Mohammad R Ganjali

List of Publications by Year
in descending order

871 papers	30,875 citations	7568 77 h-index	27406 106 g-index
882 all docs	882 docs citations	882 times ranked	19280 citing authors

#	Article	IF	Citations
1	Electrochemical Analysis of Some Toxic Metals by Ionâ€“Selective Electrodes. Critical Reviews in Analytical Chemistry, 2011, 41, 282-313.	3.5	550
2	Modeling of Reactive Blue 19 azo dye removal from colored textile wastewater using L-arginine-functionalized Fe3O4 nanoparticles: Optimization, reusability, kinetic and equilibrium studies. Journal of Magnetism and Magnetic Materials, 2016, 404, 179-189.	2.3	234
3	Thermo-sensitive polymers in medicine: A review. European Polymer Journal, 2019, 117, 402-423.	5.4	206
4	PVC-Based Hexathia-18-crown-6-tetraone Sensor for Mercury(II) Ions. Analytical Chemistry, 1997, 69, 3693-3696.	6.5	201
5	Schiff's Bases and Crown Ethers as Supramolecular Sensing Materials in the Construction of Potentiometric Membrane Sensors. Sensors, 2008, 8, 1645-1703.	3.8	196
6	FRET-based aptamer biosensor for selective and sensitive detection of aflatoxin B1 in peanut and rice. Food Chemistry, 2017, 220, 527-532.	8.2	195
7	Electrochemical study of a novel high performance supercapacitor based on MnO2/nitrogen-doped graphene nanocomposite. Applied Surface Science, 2016, 366, 552-560.	6.1	188
8	Poloxamer: A versatile tri-block copolymer for biomedical applications. Acta Biomaterialia, 2020, 110, 37-67.	8.3	188
9	Development of dispersive liquidâ€“liquid microextraction combined with gas chromatographyâ€“mass spectrometry as a simple, rapid and highly sensitive method for the determination of phthalate esters in water samples. Journal of Chromatography A, 2007, 1172, 105-112.	3.7	181
10	Decoration of nitrogen-doped reduced graphene oxide with cobalt tungstate nanoparticles for use in high-performance supercapacitors. Applied Surface Science, 2017, 423, 1025-1034.	6.1	180
11	A high performance supercapacitor based on a ceria/graphene nanocomposite synthesized by a facile sonochemical method. RSC Advances, 2015, 5, 46050-46058.	3.6	161
12	Sample preparation method for the analysis of some organophosphorus pesticides residues in tomato by ultrasound-assisted solvent extraction followed by dispersive liquidâ€“liquid microextraction. Food Chemistry, 2011, 126, 1840-1844.	8.2	152
13	Visual detection of cancer cells by colorimetric aptasensor based on aggregation of gold nanoparticles induced by DNA hybridization. Analytica Chimica Acta, 2016, 904, 92-97.	5.4	152
14	A novel metronidazole fluorescent nanosensor based on graphene quantum dots embedded silica molecularly imprinted polymer. Biosensors and Bioelectronics, 2017, 92, 618-623.	10.1	152
15	Determination of Pb2+ ions by a modified carbon paste electrode based on multi-walled carbon nanotubes (MWCNTs) and nanosilica. Journal of Hazardous Materials, 2010, 173, 415-419.	12.4	151
16	PVC-Based 1,3,5-Trithiane Sensor for Cerium(III) Ions. Analytical Chemistry, 2000, 72, 2391-2394.	6.5	149
17	A novel high selective and sensitive para-nitrophenol voltammetric sensor, based on a molecularly imprinted polymerâ€“carbon paste electrode. Talanta, 2009, 79, 1197-1203.	5.5	142
18	Oxidation of cyclohexene with tert-butylhydroperoxide catalysted by host (nanocavity of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (z nanocomposite materials (HGNM). Journal of Molecular Catalysis A, 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. Sensors, 2008, 8, 2331-2412.	3.8	137
20	A Novel Electroactive Agarose-Aniline Pentamer Platform as a Potential Candidate for Neural Tissue Engineering. Scientific Reports, 2017, 7, 17187.	3.3	133
21	Sonication method synergism with rare earth based nanocatalyst: preparation of NiFe 2â€“ x Eu x O 4 nanostructures and its catalytic applications for the synthesis of benzimidazoles, benzoxazoles, and benzothiazoles under ultrasonic irradiation. Journal of Rare Earths, 2017, 35, 374-381.	4.8	130
22	Biosensors and their applications in detection of organophosphorus pesticides in the environment. Archives of Toxicology, 2017, 91, 109-130.	4.2	126
23	A Schiff Base Complex of Zn(II) as a Neutral Carrier for Highly Selective PVC Membrane Sensors for the Sulfate Ion. Analytical Chemistry, 2001, 73, 2869-2874.	6.5	123
24	Recent advances in biosensor technology in assessment of early diabetes biomarkers. Biosensors and Bioelectronics, 2018, 99, 122-135.	10.1	123
25	Fluorescence â€œturn-onâ€•chemosensor for the selective detection of zinc ion based on Schiff-base derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 978-982.	3.9	122
26	Mercury(II) Ion-Selective Electrode Based on Dibenzo-diazathia-18-crown-6-dione. Electroanalysis, 1999, 11, 81-84.	2.9	121
27	Molecularly imprinted polymer based potentiometric sensor for the determination of hydroxyzine in tablets and biological fluids. Analytica Chimica Acta, 2008, 612, 65-74.	5.4	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 chromatographyâ€“mass spectrometry. Talanta, 2008, 76, 718-723.	5.5	120
29	Oligoaniline-based conductive biomaterials for tissue engineering. Acta Biomaterialia, 2018, 72, 16-34.	8.3	119
30	Hydrogel membranes: A review. Materials Science and Engineering C, 2020, 114, 111023.	7.3	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. Applied Surface Science, 2018, 441, 55-60.	6.1	113
32	Zeolites in drug delivery: Progress, challenges and opportunities. Drug Discovery Today, 2020, 25, 642-656.	6.4	113
33	Fourier transform cyclic voltammetric technique for monitoring ultratrace amounts of salbutamol at gold ultra microelectrode in flowing solutions. Talanta, 2005, 66, 1225-1233.	5.5	111
34	Facile chemical synthesis of cobalt tungstates nanoparticles as high performance supercapacitor. Journal of Materials Science: Materials in Electronics, 2016, 27, 4541-4550.	2.2	111
35	Use of organofunctionalized nanoporous silica gel to improve the lifetime of carbon paste electrode for determination of copper(II) ions. Analytica Chimica Acta, 2007, 601, 172-182.	5.4	104
36	Synthesis of Niâ€“Co-Fe layered double hydroxide and Fe2O3/Graphene nanocomposites as actively materials for high electrochemical performance supercapacitors. Electrochimica Acta, 2019, 317, 83-92.	5.2	104

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37	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. Materials Science and Engineering C, 2017, 73, 472-477.	7.3	102
38	Lanthanum(III) PVC Membrane Electrodes Based on 1,3,5-Trithiacyclohexane. Analytical Chemistry, 2002, 74, 5538-5543.	6.5	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. Journal of Magnetism and Magnetic Materials, 2017, 441, 193-203.	2.3	99
40	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. Applied Surface Science, 2017, 402, 245-253.	6.1	96
41	Novel gadolinium poly(vinyl chloride) membrane sensor based on a new Sâ€“N Schiffâ€™s base. Analytica Chimica Acta, 2003, 495, 51-59.	5.4	95
42	Application of genetic algorithm-support vector machine (GA-SVM) for prediction of BK-channels activity. European Journal of Medicinal Chemistry, 2009, 44, 5023-5028.	5.5	93
43	Assessing the magnetic, cytotoxic and photocatalytic influence of incorporating Yb3+ or Pr3+ ions in cobaltâ€“nickel ferrite. Journal of Materials Science: Materials in Electronics, 2019, 30, 6902-6909.	2.2	93
44	Novel label-free electrochemical aptasensor for determination of Diazinon using gold nanoparticles-modified screen-printed gold electrode. Biosensors and Bioelectronics, 2018, 120, 122-128.	10.1	92
45	Novel terbium(III) sensor based on a new bis-pyrrolidene Schiffâ€™s base. Sensors and Actuators B: Chemical, 2005, 105, 334-339.	7.8	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. Sensors and Actuators B: Chemical, 2006, 119, 41-46.	7.8	91
47	Paper based colorimetric detection of miRNA-21 using Ag/Pt nanoclusters. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117529.	3.9	91
48	Lead ion selective PVC membrane electrode based on 5,5â€²-dithiobis-(2-nitrobenzoic acid). Talanta, 1998, 46, 1341-1346.	5.5	90
49	Highly selective thiocyanate poly(vinyl chloride) membrane electrode based on a cadmium-Schiff's base complex. Fresenius' Journal of Analytical Chemistry, 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. Sensors and Actuators B: Chemical, 2006, 120, 119-124.	7.8	90
51	Investigation of different linear and nonlinear chemometric methods for modeling of retention index of essential oil components: Concerns to support vector machine. Journal of Hazardous Materials, 2009, 166, 853-859.	12.4	90
52	Application of Fe3O4@SiO2/MWCNT Film on Glassy Carbon Electrode for the Sensitive Electroanalysis of Levodopa. International Journal of Electrochemical Science, 2017, 12, 5243-5253.	1.3	90
53	Beryllium-Selective Membrane Electrode Based on Benzo-9-crown-3. Analytical Chemistry, 1998, 70, 5259-5263.	6.5	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. Analytica Chimica Acta, 2007, 598, 51-57.	5.4	89

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55	Highly selective and sensitive copper(II) membrane coated graphite electrode based on a recently synthesized Schiffâ€™s base. Analytica Chimica Acta, 2001, 440, 81-87.	5.4	88
56	Comparison of Moringa stenopetala seed extract as a clean coagulant with Alum and Moringa stenopetala-Alum hybrid coagulant to remove direct dye from Textile Wastewater. Environmental Science and Pollution Research, 2016, 23, 16396-16405.	5.3	88
57	Fabrication of a highly selective Eu(III) membrane sensor based on a new Sâ€“N hexadentates Schiff's base. Sensors and Actuators B: Chemical, 2007, 120, 673-678.	7.8	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. Journal of Molecular Liquids, 2017, 241, 316-320.	4.9	86
59	Preparation, characterization and electrochemical application of Agâ€“ZnO nanoplates for voltammetric determination of glutathione and tryptophan using modified carbon paste electrode. Materials Science and Engineering C, 2015, 57, 107-112.	7.3	85
60	Determination of terbium(III) ions in phosphate rock samples by a Tb3+â€“PVC membrane sensor based on N, N-Dimethyl-Nâ€², Nâ€³-bis(4-methoxyphenyl)phosphoramidate. Materials Science and Engineering C, 2008, 28, 1489-1494.	7.3	84
61	Determination of Cr3+ ions in biological and environmental samples by a chromium(III) membrane sensor based on 5-amino-1-phenyl-1H-pyrazole-4-carboxamide. Desalination, 2009, 249, 560-565.	8.2	84
62	Ionic-liquid/NH2-MWCNTs as a highly sensitive nano-composite for catalase direct electrochemistry. Biosensors and Bioelectronics, 2010, 25, 1301-1306.	10.1	84
63	Label free colorimetric and fluorimetric direct detection of methylated DNA based on silver nanoclusters for cancer early diagnosis. Biosensors and Bioelectronics, 2015, 73, 108-113.	10.1	84
64	Evaluation of supercapacitive behavior of samarium tungstate nanoparticles synthesized via sonochemical method. Journal of Materials Science: Materials in Electronics, 2017, 28, 8588-8595.	2.2	83
65	Zinc-selective membrane potentiometric sensor based on a recently synthesized benzo-substituted macrocyclic diamide. Sensors and Actuators B: Chemical, 1999, 59, 30-34.	7.8	82
66	Novel Y(III) PVC-Based Membrane Microelectrode Based on a New Sâ€“N Schiff's Base. Analytical Letters, 2003, 36, 1511-1522.	1.8	82
67	Carcinoembryonic Antigen Admittance Biosensor Based on Au and ZnO Nanoparticles Using FFT Admittance Voltammetry. Analytical Chemistry, 2011, 83, 1564-1570.	6.5	82
68	Lead Ion-Selective Electrode Based on 4â€²-Vinylbenzo-15-crown-5 Homopolymer. Microchemical Journal, 1998, 60, 122-133.	4.5	81
69	Copper(II)-selective membrane electrodes based on some recently synthesized mixed aza-thioether crowns containing a 1,10-phenanthroline sub-unit. Talanta, 2001, 55, 1047-1054.	5.5	81
70	Construction of a highly selective PVC-based membrane sensor for Ce(III) ions. Sensors and Actuators B: Chemical, 2007, 120, 545-550.	7.8	81
71	Highly efficient removal and preconcentration of lead and cadmium cations from water and wastewater samples using ethylenediamine functionalized SBA-15. Desalination, 2011, 266, 182-187.	8.2	81
72	Electrochemical preparation of MnO2 nanobelts through pulse base-electrogeneration and evaluation of their electrochemical performance. Applied Surface Science, 2016, 364, 141-147.	6.1	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. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 1959-1962.	1.7	80
74	Novel samarium(III) selective membrane sensor based on glipizid. Sensors and Actuators B: Chemical, 2003, 89, 21-26.	7.8	80
75	Molecular interaction of human serum albumin with paracetamol: Spectroscopic and molecular modeling studies. International Journal of Biological Macromolecules, 2009, 45, 129-134.	7.5	80
76	Lanthanide Recognition: an Asymetric Erbium Microsensor Based on a Hydrazone Derivative. Sensors, 2007, 7, 3119-3135.	3.8	80
77	Sm³⁺ Potentiometric Membrane Sensor as a Probe for Determination of Some Pharmaceutics. Electroanalysis, 2008, 20, 2663-2670.	2.9	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. Sensors and Actuators B: Chemical, 2008, 132, 13-19.	7.8	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. Sensors and Actuators B: Chemical, 2018, 273, 25-34.	7.8	79
80	Ytterbium(III)-selective membrane electrode based on cefixime. Analytica Chimica Acta, 2003, 475, 59-66.	5.4	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. Journal of Applied Electrochemistry, 2007, 37, 853-859.	2.9	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. Mikrochimica Acta, 2005, 152, 123-129.	5.0	77
83	Sonochemical preparation of a ytterbium oxide/reduced graphene oxide nanocomposite for supercapacitors with enhanced capacitive performance. RSC Advances, 2016, 6, 51211-51220.	3.6	77
84	Label-free fluorescent detection of microRNA-155 based on synthesis of hairpin DNA-templated copper nanoclusters by etching (top-down approach). Sensors and Actuators B: Chemical, 2017, 248, 133-139.	7.8	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 251-259.	3.9	77
86	Highly Selective Iodide Membrane Electrode Based on a Cerium Salen. Analytical Sciences, 2002, 18, 289-292.	1.6	76
87	Fast Monitoring of Nanoâ€Molar Level of Gentamycin by Fast Fourier Transform Continuous Cyclic Voltammetry in Flowing Solution. Analytical Letters, 2006, 39, 1941-1953.	1.8	76
88	A Novel Holmium(III) Membrane Sensor Based on Nâ€(1â€Thienâ€2â€Ylmethylene)â€1,3â€Benzothiazolâ€2â€Amine. Analytical Letters, 2006, 39, 1075-1086.	1.8	76
89	Interaction study of pioglitazone with albumin by fluorescence spectroscopy and molecular docking. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 96-101.	3.9	76
90	Novel Gadolinium PVC-Based Membrane Sensor Based on Omeprazole as an Antibiotic. Electroanalysis, 2003, 15, 1038-1042.	2.9	75

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91	Novel Potentiometric PVC-Membrane and Coated Graphite Sensors for Lanthanum(III). Electroanalysis, 2004, 16, 1002-1008.	2.9	75
92	Novel Dy(III) Sensor Based on a New Bis-Pyrrolidene Schiff's Base. Electroanalysis, 2004, 16, 1771-1776.	2.9	75
93	A new Schiff's base ligand immobilized agarose membrane optical sensor for selective monitoring of mercury ion. Journal of Hazardous Materials, 2011, 186, 1794-1800.	12.4	75
94	Facile sonochemical synthesis and electrochemical investigation of ceria/graphene nanocomposites. Journal of Materials Chemistry B, 2015, 3, 2362-2370.	5.8	75
95	Fluorescence turn-on sensing of thiamine based on Arginine â€“ functionalized graphene quantum dots (Arg-GQDs): Central composite design for process optimization. Sensors and Actuators B: Chemical, 2018, 255, 2078-2085.	7.8	75
96	Tissue engineering with electrospun electro-responsive chitosan-aniline oligomer/polyvinyl alcohol. International Journal of Biological Macromolecules, 2020, 147, 160-169.	7.5	75
97	Cadmium(II)-selective membrane electrode based on a synthesized tetrol compound. Analytica Chimica Acta, 2000, 408, 75-81.	5.4	74
98	Novel Ytterbium(III) Selective Membrane Sensor Based on N-(2-Pyridyl)-Nâ€²-(2-Methoxyphenyl)-Thiourea as an Excellent Carrier and Its Application to Determination of Fluoride in Mouth Wash Preparation Samples. Electroanalysis, 2005, 17, 1534-1539.	2.9	74
99	A new ytterbium(III) PVC membrane electrode based on 6-methy-4-{[1-(1H-pyrrol-2-yl)methylidene]amino}-3-thioxo-3,4dihydro-1,2,4-triazin-5(2H)-one. Talanta, 2007, 72, 1093-1099.	5.5	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. Mikrochimica Acta, 2016, 183, 1123-1130.	5.0	74
101	Gliclazide as novel carrier in construction of PVC-based La(III)-selective membrane sensor. Talanta, 2003, 59, 613-619.	5.5	73
102	Novel lanthanum(III) membrane sensor based on a new N-S Schiffâ€™s base. Sensors and Actuators B: Chemical, 2004, 98, 92-96.	7.8	73
103	A turn-on fluorescent sensor for Zn2+ based on new Schiff's base derivative in aqueous media. Sensors and Actuators B: Chemical, 2014, 198, 411-415.	7.8	73
104	Synthesis of a novel magnetite/nitrogen-doped reduced graphene oxide nanocomposite as high performance supercapacitor. Powder Technology, 2016, 302, 298-308.	4.2	73
105	Enhancement of the peroxidase-like activity of cerium-doped ferrite nanoparticles for colorimetric detection of H₂O₂ and glucose. Analytical Methods, 2017, 9, 3519-3524.	2.7	73
106	Facile synthesis and characterization of TiO2â€“grapheneâ€“ZnFe2â^'x Tb x O4 ternary nano-hybrids. Journal of Materials Science, 2017, 52, 7008-7016.	3.7	73
107	An electrochemical sensor based on poly (l-Cysteine)@AuNPs @ reduced graphene oxide nanocomposite for determination of levofloxacin. Microchemical Journal, 2019, 147, 198-206.	4.5	73
108	PVC-BASED 1,3,5-TRITHIANE COATED GRAPHITE ELECTRODE FOR DETERMINATION OF CERIUM(III) IONS. Analytical Letters, 2001, 34, 2249-2261.	1.8	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. IEEE Sensors Journal, 2007, 7, 544-550.	4.7	72
110	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. Biosensors and Bioelectronics, 2014, 60, 35-44.	10.1	72
111	Saccharide-coated superparamagnetic Fe3O4 nanoparticles (SPIONs) for biomedical applications: An efficient and scalable route for preparation and in situ surface coating through cathodic electrochemical deposition (CED). Materials Letters, 2017, 189, 290-294.	2.6	72
112	Superparamagnetic Iron Oxide (Fe₃O₄) Nanoparticles Coated with PEG/PEI for Biomedical Applications: A Facile and Scalable Preparation Route Based on the Cathodic Electrochemical Deposition Method. Advances in Physical Chemistry, 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-benzexazole) for nickel(II) ions. Analytica Chimica Acta, 2004, 501, 55-60.	5.4	71
114	Highly selective and sensitive thiocyanate membrane electrode based on nickel(II)-1,4,8,11,15,18,22,25-octabutoxyphthalocyanine. Analytica Chimica Acta, 2006, 555, 336-340.	5.4	71
115	Lanthanide Recognition: Monitoring of Praseodymium(III) by a Novel Praseodymium(III) Microsensor Based on N$'$-(Pyridin-2-Ylmethylene)Benzohydrazide. IEEE Sensors Journal, 2007, 7, 1138-1144.	4.7	71
116	Facile preparation of MnO2 nanorods and evaluation of their supercapacitive characteristics. Applied Surface Science, 2016, 364, 726-731.	6.1	71
117	Effect of Gd3+-, Pr3+- or Sm3+-substituted cobaltâ€“zinc ferrite on photodegradation of methyl orange and cytotoxicity tests. Journal of Rare Earths, 2019, 37, 1288-1295.	4.8	71
118	An Eu(III) Sensor Based on N,N-Diethyl-N-(4-hydroxy-6-methylpyridin-2-yl)guanidine. Analytical Sciences, 2004, 20, 1427-1431.	1.6	70
119	Î±-Co(OH)2 nanoplates with excellent supercapacitive performance: Electrochemical preparation and characterization. Materials Letters, 2016, 184, 223-226.	2.6	70
120	Fluorescence based turn-on strategy for determination of microRNA-155 using DNA-templated copper nanoclusters. Mikrochimica Acta, 2017, 184, 2671-2677.	5.0	70
121	Copper(II)-Selective Membrane Electrode Based on a Recently Synthesized Macrocyclic Diamide. Microchemical Journal, 1999, 63, 202-210.	4.5	69
122	ppt Level Detection of Samarium(III) with a Coated Graphite Sensor Based on an Antibiotic. Analytical Sciences, 2004, 20, 1007-1011.	1.6	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. Analytical Sciences, 2006, 22, 943-948.	1.6	69
124	Application of Novel Praseodymium (III) PVCâ€Membrane Electrode for Determination of Pr(III) Ions in Soil and Sediment Samples. Analytical Letters, 2008, 41, 902-916.	1.8	69
125	A novel method for preparation of bare and poly(vinylpyrrolidone) coated superparamagnetic iron oxide nanoparticles for biomedical applications. Materials Letters, 2016, 179, 5-8.	2.6	69
126	Samarium-doped Fe3O4 nanoparticles with improved magnetic and supercapacitive performance: a novel preparation strategy and characterization. Journal of Materials Science, 2018, 53, 295-308.	3.7	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. Analytica Chimica Acta, 2002, 462, 225-234.	5.4	68
128	Highly selective and sensitive copper membrane electrode based on a new synthesized Schiff base. Talanta, 2007, 73, 553-560.	5.5	68
129	Determination of neodymium(III) ions in soil and sediment samples by a novel neodymium(III) sensor based on benzyl bisthiosemicarbazone. Electrochimica Acta, 2007, 53, 1870-1876.	5.2	68
130	Application of multivariate analysis to the screening of molecularly imprinted polymers (MIPs) for ametryn. Talanta, 2008, 75, 978-986.	5.5	68
131	Novel bi-functional electrocatalysts based on the electrochemical synthesized bimetallicmetal organic frameworks: Towards high energy advanced reversible zincâ€“air batteries. Journal of Power Sources, 2020, 451, 227768.	7.8	68
132	Strontium-Selective Membrane Electrodes Based on Some Recently Synthesized Benzo-Substituted Macrocyclic Diamides. Analytical Chemistry, 1999, 71, 4938-4943.	6.5	67
133	Electrosynthesis and characterization of zinc tungstate nanoparticles. Journal of Molecular Structure, 2013, 1047, 31-36.	3.6	67
134	Electrochemical platform for simultaneous determination of levodopa, acetaminophen and tyrosine using a graphene and ferrocene modified carbon paste electrode. Mikrochimica Acta, 2017, 184, 3281-3289.	5.0	67
135	Five-component domino synthesis of tetrahydropyridines using hexagonal PbCr x Fe12â^'x O19 as efficient magnetic nanocatalyst. Research on Chemical Intermediates, 2017, 43, 6155-6165.	2.7	67
136	Modification of Carbon Paste Electrode Based on Molecularly Imprinted Polymer for Electrochemical Determination of Diazinon in Biological and Environmental Samples. Electroanalysis, 2017, 29, 708-715.	2.9	67
137	Evaluation of supercapacitive and magnetic properties of Fe3O4 nano-particles electrochemically doped with dysprosium cations: Development of a novel iron-based electrode. Ceramics International, 2018, 44, 520-529.	4.8	67
138	Sub-second adsorption for sub-nanomolar monitoring of metoclopramide by fast stripping continuous cyclic voltammetry. Electrochemistry Communications, 2005, 7, 333-338.	4.7	66
139	Novel method for fast determination of ultra trace amounts of timolol maleate by continuous cyclic voltammetry at Au microelectrode in flowing injection systems. Sensors and Actuators B: Chemical, 2005, 110, 239-245.	7.8	65
140	Neutral N,Nâ€²-bis(2-pyridinecarboxamide)-1,2-ethane as sensing material for determination of lutetium(III) ions in biological and environmental samples. Materials Science and Engineering C, 2009, 29, 205-210.	7.3	64
141	Cd(II) PVC-Based Membrane Sensor Based on <I>N</I>â€²-[1-(2-furyl)methylidene]-2-furohydrazide. Sensor Letters, 2006, 4, 345-350.	0.4	64
142	Construction of Tm3+-PVC membrane sensor based on 1-(2-thiazolylazo)-2-naphthol as sensing material. Materials Science and Engineering C, 2010, 30, 480-483.	7.3	63
143	The Synthesis of a New Thiophene-Derivative Schiff's Base and Its Use in Preparation of Copper-Ion Selective Electrodes. Electroanalysis, 2001, 13, 1513-1517.	2.9	62
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