrogen-doped reduced graphene oxide nanocomposite as high performance supercapacitor. <i>Powder Technology</i> , 2016, 302, 298-308.	2.1	73
105	Enhancement of the peroxidase-like activity of cerium-doped ferrite nanoparticles for colorimetric detection of H ₂ O ₂ and glucose. <i>Analytical Methods</i> , 2017, 9, 3519-3524.	1.3	73
106	Facile synthesis and characterization of TiO ₂ @graphene@ZnFe ₂ O ₄ ternary nano-hybrids. <i>Journal of Materials Science</i> , 2017, 52, 7008-7016.	1.7	73
107	An electrochemical sensor based on poly (L-Cysteine)@AuNPs @ reduced graphene oxide nanocomposite for determination of levofloxacin. <i>Microchemical Journal</i> , 2019, 147, 198-206.	2.3	73
108	PVC-BASED 1,3,5-TRITHIANE COATED GRAPHITE ELECTRODE FOR DETERMINATION OF CERIUM(III) IONS. <i>Analytical Letters</i> , 2001, 34, 2249-2261.	1.0	72

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109	Determination of Vanadyl Ions by a New PVC Membrane Sensor Based on N, N'-bis-(Salicylidene)-2,2-Dimethylpropane-1,3-Diamine. <i>IEEE Sensors Journal</i> , 2007, 7, 544-550.	2.4	72
110	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. <i>Biosensors and Bioelectronics</i> , 2014, 60, 35-44.	5.3	72
111	Saccharide-coated superparamagnetic Fe ₃ O ₄ nanoparticles (SPIONs) for biomedical applications: An efficient and scalable route for preparation and in situ surface coating through cathodic electrochemical deposition (CED). <i>Materials Letters</i> , 2017, 189, 290-294.	1.3	72
112	Superparamagnetic Iron Oxide (Fe ₃ O ₄) Nanoparticles Coated with PEG/PEI for Biomedical Applications: A Facile and Scalable Preparation Route Based on the Cathodic Electrochemical Deposition Method. <i>Advances in Physical Chemistry</i> , 2017, 2017, 1-7.	2.0	72
113	Development of a new fluorimetric bulk optode membrane based on 2,5-thiophenylbis(5-tert-butyl-1,3-benzoxazole) for nickel(II) ions. <i>Analytica Chimica Acta</i> , 2004, 501, 55-60.	2.6	71
114	Highly selective and sensitive thiocyanate membrane electrode based on nickel(II)-1,4,8,11,15,18,22,25-octabutoxyphthalocyanine. <i>Analytica Chimica Acta</i> , 2006, 555, 336-340.	2.6	71
115	Lanthanide Recognition: Monitoring of Praseodymium(III) by a Novel Praseodymium(III) Microsensor Based on N,N'-bis-(Pyridin-2-ylmethylene)Benzohydrazide. <i>IEEE Sensors Journal</i> , 2007, 7, 1138-1144.	2.4	71
116	Facile preparation of MnO ₂ nanorods and evaluation of their supercapacitive characteristics. <i>Applied Surface Science</i> , 2016, 364, 726-731.	3.1	71
117	Effect of Gd ³⁺ , Pr ³⁺ or Sm ³⁺ -substituted cobalt/zinc ferrite on photodegradation of methyl orange and cytotoxicity tests. <i>Journal of Rare Earths</i> , 2019, 37, 1288-1295.	2.5	71
118	An Eu(III) Sensor Based on N,N-Diethyl-N-(4-hydroxy-6-methylpyridin-2-yl)guanidine. <i>Analytical Sciences</i> , 2004, 20, 1427-1431.	0.8	70
119	Co(OH) ₂ nanoplates with excellent supercapacitive performance: Electrochemical preparation and characterization. <i>Materials Letters</i> , 2016, 184, 223-226.	1.3	70
120	Fluorescence based turn-on strategy for determination of microRNA-155 using DNA-templated copper nanoclusters. <i>Mikrochimica Acta</i> , 2017, 184, 2671-2677.	2.5	70
121	Copper(II)-Selective Membrane Electrode Based on a Recently Synthesized Macrocyclic Diamide. <i>Microchemical Journal</i> , 1999, 63, 202-210.	2.3	69
122	ppt Level Detection of Samarium(III) with a Coated Graphite Sensor Based on an Antibiotic. <i>Analytical Sciences</i> , 2004, 20, 1007-1011.	0.8	69
123	Synthesis of N'-(1-Pyridin-2-ylmethylene)-2-furohydrazide and Its Application in Construction of a Highly Selective PVC-Based Membrane Sensor for La(III) Ions. <i>Analytical Sciences</i> , 2006, 22, 943-948.	0.8	69
124	Application of Novel Praseodymium (III) PVC Membrane Electrode for Determination of Pr(III) Ions in Soil and Sediment Samples. <i>Analytical Letters</i> , 2008, 41, 902-916.	1.0	69
125	A novel method for preparation of bare and poly(vinylpyrrolidone) coated superparamagnetic iron oxide nanoparticles for biomedical applications. <i>Materials Letters</i> , 2016, 179, 5-8.	1.3	69
126	Samarium-doped Fe ₃ O ₄ nanoparticles with improved magnetic and supercapacitive performance: a novel preparation strategy and characterization. <i>Journal of Materials Science</i> , 2018, 53, 295-308.	1.7	69

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127	Novel Ag ⁺ ion-selective electrodes based on two new mixed azathioether crowns containing a 1,10-phenanthroline sub-unit. <i>Analytica Chimica Acta</i> , 2002, 462, 225-234.	2.6	68
128	Highly selective and sensitive copper membrane electrode based on a new synthesized Schiff base. <i>Talanta</i> , 2007, 73, 553-560.	2.9	68
129	Determination of neodymium(III) ions in soil and sediment samples by a novel neodymium(III) sensor based on benzyl bithiosemicarbazone. <i>Electrochimica Acta</i> , 2007, 53, 1870-1876.	2.6	68
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