

Ibraihm H A Badr

List of Publications by Year in descending order

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49
papers

1,479
citations

279798

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Simple spectrofluorimetric methods for determination of veterinary antibiotic drug (apramycin) Tj ETQq1 1 0.784314 rgBT /Overlock Biomolecular Spectroscopy, 2020, 224, 117395.	3.9	5
2	Novel Potentiometric Sensor for the Selective Determination of Cefotaxime Sodium and Its Application to Pharmaceutical Analysis. IEEE Sensors Journal, 2020, 20, 3415-3422.	4.7	3
3	Glassy Carbon Electrode Electromodification in the Presence of Organic Monomers: Electropolymerization versus Activation. Analytical Chemistry, 2020, 92, 7947-7954.	6.5	26
4	A Sensitive and Green Method for Determination of Catechol Using Multi-Walled Carbon Nanotubes/Poly(1,5-diaminonaphthalene) Composite Film Modified Glassy Carbon Electrode. Journal of the Electrochemical Society, 2019, 166, B1441-B1451.	2.9	14
5	Low cost chemical oxygen demand sensor based on electrodeposited nano-copper film. Arabian Journal of Chemistry, 2018, 11, 171-180.	4.9	35
6	Potentiometric Determination of Ciprofloxacin in Physiological Fluids Using Carbon Paste and Nano-Composite Carbon Paste Electrodes. Electroanalysis, 2017, 29, 1172-1179.	2.9	15
7	Sensitive and Green Method for Determination of Chemical Oxygen Demand Using a Nano-copper Based Electrochemical Sensor. Electroanalysis, 2017, 29, 2401-2409.	2.9	27
8	Correlating the potentiometric selectivity of cyclosporin-based electrodes with binding patterns obtained from electrospray ionization-mass spectrometry. Analyst, The, 2017, 142, 3241-3249.	3.5	2
9	Potentiometric Anion Selectivity and Analytical Applications of Polymer Membrane Electrodes Based on Novel Mn(III)- and Mn(IV)-Salophen Complexes. Electroanalysis, 2016, 28, 2922-2929.	2.9	14
10	Development of potentiometric sensors for the selective determination of UO ₂ ²⁺ ions. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 469-477.	1.5	9
11	Enhancing biocompatibility of some cation selective electrodes using heparin modified bacterial cellulose. Carbohydrate Polymers, 2015, 134, 687-694.	10.2	12
12	Reduction of thrombogenicity of PVC-based sodium selective membrane electrodes using heparin-modified chitosan. Carbohydrate Polymers, 2014, 99, 783-790.	10.2	18
13	The Enhancement of Pyrene Biodegradation by Assembling MFe ₃ O ₄ Nano-sorbents on the Surface of Microbial Cells. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 1931-1937.	2.3	9
14	Cyanex based uranyl sensitive polymeric membrane electrodes. Talanta, 2014, 118, 147-155.	5.5	14
15	New Potentiometric Sensors for Picrate Determination Using Flow-Through System: Application to Kinetic Assessment of Se(IV). Electroanalysis, 2013, 25, 793-801.	2.9	5
16	A Novel Neutral Carrier for Uranyl Ion Based on a Commercially Available Aminophosphate Derivative: Evaluation in Membrane Electrodes and Nuclear Safeguards Applications. Electroanalysis, 2012, 24, 2309-2316.	2.9	12
17	Synthesis, spectroscopic, photoluminescence properties and biological evaluation of novel Zn(II) and Al(III) complexes of NOON tetradentate Schiff bases. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 388-396.	3.9	33
18	A Novel Poly(vinyl chloride) Matrix Membrane Sensor for Batch and Flow-Injection Determinations of Thiocyanate, Cyanide and Some Metal Ions. Analytical Sciences, 2009, 25, 911-917.	1.6	31

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19	Potentiometric anion selectivity of polymer-membrane electrodes based on cobalt, chromium, and aluminum salens. <i>Analytica Chimica Acta</i> , 2006, 570, 176-185.	5.4	19
20	Highly selective single-use fluoride ion optical sensor based on aluminum(III)-salen complex in thin polymeric film. <i>Analytica Chimica Acta</i> , 2005, 553, 169-176.	5.4	28
21	A New Neutral Carrier for Silver Ions Based on a Bis(Thiothiazole) Derivative and its Evaluation in Membrane Electrodes. <i>Mikrochimica Acta</i> , 2005, 149, 87-94.	5.0	18
22	Response behavior of sodium-selective electrodes modified by surface attachment of the anticoagulant polysaccharides heparin and chondroitin sulfate. <i>Talanta</i> , 2005, 65, 261-266.	5.5	11
23	Highly Selective Optical Fluoride Ion Sensor with Submicromolar Detection Limit Based on Aluminum(III) Octaethylporphyrin in Thin Polymeric Film. <i>Journal of the American Chemical Society</i> , 2005, 127, 5318-5319.	13.7	121
24	Fluoride-Selective Optical Sensor Based on Aluminum(III) Octaethylporphyrin in Thin Polymeric Film: Further Characterization and Practical Application. <i>Analytical Chemistry</i> , 2005, 77, 6719-6728.	6.5	46
25	Potentiometric Flow Injection Analysis of Anionic Surfactants in Industrial Products and Wastes. <i>Mikrochimica Acta</i> , 2004, 144, 263-269.	5.0	26
26	Fluorescent Ion-Selective Optode Membranes Incorporated onto a Centrifugal Microfluidics Platform. <i>Analytical Chemistry</i> , 2002, 74, 5569-5575.	6.5	77
27	Improving the Blood Compatibility of Ion-Selective Electrodes by Employing Poly(MPC-co-BMA), a Copolymer Containing Phosphorylcholine, as a Membrane Coating. <i>Analytical Chemistry</i> , 2002, 74, 3644-3648.	6.5	42
28	Determination of Carrageenan in Food Products Using Potentiometric Polyion Sensors. <i>Electroanalysis</i> , 2002, 14, 439-444.	2.9	24
29	Polymeric Membrane Ion-Selective Electrodes Based on Molecular Asterisk Ionophores. <i>Electroanalysis</i> , 2002, 14, 1419-1425.	2.9	10
30	Development of a Fully Integrated Analysis System for Ions Based on Ion-Selective Optodes and Centrifugal Microfluidics. <i>Analytical Chemistry</i> , 2001, 73, 3940-3946.	6.5	112
31	Reducing the Thrombogenicity of Ion-Selective Electrode Membranes through the Use of a Silicone-Modified Segmented Polyurethane. <i>Analytical Chemistry</i> , 2001, 73, 5328-5333.	6.5	29
32	Flow injection analysis of sulfite ion with a potentiometric titanium phosphate epoxy based membrane sensor. <i>Talanta</i> , 2001, 54, 773-782.	5.5	29
33	Novel solid-state ammonium ion potentiometric sensor based on zirconium titanium phosphate ion exchanger. <i>Analytica Chimica Acta</i> , 2001, 427, 21-28.	5.4	44
34	NITRITE-SELECTIVE OPTICAL SENSORS BASED ON ORGANOPALLADIUM IONOPHORES. <i>Analytical Letters</i> , 2001, 34, 2019-2034.	1.8	11
35	Epoxy Matrix Membrane Potentiometric Sensor Based on Zirconium Titanium Phosphate Ion Exchanger for Flow Injection Analysis of Nitrite. <i>Electroanalysis</i> , 2000, 12, 1312-1317.	2.9	6
36	Electrochemical Assay for Highly Charged Polyamino Acids: Application to Polyamino Acid Functionalized Microfiltration Membranes. <i>Electroanalysis</i> , 2000, 12, 1368-1372.	2.9	6

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37	A Selective Optical Sensor Based on [9]Mercuracarborand-3, a New Type of Ionophore with a Chloride Complexing Cavity. <i>Analytical Chemistry</i> , 2000, 72, 4249-4254.	6.5	57
38	Tripodal Ionophore with Sulfate Recognition Properties for Anion-Selective Electrodes. <i>Analytical Chemistry</i> , 2000, 72, 5295-5299.	6.5	95
39	Hydrogen sulfite optical sensor based on a lipophilic guanidinium ionophore. <i>Analytica Chimica Acta</i> , 1999, 388, 63-69.	5.4	25
40	Green Fluorescent Protein in the Design of a Living Biosensing System for l-Arabinose. <i>Analytical Chemistry</i> , 1999, 71, 763-768.	6.5	45
41	Mercuracarborand "Anti-Crown Ether"-Based Chloride-Sensitive Liquid/Polymeric Membrane Electrodes. <i>Analytical Chemistry</i> , 1999, 71, 1371-1377.	6.5	104
42	Synthesis and Evaluation of a Bis(crown ether) Ionophore with a Conformationally Constrained Bridge in Ion-Selective Electrodes.. <i>Analytical Sciences</i> , 1998, 14, 169-173.	1.6	19
43	Electrochemical Assay of Proteinase Inhibitors Using Polycation-Sensitive Membrane Electrode Detection. <i>Analytical Biochemistry</i> , 1997, 250, 74-81.	2.4	26
44	Metalloporphyrin-based polymer membrane electrode with high selectivity for 2-hydroxybenzhydroxamate. <i>Analytica Chimica Acta</i> , 1996, 321, 11-19.	5.4	48
45	Novel response mechanism and application of sulfite sensitive polymeric membrane electrode based on dithiocarbamate complexes of mercury(II). <i>Analytica Chimica Acta</i> , 1995, 310, 211-221.	5.4	29
46	Potentiometric Anion Selectivity of Polymer Membranes Doped with Palladium Organophosphine Complex. <i>Analytical Chemistry</i> , 1995, 67, 2613-2618.	6.5	82
47	PVC Membrane electrodes for manual and flow-injection determination of tetraphenylborate: Applications to separate and sequential titrations of some metal ions. <i>Talanta</i> , 1994, 41, 523-530.	5.5	5
48	Kinetics of chlorine isotope exchange reaction between sodium chloride-36 and triphenyltin chloride in mixed solvents. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 162, 71-78.	1.5	0
49	Kinetics of chlorine isotope exchange reaction between sodium chloride-36 and triphenyltin chloride in mixed solvents. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 164, 141-151.	1.5	0