

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carrier-Based Ion-Selective Electrodes and Bulk Optodes. 1. General Characteristics. <i>Chemical Reviews</i> , 1997, 97, 3083-3132.	23.0	2,191
2	Carrier-Based Ion-Selective Electrodes and Bulk Optodes. 2. Ionophores for Potentiometric and Optical Sensors. <i>Chemical Reviews</i> , 1998, 98, 1593-1688.	23.0	1,812
3	Selectivity of Potentiometric Ion Sensors. <i>Analytical Chemistry</i> , 2000, 72, 1127-1133.	3.2	777
4	Large Improvement of the Lower Detection Limit of Ion-Selective Polymer Membrane Electrodes. <i>Journal of the American Chemical Society</i> , 1997, 119, 11347-11348.	6.6	416
5	Potential Drifts of Solid-Contacted Ion-Selective Electrodes Due to Zero-Current Ion Fluxes Through the Sensor Membrane. <i>Electroanalysis</i> , 2000, 12, 1286-1292.	1.5	369
6	Polymer Membrane Ion-Selective Electrodes-What are the Limits?. <i>Electroanalysis</i> , 1999, 11, 915-933.	1.5	298
7	Modern Potentiometry. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5660-5668.	7.2	282
8	Potentiometric sensors for trace-level analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 199-207.	5.8	272
9	Lowering the Detection Limit of Solvent Polymeric Ion-Selective Membrane Electrodes. 2. Influence of Composition of Sample and Internal Electrolyte Solution. <i>Analytical Chemistry</i> , 1999, 71, 1210-1214.	3.2	247
10	Rational Design of Potentiometric Trace Level Ion Sensors. A Ag ⁺ -Selective Electrode with a 100 ppt Detection Limit. <i>Analytical Chemistry</i> , 2002, 74, 4027-4036.	3.2	217
11	Lowering the Detection Limit of Solvent Polymeric Ion-Selective Electrodes. 1. Modeling the Influence of Steady-State Ion Fluxes. <i>Analytical Chemistry</i> , 1999, 71, 1204-1209.	3.2	213
12	Solid-contact polymeric membrane electrodes with detection limits in the subnanomolar range. <i>Analytica Chimica Acta</i> , 2004, 523, 53-59.	2.6	198
13	Potentiometric Polymeric Membrane Electrodes for Measurement of Environmental Samples at Trace Levels: A New Requirements for Selectivities and Measuring Protocols, and Comparison with ICPMS. <i>Analytical Chemistry</i> , 2001, 73, 343-351.	3.2	179
14	The phase-boundary potential model. <i>Talanta</i> , 2004, 63, 3-20.	2.9	173
15	Catalysis of Ion Transfer by Tetraphenylborates in Neutral Carrier-Based Ion-Selective Electrodes. <i>Helvetica Chimica Acta</i> , 1990, 73, 203-212.	1.0	164
16	Selectivity of Polymer Membrane-Based Ion-Selective Electrodes: Self-Consistent Model Describing the Potentiometric Response in Mixed Ion Solutions of Different Charge. <i>Analytical Chemistry</i> , 1994, 66, 3021-3030.	3.2	156
17	The new wave of ion-selective electrodes. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 46-51.	5.8	154
18	Potentiometric Biosensing of Proteins with Ultrasensitive Ion-Selective Microelectrodes and Nanoparticle Labels. <i>Journal of the American Chemical Society</i> , 2006, 128, 13676-13677.	6.6	151

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19	Preparation of Neutral Ionophores for Alkali and Alkaline Earth Metal Cations and their application in ion selective membrane electrodes. <i>Helvetica Chimica Acta</i> , 1975, 58, 1535-1548.	1.0	140
20	Aptamer-Based Potentiometric Measurements of Proteins Using Ion-Selective Microelectrodes. <i>Analytical Chemistry</i> , 2008, 80, 707-712.	3.2	140
21	Cationic or Anionic Sites? Selectivity Optimization of Ion-Selective Electrodes Based on Charged Ionophores. <i>Analytical Chemistry</i> , 2000, 72, 1618-1631.	3.2	138
22	Elimination of Undesirable Water Layers in Solid-Contact Polymeric Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2008, 80, 6731-6740.	3.2	134
23	Influence of key parameters on the lower detection limit and response function of solvent polymeric membrane ion-selective electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2001, 501, 70-76.	1.9	127
24	Optimum composition of neutral carrier based pH electrodes. <i>Analytica Chimica Acta</i> , 1994, 295, 253-262.	2.6	120
25	Peer Reviewed: The New Wave of Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2002, 74, 420 A-426 A.	3.2	119
26	A polypyrrole-based solid-contact Pb ²⁺ -selective PVC-membrane electrode with a nanomolar detection limit. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 7-14.	1.9	117
27	Improved Detection Limits and Unbiased Selectivity Coefficients Obtained by Using Ion-Exchange Resins in the Inner Reference Solution of Ion-Selective Polymeric Membrane Electrodes. <i>Analytical Chemistry</i> , 2000, 72, 3236-3240.	3.2	115
28	Ion sensors: current limits and new trends. <i>Analytica Chimica Acta</i> , 1999, 393, 11-18.	2.6	114
29	Improving the Detection Limit of Anion-Selective Electrodes: An Iodide-Selective Membrane with a Nanomolar Detection Limit. <i>Analytical Chemistry</i> , 2003, 75, 3865-3871.	3.2	113
30	Carrier mechanism of acidic ionophores in solvent polymeric membrane ion-selective electrodes. <i>Analytical Chemistry</i> , 1995, 67, 3123-3132.	3.2	109
31	Polymeric Membrane Electrodes for Monohydrogen Phosphate and Sulfate. <i>Analytical Chemistry</i> , 2000, 72, 156-160.	3.2	109
32	Redox-Active Self-Assembled Monolayers for Solid-Contact Polymeric Membrane Ion-Selective Electrodes. <i>Chemistry of Materials</i> , 2002, 14, 1721-1729.	3.2	106
33	Role of Fulvic Acid on Lead Bioaccumulation by <i>Chlorella kesslerii</i> . <i>Environmental Science & Technology</i> , 2003, 37, 1114-1121.	4.6	106
34	Evidence of a water layer in solid-contact polymeric ion sensors. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 73-76.	1.3	106
35	Redox-active self-assembled monolayers as novel solid contacts for ion-selective electrodes. <i>Chemical Communications</i> , 2000, , 339-340.	2.2	105
36	Potentiometry at trace levels. <i>TrAC - Trends in Analytical Chemistry</i> , 2001, 20, 11-19.	5.8	103

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37	Potentiometric Detection of DNA Hybridization. <i>Journal of the American Chemical Society</i> , 2008, 130, 410-411.	6.6	101
38	Approaches to Improving the Lower Detection Limit of Polymeric Membrane Ion-Selective Electrodes. <i>Electroanalysis</i> , 2006, 18, 1254-1265.	1.5	99
39	Regioselective Synthesis of trans-1 Fullerene Bis-Adducts Directed by a Crown Ether Tether: Alkali Metal Cation Modulated Redox Properties of Fullerene-Crown Ether Conjugates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2118-2121.	7.2	95
40	Determination of formal complex formation constants of various Pb ²⁺ ionophores in the sensor membrane phase. <i>Analytica Chimica Acta</i> , 1999, 395, 41-52.	2.6	93
41	Potentiometry at Trace Levels in Confined Samples: Ion-Selective Electrodes with Subfemtomole Detection Limits. <i>Journal of the American Chemical Society</i> , 2006, 128, 8154-8155.	6.6	93
42	Hybridization-Modulated Ion Fluxes through Peptide-Nucleic-Acid- Functionalized Gold Nanotubes. A New Approach to Quantitative Label-Free DNA Analysis. <i>Nano Letters</i> , 2007, 7, 1609-1612.	4.5	92
43	Neutraler Ionophor für Flüssigmembranelektroden mit hoher Selektivität für Natrium- gegenüber Kalium-Ionen. <i>Helvetica Chimica Acta</i> , 1976, 59, 2417-2420.	1.0	91
44	Potentiometric Cd ²⁺ -selective electrode with a detection limit in the low ppt range. <i>Analytica Chimica Acta</i> , 2001, 440, 71-79.	2.6	91
45	Novel potentiometric and optical silver ion-selective sensors with subnanomolar detection limits. <i>Analytica Chimica Acta</i> , 2006, 572, 1-10.	2.6	90
46	A computer program for the prediction of ¹³ C-NMR chemical shifts of organic compounds. <i>Analytica Chimica Acta</i> , 1990, 229, 17-25.	2.6	88
47	Lipophilicity of tetraphenylborate derivatives as anionic sites in neutral carrier-based solvent polymeric membranes and lifetime of corresponding ion-selective electrochemical and optical sensors. <i>Analytica Chimica Acta</i> , 1995, 309, 7-17.	2.6	88
48	Potentiometric Immunoassay with Quantum Dot Labels. <i>Analytical Chemistry</i> , 2007, 79, 5107-5110.	3.2	84
49	Effects of Ion Transport on the Potential Response of Ionophore-Based Membrane Electrodes: A Theoretical Approach. <i>Journal of Physical Chemistry B</i> , 1999, 103, 11346-11356.	1.2	82
50	General Description of the Simultaneous Response of Potentiometric Ionophore-Based Sensors to Ions of Different Charge. <i>Analytical Chemistry</i> , 1999, 71, 1041-1048.	3.2	78
51	Nanoscale potentiometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 612-618.	5.8	77
52	Response mechanism of anion-selective electrodes based on mercury organic compounds as ionophores. <i>Analytica Chimica Acta</i> , 1996, 327, 17-28.	2.6	76
53	A novel polymeric membrane electrode for the potentiometric analysis of Cu ²⁺ in drinking water. <i>Analytica Chimica Acta</i> , 2005, 532, 129-136.	2.6	73
54	Application of genetic algorithms in molecular modeling. <i>Journal of Computational Chemistry</i> , 1994, 15, 588-595.	1.5	71

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55	Steady-State Model Calculations Predicting the Influence of Key Parameters on the Lower Detection Limit and Ruggedness of Solvent Polymeric Membrane Ion-Selective Electrodes. <i>Electroanalysis</i> , 1999, 11, 673-680.	1.5	71
56	Detection limit of ion-selective bulk optodes and corresponding electrodes. <i>Analytica Chimica Acta</i> , 1993, 282, 265-271.	2.6	68
57	Improving the lower detection limit of potentiometric sensors by covalently binding the ionophore to a polymer backbone. <i>Analytica Chimica Acta</i> , 2004, 503, 187-194.	2.6	68
58	C13Shift: a computer program for the prediction of carbon-13 NMR spectra based on an open set of additivity rules. <i>Journal of Chemical Information and Computer Sciences</i> , 1992, 32, 291-295.	2.8	65
59	Response and Diffusion Behavior of Mobile and Covalently Immobilized H ⁺ -Ionophores in Polymeric Membrane Ion-Selective Electrodes. <i>Electroanalysis</i> , 2002, 14, 1329-1338.	1.5	65
60	Potentiometric detection of anions separated by capillary electrophoresis using an ion-selective microelectrode. <i>Journal of Chromatography A</i> , 1994, 676, 437-442.	1.8	64
61	Applicability of the phase boundary potential model to the mechanistic understanding of solvent polymeric membrane-based ion-selective electrodes. <i>Electroanalysis</i> , 1995, 7, 817-822.	1.5	64
62	Cyclophane-Type Fullerene-dibenzo[18]crown-6 Conjugates with trans-1, trans-2, and trans-3 Addition Patterns: Regioselective Templated Synthesis, X-Ray Crystal Structure, Ionophoric Properties, and Cation-Complexation-Dependent Redox Behavior. <i>Helvetica Chimica Acta</i> , 1999, 82, 1572-1595.	1.0	64
63	Spectropotentiometry: A New Method for in Situ Imaging of Concentration Profiles in Ion-Selective Membranes with Simultaneous Recording of Potential-Time Transients. <i>Analytical Chemistry</i> , 1996, 68, 4342-4350.	3.2	61
64	Ion-Selective Electrodes Based on Two Competitive Ionophores for Determining Effective Stability Constants of Ion-Carrier Complexes in Solvent Polymeric Membranes. <i>Analytical Chemistry</i> , 1998, 70, 295-302.	3.2	61
65	Ionophore vom Typ der 3-Oxapentandiamide. <i>Helvetica Chimica Acta</i> , 1980, 63, 191-196.	1.0	58
66	Darstellung von neutralen, lipophilen Liganden für Membranelektroden mit Selektivität für Erdalkali-Ionen. <i>Helvetica Chimica Acta</i> , 1973, 56, 1780-1787.	1.0	57
67	Spectroscopic in Situ Imaging of Acid Coextraction Processes in Solvent Polymeric Ion-Selective Electrode and Optode Membranes. <i>Analytical Chemistry</i> , 1998, 70, 1176-1181.	3.2	56
68	Effects of controlled current on the response behavior of polymeric membrane ion-selective electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2002, 526, 19-28.	1.9	56
69	Selective Optical Sensing of Silver Ions in Drinking Water. <i>Analytical Chemistry</i> , 1996, 68, 3210-3214.	3.2	53
70	An Amphotericin B-Fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5181-5185.	7.2	53
71	Elektrochemische Untersuchungen über das enantiomerelektive Verhalten von chiralen Ionophoren in flüssigen Membranen. <i>Helvetica Chimica Acta</i> , 1979, 62, 2303-2316.	1.0	52
72	A Novel Formalism To Characterize the Degree of Unsaturation of Organic Molecules. <i>Journal of Chemical Information and Computer Sciences</i> , 2001, 41, 889-893.	2.8	51

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73	Biorecognition-modulated ion fluxes through functionalized gold nanotubules as a novel label-free biosensing approach. <i>Chemical Communications</i> , 2003, , 2560-2561.	2.2	50
74	Response Behavior of Poly(vinyl chloride)- and Polyurethane-Based Ca ²⁺ -Selective Membrane Electrodes with Polypyrrole- and Poly(3-octylthiophene)-Mediated Internal Solid Contact. <i>Electroanalysis</i> , 2006, 18, 19-25.	1.5	47
75	Nitrite-selective microelectrodes. <i>Talanta</i> , 1994, 41, 1001-1005.	2.9	46
76	New method for determining the concentration of ionic impurities in solvent polymeric membranes. <i>Mikrochimica Acta</i> , 1995, 121, 269-279.	2.5	46
77	Evidence for a Surface Confined Ion-to-Electron Transduction Reaction in Solid-Contact Ion-Selective Electrodes Based on Poly(3-octylthiophene). <i>Analytical Chemistry</i> , 2013, 85, 10495-10502.	3.2	46
78	Spectra Estimation for Computer-Aided Structure Determination. <i>Journal of Chemical Information and Computer Sciences</i> , 1996, 36, 239-243.	2.8	44
79	Monolithic Capillary-Based Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2005, 77, 3966-3970.	3.2	44
80	Influence of Lipophilic Inert Electrolytes on the Selectivity of Polymer Membrane Electrodes. <i>Analytical Chemistry</i> , 1998, 70, 1686-1691.	3.2	42
81	Improved Detection Limits and Sensitivities of Potentiometric Titrations. <i>Analytical Chemistry</i> , 2001, 73, 3768-3775.	3.2	40
82	Influence of Incorporated Lipophilic Particles on Ion Fluxes Through Polymeric Ion-Selective Membranes. <i>Electroanalysis</i> , 2003, 15, 375-382.	1.5	40
83	Monitoring Pb ²⁺ with optical sensing films. <i>Analytica Chimica Acta</i> , 1999, 388, 327-338.	2.6	39
84	Comprehensive parameter set for the prediction of the ¹³ C-NMR chemical shifts of sp ³ -hybridized carbon atoms in organic compounds. <i>Analytica Chimica Acta</i> , 1990, 233, 213-222.	2.6	38
85	Making use of ion fluxes through potentiometric sensor membranes: ISEs with step responses at critical ion activities. <i>Sensors and Actuators B: Chemical</i> , 2001, 76, 477-482.	4.0	38
86	¹³ C-Kernresonanzspektroskopische und elektromotorische Untersuchungen der Wechselwirkung von neutralen Carriern mit Ionen in Membranen. <i>Helvetica Chimica Acta</i> , 1976, 59, 2407-2416.	1.0	34
87	Rotating Ion-Selective Membrane Electrodes for Trace-Level Measurements. <i>Electroanalysis</i> , 2003, 15, 1270-1275.	1.5	34
88	Makrocyclische und acyclische neutrale Ionophore. Einfluss des Ringschlusses auf die Kationenselektivität. <i>Helvetica Chimica Acta</i> , 1978, 61, 1520-1530.	1.0	33
89	Direct Potentiometric Information on Total Ionic Concentrations. <i>Analytical Chemistry</i> , 2000, 72, 2050-2054.	3.2	33
90	Parameter set for the prediction of the ¹³ C-NMR chemical shifts of sp ² - and sp-hybridized carbon atoms in organic compounds. <i>Analytica Chimica Acta</i> , 1991, 248, 415-428.	2.6	32

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91	Limitations of Current Polarization for Lowering the Detection Limit of Potentiometric Polymeric Membrane Sensors. <i>Analytical Chemistry</i> , 2009, 81, 3592-3599.	3.2	32
92	Water uptake in the hydrophilic poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) solid-contact of all-solid-state polymeric ion-selective electrodes. <i>Analyst, The</i> , 2011, 136, 3252.	1.7	32
93	Potentiometric enzyme immunoassay using miniaturized anion-selective electrodes for detection. <i>Analyst, The</i> , 2009, 134, 1601.	1.7	31
94	A computer program for the automatic estimation of ¹ H NMR chemical shifts. <i>Analytica Chimica Acta</i> , 1994, 290, 295-302.	2.6	30
95	Zur Anionenselektivität von Distannylderivaten in Membranen. <i>Helvetica Chimica Acta</i> , 1985, 68, 1822-1827.	1.0	29
96	New parameters for predicting ¹ H NMR chemical shifts of protons attached to carbon atoms. <i>Analytica Chimica Acta</i> , 1995, 312, 95-105.	2.6	29
97	Ionophore extrem hoher Lipophilie als selektive Komponenten für Flüssigmembranelektroden. <i>Helvetica Chimica Acta</i> , 1979, 62, 2073-2078.	1.0	28
98	Lipophilic Diamides as Ionophores for Alkali and Alkaline Earth Metal Cations. <i>Helvetica Chimica Acta</i> , 1982, 65, 538-545.	1.0	28
99	Selective optical response to oxygen of membranes based on immobilized cobalt(II) porphyrins. <i>Analytica Chimica Acta</i> , 1997, 338, 119-125.	2.6	28
100	Assemble 2.0: a structure generator. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2000, 51, 73-79.	1.8	28
101	Backside Calibration Potentiometry: Ion Activity Measurements with Selective Supported Liquid Membranes by Calibrating from the Inner Side of the Membrane. <i>Analytical Chemistry</i> , 2007, 79, 632-638.	3.2	28
102	Synchrotron Radiation/Fourier Transform-Infrared Microspectroscopy Study of Undesirable Water Inclusions in Solid-Contact Polymeric Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2010, 82, 6203-6207.	3.2	27
103	¹³ C-Kernresonanzspektroskopische Untersuchung der Komplexbildung von synthetischen «Carrier»-Molekülen mit Ca ²⁺ -Ionen. <i>Helvetica Chimica Acta</i> , 1975, 58, 1573-1583.	1.0	25
104	Calculated Effects of Membrane Transport on the Long-Term Response Behavior of Polymeric Membrane Ion-Selective Electrodes. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8201-8209.	1.2	25
105	Einfluss der Lipophilie von 3, 6-Dioxakorkäurediamiden auf ihr Verhalten als Ionophore. <i>Helvetica Chimica Acta</i> , 1978, 61, 1531-1538.	1.0	24
106	Memory effects of ion-selective electrodes: Theory and computer simulation of the time-dependent potential response to multiple sample changes. <i>Journal of Electroanalytical Chemistry</i> , 2009, 633, 137-145.	1.9	24
107	Potentiometric sensor for the measurement of Cd ²⁺ transport in yeast and plants. <i>Analytical Biochemistry</i> , 2005, 347, 10-16.	1.1	23
108	Ion-Selective Supported Liquid Membranes Placed under Steady-State Diffusion Control. <i>Analytical Chemistry</i> , 2005, 77, 7801-7809.	3.2	23

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109	Pair potentials for the interaction energy of Li+, Na+, K+, and NH ₄ ⁺ with organic molecules. Journal of Chemical Physics, 1987, 87, 493-501.	1.2	22
110	Quality Criteria of Genetic Algorithms for Structure Optimization. Journal of Chemical Information and Computer Sciences, 1998, 38, 151-157.	2.8	22
111	Anion Selectivity of Tetravalent Tin Compounds in Membranes Studied by ¹¹⁹ Sn-, ¹³ C- and ¹ H-NMR. Helvetica Chimica Acta, 1990, 73, 1894-1904.	1.0	19
112	Immobilization of Biomolecules on Polyurethane Membrane Surfaces. Bioconjugate Chemistry, 2002, 13, 90-96.	1.8	18
113	Combined application of pair potentials and the MM2 force field for the modeling of ionophores. Journal of Computational Chemistry, 1990, 11, 819-828.	1.5	17
114	Potentiometric Determination of Effective Complex Formation Constants of Lipophilic Ion Carriers within Ion-Selective Electrode Membranes. Journal of the Electrochemical Society, 1997, 144, L125-L127.	1.3	17
115	Calculation of interaction energies in host-guest systems. Topics in Current Chemistry, 1986, , 17-80.	4.0	17
116	Current response of ion-selective solvent polymeric membranes at controlled potential. Journal of Electroanalytical Chemistry, 2004, 571, 27-35.	1.9	13
117	Sensitivity and Working Range of Backside Calibration Potentiometry. Analytical Chemistry, 2007, 79, 8705-8711.	3.2	13
118	Backside Calibration Chronopotentiometry: Using Current to Perform Ion Measurements by Zeroing the Transmembrane Ion Flux. Analytical Chemistry, 2008, 80, 7516-7523.	3.2	13
119	SpecTool: a hypermedia toolkit for structure elucidation. Journal of Chemical Information and Computer Sciences, 1992, 32, 286-290.	2.8	12
120	Synthesis and characterization of high-integrity solid-contact polymeric ion sensors. Journal of Solid State Electrochemistry, 2009, 13, 137-148.	1.2	12
121	Untersuchung der Komplexierung von Na+, K+, Ca ²⁺ und Ba ²⁺ mit einigen elektrisch neutralen Liganden durch Messung von ¹³ C-chemischen Verschiebungen und Spin-Gitter-Relaxationszeiten. Helvetica Chimica Acta, 1977, 60, 1141-1148.	1.0	11
122	NMR-Spektroskopische Untersuchungen der kinetischen Limitierung der Kationenselektivität eines cadmiumselektiven Ionophors. Helvetica Chimica Acta, 1983, 66, 2103-2112.	1.0	11
123	A Calixarene-Based Ion-Selective Electrode for Thallium(I) Detection. Analytica Chimica Acta, 2014, 851, 78-86.	2.6	11
124	Automatic Spectra Interpretation, Structure Generation, and Ranking. Journal of Chemical Information and Computer Sciences, 2002, 42, 614-619.	2.8	10
125	General Characteristics of Good-List and Bad-List Entries for Structure Generators from Spectra. Journal of Chemical Information and Computer Sciences, 1997, 37, 879-883.	2.8	8
126	Automated Compatibility Tests of the Molecular Formulas or Structures of Organic Compounds with Their Mass Spectra. Journal of Chemical Information and Computer Sciences, 1999, 39, 713-717.	2.8	7

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127	Influence of cationic and anionic additives on the electrical properties of ionophore-based ion-selective membranes. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 265-274.	1.9	7
128	Design criteria and implementation of hypermedia tools for structure elucidation of organic compounds with spectroscopic methods. <i>Analytica Chimica Acta</i> , 1994, 295, 93-100.	2.6	5
129	Advances in Potentiometry. <i>Electroanalytical Chemistry, A Series of Advances</i> , 2011, , 1-74.	1.7	5
130	Automatic compatibility tests of HSQC NMR spectra with proposed structures of chemical compounds. <i>Talanta</i> , 2009, 79, 1379-1386.	2.9	4
131	Potential Drifts of Solid-Contacted Ion-Selective Electrodes Due to Zero-Current Ion Fluxes Through the Sensor Membrane. , 2000, 12, 1286.		4
132	Reducing the interference from CO ₂ or organic acids in ion-selective polymer membrane sensors having a field-effect transistor as internal reference element. <i>Analytica Chimica Acta</i> , 2002, 464, 79-88.	2.6	1
133	Improving the response behavior of Cd-selective polymeric membrane electrodes by incorporated lipophilic particles. <i>Chemia Analityczna</i> , 2006, 51, 869-878.	0.0	0