Johan Bobacka

List of Publications by Year in descending order

149 papers	7,893 citations	66343 42 h-index	58581 82 g-index
154 all docs	154 docs citations	154 times ranked	4959 citing authors

#	Article	IF	Citations
1	Anomalous potentiometric response of solid-contact ion-selective electrodes with thin-layer membranes. Sensors and Actuators B: Chemical, 2022, 357, 131416.	7.8	7
2	Perchlorate Solid-Contact Ion-Selective Electrode Based on Dodecabenzylbambus[6]uril. Chemosensors, 2022, 10, 115.	3.6	12
3	Influence of enzyme immobilization and skin-sensor interface on non-invasive glucose determination from interstitial fluid obtained by magnetohydrodynamic extraction. Biosensors and Bioelectronics, 2022, 206, 114123.	10.1	19
4	Coulometric ion sensing with Li+-selective LiMn2O4 electrodes. Electrochemistry Communications, 2022, 139, 107302.	4.7	5
5	Long-Time Evaluation of Solid-State Composite Reference Electrodes. Membranes, 2022, 12, 569.	3.0	3
6	A review on conjugated polymer-based electronic tongues. Analytica Chimica Acta, 2022, 1221, 340114.	5.4	23
7	Too small to matter? Physicochemical transformation and toxicity of engineered nTiO2, nSiO2, nZnO, carbon nanotubes, and nAg. Journal of Hazardous Materials, 2021, 404, 124107.	12.4	33
8	Life cycle assessment of plastic grocery bags and their alternatives in cities with confined waste management structure: A Singapore case study. Journal of Cleaner Production, 2021, 278, 123956.	9.3	63
9	Coulometric response of solid-contact anion-sensitive electrodes. Electrochimica Acta, 2021, 367, 137566.	5.2	20
10	Highly sensitive and stable fructose self-powered biosensor based on a self-charging biosupercapacitor. Biosensors and Bioelectronics, 2021, 176, 112909.	10.1	26
11	Polymer-Drug Conjugates as Nanotheranostic Agents. Journal of Nanotheranostics, 2021, 2, 63-81.	3.1	20
12	Sampling of fluid through skin with magnetohydrodynamics for noninvasive glucose monitoring. Scientific Reports, 2021, 11, 7609.	3.3	19
13	In situ catalytic reforming of plastic pyrolysis vapors using MSW incineration ashes. Environmental Pollution, 2021, 276, 116681.	7.5	22
14	Dependence of the potentiometric response of PEDOT(PSS) on the solubility product of silver salts. Electrochimica Acta, 2021, 390, 138854.	5.2	1
15	Environmental footprint of voltammetric sensors based on screen-printed electrodes: An assessment towards â€œgreenâ€•sensor manufacturing. Chemosphere, 2021, 278, 130462.	8.2	32
16	Gold-modified paper as microfluidic substrates with reduced biofouling in potentiometric ion sensing. Sensors and Actuators B: Chemical, 2021, 344, 130200.	7.8	22
17	Potentiometric Carboxylate Sensors Based on Carbazole-Derived Acyclic and Macrocyclic Ionophores. Chemosensors, 2021, 9, 4.	3.6	7
18	Multilayer and Surface Immobilization of EDOT-Decorated Nanocapsules. Langmuir, 2021, 37, 499-508.	3.5	1

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19	Silver(I)-selective electrodes based on rare earth element double-decker porphyrins. Sensors and Actuators B: Chemical, 2020, 305, 127311.	7.8	25
20	Real-time monitoring of the dissolution of silver nanoparticles by using a solid-contact Ag+-selective electrode. Analytica Chimica Acta, 2020, 1101, 50-57.	5.4	17
21	Polyterthiophenes Crossâ€Linked with Terpyridyl Metal Complexes for Molecular Architecture of Optically and Electrochemically Tunable Materials. ChemElectroChem, 2020, 7, 4453-4459.	3.4	4
22	Design, synthesis and application of carbazole macrocycles in anion sensors. Beilstein Journal of Organic Chemistry, 2020, 16, 1901-1914.	2.2	12
23	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. Analytica Chimica Acta, 2020, 1132, 123-133.	5.4	8
24	Solid reference electrode integrated with paper-based microfluidics for potentiometric ion sensing. Sensors and Actuators B: Chemical, 2020, 323, 128680.	7.8	37
25	On-line microcolumn-based dynamic leaching method for investigation of lead bioaccessibility in shooting range soils. Chemosphere, 2020, 256, 127022.	8.2	18
26	Coulometric response characteristics of solid contact ion-selective electrodes for divalent cations. Journal of Solid State Electrochemistry, 2020, 24, 2975-2983.	2.5	19
27	Electrochemical sensors for real-world applications. Journal of Solid State Electrochemistry, 2020, 24, 2039-2040.	2.5	28
28	EACH (Excellence in Analytical Chemistry), an Erasmus Mundus Joint Programme: progress and success. Analytical and Bioanalytical Chemistry, 2019, 411, 5913-5921.	3.7	1
29	PVC-Based Ion-Selective Electrodes with a Silicone Rubber Outer Coating with Improved Analytical Performance. Analytical Chemistry, 2019, 91, 10524-10531.	6.5	57
30	Molecularly imprinted conducting polymer for determination of a condensed lignin marker. Sensors and Actuators B: Chemical, 2019, 295, 186-193.	7.8	14
31	Bioimpedance Sensor Array for Long-Term Monitoring of Wound Healing from Beneath the Primary Dressings and Controlled Formation of H2O2 Using Low-Intensity Direct Current. Sensors, 2019, 19, 2505.	3.8	32
32	Improving the Sensitivity of Solid-Contact Ion-Selective Electrodes by Using Coulometric Signal Transduction. ACS Sensors, 2019, 4, 900-906.	7.8	64
33	Solidâ€contact Acetateâ€selective Electrode Based on a 1,3â€bis(carbazolyl)ureaâ€ionophore. Electroanalysis, 2019, 31, 1061-1066.	2.9	10
34	Electrochemically controlled transport of anions across polypyrrole-based membranes. Journal of Membrane Science, 2019, 581, 50-57.	8.2	24
35	Gadolinium retention in gliomas and adjacent normal brain tissue: association with tumor contrast enhancement and linear/macrocyclic agents. Neuroradiology, 2019, 61, 535-544.	2.2	25
36	Calcium-selective electrodes based on photo-cured polyurethane-acrylate membranes covalently attached to methacrylate functionalized poly(3,4-ethylenedioxythiophene) as solid-contact. Talanta, 2018, 186, 279-285.	5.5	30

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37	Application of terpyridyl ligands to tune the optical and electrochemical properties of a conducting polymer. RSC Advances, 2018, 8, 29505-29512.	3.6	4
38	Capacitive Model for Coulometric Readout of Ion-Selective Electrodes. Analytical Chemistry, 2018, 90, 8700-8707.	6.5	59
39	Electrosynthesized polypyrrole/zeolite composites as solid contact in potassium ion-selective electrode. Electrochimica Acta, 2017, 228, 66-75.	5.2	31
40	Influence of phosphate buffer and proteins on the potentiometric response of a polymeric membrane-based solid-contact Pb(II) ion-selective electrode. Electrochimica Acta, 2017, 252, 490-497.	5.2	26
41	Paper-based microfluidic sampling and separation of analytes for potentiometric ion sensing. Sensors and Actuators B: Chemical, 2017, 243, 346-352.	7.8	33
42	Specific Electrocatalytic Oxidation of Cellulose at Carbon Electrodes Modified by Gold Nanoparticles. ChemCatChem, 2016, 8, 2401-2405.	3.7	11
43	Hand-Held Transistor Based Electrical and Multiplexed Chemical Sensing System. ACS Sensors, 2016, 1, 1423-1431.	7.8	38
44	Study of adhesion force between cellulose micro-sphere and cellulose membrane. , 2016, , .		0
45	Tuned ionophore-based bi-membranes for selective transport of target ions. Journal of Membrane Science, 2016, 511, 76-83.	8.2	19
46	New Signal Readout Principle for Solid-Contact Ion-Selective Electrodes. Analytical Chemistry, 2016, 88, 4369-4374.	6.5	88
47	Influence of Electrode Geometry on the Response of Solidâ€Contact Ionâ€Selective Electrodes when Utilizing a New Coulometric Signal Readout Method. ChemElectroChem, 2016, 3, 2071-2077.	3.4	31
48	Ionâ€selective Electrodes with 3D Nanostructured Conducting Polymer Solid Contact. Electroanalysis, 2016, 28, 778-786.	2.9	35
49	A novel modified terpyridine derivative as a model molecule to study kinetic-based optical spectroscopic ion determination methods. Synthetic Metals, 2016, 219, 101-108.	3.9	7
50	Biomimetic membranes based on molecularly imprinted conducting polymers as a sensing element for determination of taurine. Electrochimica Acta, 2016, 188, 537-544.	5.2	20
51	In Situ Potentiometry and Ellipsometry: A Promising Tool to Study Biofouling of Potentiometric Sensors. Analytical Chemistry, 2016, 88, 3009-3014.	6.5	34
52	Paper-based potentiometric ion sensors constructed on ink-jet printed gold electrodes. Sensors and Actuators B: Chemical, 2016, 224, 325-332.	7.8	67
53	Adhesive behavior study between cellulose and borosilicate glass using colloidal probe technique. , 2015, , .		1
54	Novel Ionâ€toâ€Electron Transduction Principle for Solidâ€Contact ISEs. Electroanalysis, 2015, 27, 591-594.	2.9	71

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55	Solid-contact lead(II) ion-selective electrodes for potentiometric determination of lead(II) in presence of high concentrations of Na(I), Cu(II), Cd(II), Zn(II), Ca(II) and Mg(II). Sensors and Actuators B: Chemical, 2015, 218, 25-30.	7.8	40
56	Textile-based sampling for potentiometric determination of ions. Analytica Chimica Acta, 2015, 877, 71-79.	5.4	38
57	Transportation and Accumulation of Redox Active Species at the Buried Interfaces of Plasticized Membrane Electrodes. Langmuir, 2015, 31, 10599-10609.	3.5	13
58	Paper-based microfluidic sampling for potentiometric determination of ions. Sensors and Actuators B: Chemical, 2015, 207, 933-939.	7.8	56
59	Electrochemical control of the standard potential of solid-contact ion-selective electrodes having a conducting polymer as ion-to-electron transducer. Electrochimica Acta, 2014, 122, 316-321.	5.2	68
60	Multicalibrational procedure for more reliable analyses of ions at low analyte concentrations. Electrochimica Acta, 2014, 140, 27-32.	5.2	23
61	Instrument-Free Control of the Standard Potential of Potentiometric Solid-Contact Ion-Selective Electrodes by Short-Circuiting with a Conventional Reference Electrode. Analytical Chemistry, 2014, 86, 10540-10545.	6.5	63
62	Electrospun TiO2 nanofibers decorated Ti substrate for biomedical application. Materials Science and Engineering C, 2014, 45, 56-63.	7.3	20
63	Potentiometric sensing utilizing paper-based microfluidic sampling. Analyst, The, 2014, 139, 2133-2136.	3.5	51
64	Electrochemical properties of novel porous carbon based material synthesized from polycyclic aromatic hydrocarbons. Electrochimica Acta, 2013, 105, 384-393.	5.2	4
65	Electrochemical synthesis and characterization of poly(3,4-ethylenedioxythiophene) doped with sulfonated calixarenes and sulfonated calixareneâ€“fullerene complexes. Electrochimica Acta, 2013, 107, 178-186.	5.2	3
66	Solid-Contact Ion-Selective Electrodes with Highly Selective Thioamide Derivatives of p-tert-Butylcalix[4]arene for the Determination of Lead(II) in Environmental Samples. Analytical Chemistry, 2013, 85, 1555-1561.	6.5	39
67	Determination of Lead(II) in Groundwater Using Solidâ€State Lead(II) Selective Electrodes by Tuned Galvanostatic Polarization. Electroanalysis, 2013, 25, 123-131.	2.9	33
68	Investigation of Protein Binding With All Solidâ€State Ionâ€Selective Electrodes. Electroanalysis, 2013, 25, 1887-1894.	2.9	6
69	Ion Exchange Behavior of Polypyrrole Doped with Large Anions in Electrolytes Containing Monoâ€and Divalent Mmetal Ions. Electroanalysis, 2013, 25, 991-1004.	2.9	13
70	A low-cost paper-based inkjet-printed platform for electrochemical analyses. Sensors and Actuators B: Chemical, 2013, 177, 153-162.	7.8	166
71	Durable PEDOT:PSS films obtained from modified water-based inks for electrochemical sensors. Sensors and Actuators B: Chemical, 2013, 181, 694-701.	7.8	39
72	Electrochemical and spectroscopic study on thiolation of polyaniline. Electrochimica Acta, 2013, 90, 604-614.	5.2	20

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73	Recovery of nanomolar detection limit of solid-contact lead (II)-selective electrodes by electrode conditioning. Journal of Solid State Electrochemistry, 2012, 16, 2983-2991.	2.5	30
74	Reduced Graphene Oxide Films as Solid Transducers in Potentiometric All-Solid-State Ion-Selective Electrodes. Journal of Physical Chemistry C, 2012, 116, 22570-22578.	3.1	103
75	Impedance study of thiolated polyaniline. Journal of Solid State Electrochemistry, 2012, 16, 2783-2789.	2.5	7
76	Disposable solid-contact ion-selective electrodes for environmental monitoring of lead with ppb limit-of-detection. Electrochimica Acta, 2012, 73, 93-97.	5.2	46
77	Mediatorless sugar/oxygen enzymatic fuel cells based on gold nanoparticle-modified electrodes. Biosensors and Bioelectronics, 2012, 31, 219-225.	10.1	159
78	Direct Electron Transfer of Trametes hirsuta Laccase in a Dual-Layer Architecture of Poly(3,4-ethylenedioxythiophene) Films. Journal of Physical Chemistry C, 2011, 115, 5919-5929.	3.1	20
79	Tuned galvanostatic polarization of solid-state lead-selective electrodes for lowering of the detection limit. Analytica Chimica Acta, 2011, 707, 1-6.	5.4	33
80	Electrochemically controlled ion transport across polypyrrole/multi-walled carbon nanotube composite membranes. Synthetic Metals, 2011, 161, 1906-1914.	3.9	24
81	Impedance study of the ion-to-electron transduction process for carbon cloth as solid-contact material in potentiometric ion sensors. Electrochimica Acta, 2011, 56, 10683-10687.	5.2	25
82	Comparison of Multiâ€walled Carbon Nanotubes and Poly(3â€octylthiophene) as Ionâ€toâ€Electron Transducers in Allâ€Solidâ€State Potassium Ionâ€Selective Electrodes. Electroanalysis, 2011, 23, 1352-1358.	2.9	63
83	Ionic Liquidâ€Based, Liquidâ€Junctionâ€Free Reference Electrode. Electroanalysis, 2011, 23, 1881-1890.	2.9	51
84	Simultaneous monitoring of the transport of anions and cations across polypyrrole based composite membranes. Electrochimica Acta, 2011, 56, 3507-3515.	5.2	17
85	Development of miniature all-solid-state potentiometric sensing system. Sensors and Actuators B: Chemical, 2010, 146, 199-205.	7.8	80
86	Electrochemical Behaviour of Poly(benzopyrene) Films Doped with Eriochrome Black T as a Pb²⁺â€Sensitive Sensors. Electroanalysis, 2010, 22, 2794-2800.	2.9	25
87	Transport of metal ions across an electrically switchable cation exchange membrane based on polypyrrole doped with a sulfonated calix[6]arene. Journal of Membrane Science, 2010, 354, 162-170.	8.2	40
88	The effect of counter ions and substrate material on the growth and morphology of poly(3,4-ethylenedioxythiophene) films: Towards the application of enzyme electrode construction in biofuel cells. Synthetic Metals, 2010, 160, 1373-1381.	3.9	34
89	A study on lowering the detection limit with solid-state lead-selective electrodes. Talanta, 2010, 83, 436-440.	5.5	25
90	Diagnostic of functionality of polymer membrane â€“ based ion selective electrodes by impedance spectroscopy. Analytical Methods, 2010, 2, 1490.	2.7	43

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91	Ionâ€Selective Organic Electrochemical Junction Transistors Based on Poly(3,4â€ethylenedioxythiophene) Doped with Poly(styrene sulfonate). Electroanalysis, 2009, 21, 472-479.	2.9	33
92	Solidâ€Contact Reference Electrodes Based on Lipophilic Salts. Electroanalysis, 2009, 21, 1955-1960.	2.9	60
93	Determination of Calcium with Ion-Selective Electrode in Black Liquor from a Kraft Pulping Process. Electroanalysis, 2009, 21, 2014-2021.	2.9	6
94	Electropolymerization of Nâ€hydroxyethylcarbazole on carbon fiber microelectrodes. Journal of Applied Polymer Science, 2009, 113, 136-142.	2.6	6
95	New polyacrylate-based lead(II) ion-selective electrodes. Mikrochimica Acta, 2009, 164, 293-297.	5.0	21
96	Poly(3,4-ethylenedioxythiophene) (PEDOT) doped with carbon nanotubes as ion-to-electron transducer in polymer membrane-based potassium ion-selective electrodes. Journal of Electroanalytical Chemistry, 2009, 633, 246-252.	3.8	112
97	Electropolymerization of N-methylanthranilic acid and spectroelectrochemical characterization of the formed film. Synthetic Metals, 2009, 159, 96-102.	3.9	6
98	Ion exchange behaviour and charge compensation mechanism of polypyrrole in electrolytes containing mono-, di- and trivalent metal ions. Synthetic Metals, 2009, 159, 2590-2598.	3.9	32
99	Transduction Mechanism of Carbon Nanotubes in Solid-Contact Ion-Selective Electrodes. Analytical Chemistry, 2009, 81, 676-681.	6.5	211
100	Soluble semiconducting poly(3-octylthiophene) as a solid-contact material in all-solid-state chloride sensors. Sensors and Actuators B: Chemical, 2008, 134, 878-886.	7.8	30
101	Electrochemical characterization of poly(3,4-ethylenedioxythiophene) (PEDOT) doped with sulfonated thiophenes. Electrochimica Acta, 2008, 53, 3755-3762.	5.2	24
102	Potentiometric Ion Sensors. Chemical Reviews, 2008, 108, 329-351.	47.7	813
103	Chapter 4 Ion sensors with conducting polymers as ion-to-electron transducers. Comprehensive Analytical Chemistry, 2007, 49, 73-86.	1.3	8
104	Procedure 4 Determination of Ca(II) in wood pulp using a calcium-selective electrode with poly(3,4-ethylenedioxythiophene) as ion-to-electron transducer. Comprehensive Analytical Chemistry, 2007, 49, e25-e28.	1.3	2
105	All-solid-state chloride sensors based on electronically conducting, semiconducting and insulating polymer membranes. Sensors and Actuators B: Chemical, 2007, 127, 545-553.	7.8	43
106	Response mechanism of potentiometric Ag+ sensor based on poly(3,4-ethylenedioxythiophene) doped with silver hexabromocarborane. Journal of Electroanalytical Chemistry, 2006, 593, 219-226.	3.8	54
107	Conducting Polymer-Based Solid-State Ion-Selective Electrodes. Electroanalysis, 2006, 18, 7-18.	2.9	365
108	Microcavity Based Solid-Contact Ion-Selective Microelectrodes. Electroanalysis, 2006, 18, 1372-1378.	2.9	57

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109	Potentiometric Ag+ Sensors Based on Conducting Polymers: A Comparison between Poly(3,4-ethylenedioxythiophene) and Polypyrrole Doped with Sulfonated Calixarenes. Electroanalysis, 2005, 17, 1609-1615.	2.9	59
110	Synthesis, Characterization, and Complexation of Tetraarylborates with Aromatic Cations and Their Use in Chemical Sensors. Chemistry - A European Journal, 2005, 11, 2071-2080.	3.3	28
111	Potentiometric sensors based on poly(3,4-ethylenedioxythiophene) (PEDOT) doped with sulfonated calix[4]arene and calix[4]resorcarenes. Journal of Solid State Electrochemistry, 2005, 9, 312-319.	2.5	49
112	Potentiometric sensors for Ag+ based on poly(3-octylthiophene) (POT). Journal of Solid State Electrochemistry, 2005, 9, 865-873.	2.5	36
113	Electrochemical synthesis and characterization of poly(3,4-ethylenedioxythiophene) in ionic liquids with bulky organic anions. Journal of Solid State Electrochemistry, 2004, 8, 809.	2.5	50
114	All-Solid-State Chloride Sensors with Poly(3-Octylthiopene) Matrix and Trihexadecylmethylammonium Chlorides as an Ion Exchanger Salt. Electroanalysis, 2004, 16, 379-385.	2.9	24
115	EIS study of the redox reaction of Fe(CN)63â^'/4â^' at poly(3,4-ethylenedioxythiophene) electrodes: influence of dc potential and cOx:cRed ratio. Journal of Electroanalytical Chemistry, 2004, 572, 309-316.	3.8	36
116	Solution-cast films of poly(3,4-ethylenedioxythiophene) as ion-to-electron transducers in all-solid-state ion-selective electrodes. Sensors and Actuators B: Chemical, 2004, 97, 182-189.	7.8	116
117	Influence of anionic additive on Hg2+ interference on Ag+-ISEs based on [2.2.2]p,p,p-cyclophane as neutral carrier. Talanta, 2004, 63, 135-138.	5.5	23
118	Small-volume radial flow cell for all-solid-state ion-selective electrodes. Talanta, 2004, 62, 57-63.	5.5	34
119	Potentiometric Ion Sensors Based on Conducting Polymers. Electroanalysis, 2003, 15, 366-374.	2.9	258
120	Potentiometric Ion Sensors Based on Conducting Polymers. ChemInform, 2003, 34, no.	0.0	0
121	Carbonate ion-selective electrode with reduced interference from salicylate. Biosensors and Bioelectronics, 2003, 18, 245-253.	10.1	23
122	Selectivity of Lithium Electrodes:Â Correlation with Ionâ^'Ionophore Complex Stability Constants and with Interfacial Exchange Current Densities. Analytical Chemistry, 2002, 74, 518-527.	6.5	50
123	Solid-contact ion-selective electrodes for aromatic cations based on Ï€-coordinating soft carriers. Talanta, 2002, 58, 341-349.	5.5	34
124	Silver Ion-Selective Electrodes Based on Ï€-Coordinating Ionophores Without Heteroatoms. Electroanalysis, 2002, 14, 1353-1357.	2.9	24
125	Influence of oxygen and carbon dioxide on the electrochemical stability of poly(3,4-ethylenedioxythiophene) used as ion-to-electron transducer in all-solid-state ion-selective electrodes. Sensors and Actuators B: Chemical, 2002, 82, 7-13.	7.8	138
126	All-Solid-State Ag+-ISE Based on [2.2.2]p,p,p-Cyclophane. Electroanalysis, 2001, 13, 723-726.	2.9	33

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127	Determination of Na+, K+, Ca2+, and Clâ" Ions in Wood Pulp Suspension Using Ion-Selective Electrodes. Electroanalysis, 2001, 13, 1119-1124.	2.9	18
128	Equilibrium potential of potentiometric ion sensors under steady-state current by using current-reversal chronopotentiometry. Journal of Electroanalytical Chemistry, 2001, 509, 27-30.	3.8	55
129	Coupled Redox and pH Potentiometric Responses of Electrodes Coated with Polypyrrole. Analytical Letters, 2000, 33, 1339-1360.	1.8	9
130	Electrochemical impedance spectroscopy of oxidized poly(3,4-ethylenedioxythiophene) film electrodes in aqueous solutions. Journal of Electroanalytical Chemistry, 2000, 489, 17-27.	3.8	375
131	Characterization of a single-piece all-solid-state lithium-selective electrode based on soluble conducting polyaniline. Analytica Chimica Acta, 1999, 385, 163-173.	5.4	56
132	Plasticizer-free all-solid-state potassium-selective electrode based on poly(3-octylthiophene) and valinomycin. Analytica Chimica Acta, 1999, 385, 195-202.	5.4	81
133	All-Solid-State Chloride-Selective Electrode Based on Poly(3-octylthiophene) and Tridodecylmethylammonium Chloride. Electroanalysis, 1999, 11, 821-824.	2.9	40
134	Potential Stability of All-Solid-State Ion-Selective Electrodes Using Conducting Polymers as Ion-to-Electron Transducers. Analytical Chemistry, 1999, 71, 4932-4937.	6.5	581
135	Study on soluble polypyrrole as a component in all-solid-state ion-sensors. Electrochimica Acta, 1998, 43, 3503-3509.	5.2	35
136	Metallic and non-metallic redox response of conducting polymers. Journal of Electroanalytical Chemistry, 1997, 430, 243-252.	3.8	31
137	Electron transfer at conducting polymer film electrodes: mechanism and kinetics of ferrocene oxidation at poly(3-octylthiophene). Journal of Electroanalytical Chemistry, 1997, 427, 63-69.	3.8	37
138	Electrosynthesis of polypyrrole in iodide solution. Film growth, redox behaviour and potentiometric response. Analytica Chimica Acta, 1997, 355, 217-225.	5.4	12
139	Impedance spectroscopic study on single-piece all-solid-state calcium-selective electrode based on polyaniline. Analyst, The, 1996, 121, 1823.	3.5	35
140	Single-piece all-solid-state ion-selective electrode. Analytical Chemistry, 1995, 67, 3819-3823.	6.5	173
141	Mechanism of ionic and redox sensitivity of p-type conducting polymers. Journal of Electroanalytical Chemistry, 1994, 368, 23-31.	3.8	105
142	Mechanism of ionic and redox sensitivity of p-type conducting polymers. Journal of Electroanalytical Chemistry, 1994, 368, 33-41.	3.8	112
143	All solid-state poly(vinyl chloride) membrane ion-selective electrodes with poly(3-octylthiophene) solid internal contact. Analyst, The, 1994, 119, 1985.	3.5	165
144	Electrochemical impedance spectroscopy of cobalt(II)-hexacyanoferrate film modified electrodes. Electrochimica Acta, 1993, 38, 379-385.	5.2	41

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145	Electrochemical study on the polypyrrole-polyaniline bilayers. Synthetic Metals, 1993, 55, 1477-1482.	3.9	18
146	Potentiometric response of poly(3-octylthiophene), poly(3-methylthiophene) and polythiophene in aqueous solutions. Talanta, 1993, 40, 1437-1444.	5.5	41
147	Electrochemical study of poly(3-octylthiophene) film electrodes. Impedance of the polymer film semiconductor-electrolyte interface. Electrochimica Acta, 1992, 37, 1759-1765.	5.2	33
148	Electrochemical study of poly(3-octylthiophene) film electrodes I. Electrolyte effects on the voltammetric characteristics of the polymer. Three states of the polymer film. Synthetic Metals, 1991, 44, 9-19.	3.9	43
149	Electrochemical study of poly(3-octylthiophene) film electrodes II. Reversible redox/conductivity state switching. Impedance study. Synthetic Metals, 1991, 44, 21-34.	3.9	27