

David B Hibbert

List of Publications by Year in descending order

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159
papers

6,426
citations

94381

37
h-index

76872

74
g-index

853
all docs

853
docs citations

853
times ranked

7422
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogenase-Inspired Atomically Dispersed Fe-S-C Linkages for Improved Electrochemical Reduction of Dinitrogen to Ammonia. ACS Catalysis, 2022, 12, 1443-1451.	5.5	58
2	Fit-for-purpose risks in conformity assessment of a substance or material – A case study of synthetic air. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110542.	2.5	2
3	Setting Multivariate and Correlated Acceptance Limits for Assessing the Conformity of Items. Analytical Letters, 2022, 55, 2011-2032.	1.0	9
4	Methods to evaluate the scavenging activity of antioxidants toward reactive oxygen and nitrogen species (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 87-144.	0.9	56
5	Interlaboratory comparison of the intensity of drinking water odor and taste by two-way ordinal analysis of variation without replication. Journal of Water and Health, 2022, 20, 1005-1016.	1.1	3
6	Specific risks of false decisions in conformity assessment of a substance or material with a mass balance constraint – A case study of potassium iodate. Measurement: Journal of the International Measurement Confederation, 2021, 173, 108662.	2.5	7
7	Interpretation and use of standard atomic weights (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 629-646.	0.9	11
8	Glossary of methods and terms used in analytical spectroscopy (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2021, 93, 647-776.	0.9	13
9	Risks in a sausage conformity assessment due to measurement uncertainty, correlation and mass balance constraint. Food Control, 2021, 125, 107949.	2.8	12
10	Metrological and quality concepts in analytical chemistry (IUPAC Recommendations 2021). Pure and Applied Chemistry, 2021, 93, 997-1048.	0.9	21
11	IUPAC/CITAC Guide: Evaluation of risks of false decisions in conformity assessment of a multicomponent material or object due to measurement uncertainty (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 113-154.	0.9	9
12	Vocabulary of radioanalytical methods (IUPAC Recommendations 2020). Pure and Applied Chemistry, 2021, 93, 69-111.	0.9	2
13	Identification of a new class of thermolabile psychoactive compounds, 4-substituted 2-(4-X-2), Tj ETQq1 1 0.784314 rgBT /Overlock 1011 chromatography-mass spectrometry using chemical derivatization by heptafluorobutyric anhydride (HFBA). Forensic Chemistry, 2020, 20, 100266.	1.7	4
14	Siderophore-Assisted Dissolution of Iron(III) Hydroxide Oxides from Iron-Rich Fossil Matrices. ChemPlusChem, 2020, 85, 1747-1753.	1.3	0
15	Correlation of test results and influence of a mass balance constraint on risks in conformity assessment of a substance or material. Measurement: Journal of the International Measurement Confederation, 2020, 163, 107947.	2.5	7
16	Terminology of electrochemical methods of analysis (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2020, 92, 641-694.	0.9	55
17	Glossary of methods and terms used in surface chemical analysis (IUPAC Recommendations 2020). Pure and Applied Chemistry, 2020, 92, 1781-1860.	0.9	5
18	Uncertainties in the measurement of solubility – A tutorial. Journal of Chemical Thermodynamics, 2019, 133, 152-160.	1.0	11

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19	Spreadsheet for evaluation of global risks in conformity assessment of a multicomponent material or object. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 188, 1-5.	1.8	24
20	Chemometric Analysis of Sensory Data. , 2019, , 149-192.		2
21	How many shades of grey are in conformity assessment due to measurement uncertainty?. <i>Journal of Physics: Conference Series</i> , 2019, 1420, 012001.	0.3	5
22	Ionic Liquidâ€­based Microchannels for Highly Sensitive and Fast Amperometric Detection of Toxic Gases. <i>Electroanalysis</i> , 2019, 31, 66-74.	1.5	10
23	Redox Recycling Amplification Using an Interdigitated Microelectrode Array for Ionic Liquid-Based Oxygen Sensors. <i>Analytical Chemistry</i> , 2018, 90, 3950-3957.	3.2	17
24	Interpreting and propagating the uncertainty of the standard atomic weights (IUPAC Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.9	17
25	Dual Signaling DNA Electrochemistry: An Approach To Understand DNA Interfaces. <i>Langmuir</i> , 2018, 34, 1249-1255.	1.6	16
26	IUPAC, analytical chemistry and our cultural heritage. <i>Pure and Applied Chemistry</i> , 2018, 90, 425-427.	0.9	0
27	Terminology of separation methods (IUPAC Recommendations 2017). <i>Pure and Applied Chemistry</i> , 2018, 90, 181-231.	0.9	32
28	Risk of a false decision on conformity of an environmental compartment due to measurement uncertainty of concentrations of two or more pollutants. <i>Chemosphere</i> , 2018, 202, 165-176.	4.2	26
29	Oxygen solubility in austenitic Fe-Ni alloys at high temperatures. <i>Journal of Alloys and Compounds</i> , 2018, 732, 646-654.	2.8	15
30	Tutorial and spreadsheets for Bayesian evaluation of risks of false decisions on conformity of a multicomponent material or object due to measurement uncertainty. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 182, 109-116.	1.8	19
31	A rapid readout for many single plasmonic nanoparticles using dark-field microscopy and digital color analysis. <i>Biosensors and Bioelectronics</i> , 2018, 117, 530-536.	5.3	41
32	Total risk of a false decision on conformity of an alloy due to measurement uncertainty and correlation of test results. <i>Talanta</i> , 2018, 189, 666-674.	2.9	18
33	Mass and volume in analytical chemistry (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2018, 90, 563-603.	0.9	6
34	Nucleic acid hybridization on an electrically reconfigurable network of gold-coated magnetic nanoparticles enables microRNA detection in blood. <i>Nature Nanotechnology</i> , 2018, 13, 1066-1071.	15.6	244
35	Terminology of bioanalytical methods (IUPAC Recommendations 2018). <i>Pure and Applied Chemistry</i> , 2018, 90, 1121-1198.	0.9	19
36	A chemical view of analogue drug laws in Australia: what is structural similarity?. <i>Australian Journal of Forensic Sciences</i> , 2017, 49, 605-625.	0.7	4

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37	Electrochemically roughened nanoporous platinum electrodes for non-enzymatic glucose sensors. <i>Electrochimica Acta</i> , 2017, 231, 20-26.	2.6	89
38	Risk of false decision on conformity of a multicomponent material when test results of the components'™ content are correlated. <i>Talanta</i> , 2017, 174, 789-796.	2.9	31
39	Ionic Liquid Microstrips Impregnated with Magnetic Nanostirrers for Sensitive Gas Sensors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43377-43385.	4.0	16
40	Conformity assessment of multicomponent materials or objects: Risk of false decisions due to measurement uncertainty " A case study of denatured alcohols. <i>Talanta</i> , 2017, 164, 189-195.	2.9	33
41	Managing Standards and Critical Evaluation in a World of Big Data. <i>Chemistry International</i> , 2017, 39, 22-24.	0.3	0
42	Model forensic science. <i>Australian Journal of Forensic Sciences</i> , 2016, 48, 496-537.	0.7	32
43	The death of the Job plot, transparency, open science and online tools, uncertainty estimation methods and other developments in supramolecular chemistry data analysis. <i>Chemical Communications</i> , 2016, 52, 12792-12805.	2.2	634
44	Human being as a part of measuring system influencing measurement results. <i>Accreditation and Quality Assurance</i> , 2016, 21, 421-424.	0.4	7
45	Vocabulary of concepts and terms in chemometrics (IUPAC Recommendations 2016). <i>Pure and Applied Chemistry</i> , 2016, 88, 407-443.	0.9	45
46	Microcontact Printing of Thiol-Functionalized Ionic Liquid Microarrays for "Membrane-less" and "Spill-less" Gas Sensors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31368-31374.	4.0	11
47	Modelling an electrochemically roughened porous platinum electrode for water oxidation. <i>Chemical Communications</i> , 2016, 52, 4068-4071.	2.2	9
48	Identification of 4-substituted 2-(4-x-2,5-dimethoxyphenyl)-N-[(2-methoxyphenyl)methyl]ethanamine (25X-NBOMe) and analogues by gas chromatography" mass spectrometry analysis of heptafluorobutyric anhydride (HFBA) derivatives. <i>Australian Journal of Forensic Sciences</i> , 2016, 48, 59-73.	0.7	8
49	Gas chromatography with parallel hard and soft ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 91-99.	0.7	11
50	Investigating the Interfacial Properties of Electrochemically Roughened Platinum Electrodes for Neural Stimulation. <i>Langmuir</i> , 2015, 31, 2593-2599.	1.6	45
51	Nucleic-acid recognition interfaces: how the greater ability of RNA duplexes to bend towards the surface influences electrochemical sensor performance. <i>Chemical Communications</i> , 2015, 51, 16526-16529.	2.2	10
52	Experiences with a researcher-centric ELN. <i>Chemical Science</i> , 2015, 6, 1614-1629.	3.7	24
53	Factors influencing total carbon dioxide concentrations in plasma of thoroughbred and standardbred racehorses. <i>Drug Testing and Analysis</i> , 2014, 6, 936-943.	1.6	7
54	The Effect of Interfacial Design on the Electrochemical Detection of DNA and MicroRNA Using Methylene Blue at Low" Density DNA Films. <i>ChemElectroChem</i> , 2014, 1, 165-171.	1.7	26

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55	Characterisation of gold agglomerates: size distribution, shape and optical properties. RSC Advances, 2013, 3, 7367.	1.7	7
56	Students'™ Perceptions of Using Twitter To Interact with the Instructor during Lectures for a Large-Enrollment Chemistry Course. Journal of Chemical Education, 2013, 90, 671-672.	1.1	15
57	Enhancing the usefulness of cross dehydrogenative coupling reactions with a removable protecting group. Organic and Biomolecular Chemistry, 2013, 11, 4921.	1.5	22
58	Measurement of Stable Isotope Ratios in Methylamphetamine: A Link to Its Precursor Source. Analytical Chemistry, 2013, 85, 9400-9408.	3.2	26
59	A study of the conditions of measurement required to evaluate bias in analytical results illustrated by the use of data from a multi-round, blind-duplicated, proficiency test. Analyst, The, 2013, 138, 3673.	1.7	5
60	Experimental design in chromatography: A tutorial review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 910, 2-13.	1.2	338
61	Measurement of gold and sulfur mass fractions in l-cysteine-modified gold nanoparticles by ICP-DRC-MS after acid digestion: validation and uncertainty of results. Journal of Analytical Atomic Spectrometry, 2012, 27, 1465.	1.6	17
62	Identification of the geometrical isomers of \pm -linolenic acid using gas chromatography/mass spectrometry with a binary decision tree. Talanta, 2011, 83, 1233-1238.	2.9	2
63	Metrological traceability of measurement results in chemistry: Concepts and implementation (IUPAC) Tj ETQq1 1 0.784314 rgBT /Ove 0.9 131		
64	Total CO ₂ measurements in horses: where to draw the line. Accreditation and Quality Assurance, 2011, 16, 339-345.	0.4	7
65	Systematic comparison of $\delta^{13}\text{C}$ measurements of testosterone and derivative steroids in a freeze-dried urine candidate reference material for sports drug testing by gas chromatography/combustion/isotope ratio mass spectrometry and uncertainty evaluation using four different metrological approaches. Rapid Communications in Mass Spectrometry, 2011, 25, 1641-1651.	0.7	10
66	Degradation of fatty acid methyl esters in biodiesels exposed to sunlight and seawater. Fuel, 2011, 90, 2677-2683.	3.4	20
67	Gold-coated magnetic nanoparticles as "dispersible electrodes" Understanding their electrochemical performance. Journal of Electroanalytical Chemistry, 2011, 656, 130-135.	1.9	16
68	A probabilistic approach to heroin signatures. Analytical and Bioanalytical Chemistry, 2010, 396, 765-773.	1.9	5
69	Alternative instrumentation for the analysis of total carbon dioxide (TCO ₂) in equine plasma. Analytical and Bioanalytical Chemistry, 2010, 397, 717-722.	1.9	8
70	MODEL OF RAMIFICATION IN ELECTRODEPOSITED FRACTALS. Fractals, 2010, 18, 477-482.	1.8	1
71	Detection of Arsenobetaine: A Step Towards SERS-based Arsenic Speciation. , 2010, , .		2
72	Fabrication of nano-structured substrates for surface enhanced Raman spectroscopy. , 2010, , .		0

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73	Comparing the electrochemical performance of pyrolysed photoresist film electrodes to glassy carbon electrodes for sensing applications. , 2010, , .		2
74	Compatibility of electron ionization and soft ionization methods in gas chromatography/orthogonal time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 2181-2189.	0.7	27
75	ToF-SIMS characterisation of methane and hydrogen plasma-modified graphite using principal component analysis. Surface and Interface Analysis, 2009, 41, 216-224.	0.8	9
76	Discrimination among geometrical isomers of <i>trans</i> -linolenic acid methyl ester using low energy electron ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 1272-1280.	1.2	24
77	An introduction to Bayesian methods for analyzing chemistry data. Chemometrics and Intelligent Laboratory Systems, 2009, 97, 211-220.	1.8	42
78	IUPAC project: A glossary of concepts and terms in chemometrics. Analytica Chimica Acta, 2009, 642, 3-5.	2.6	22
79	Determination of the Composition of Fatty Acid Mixtures Using GC-MS—FI-MS: A Comprehensive Two-Dimensional Separation Approach. Analytical Chemistry, 2009, 81, 1450-1458.	3.2	37
80	Exploration of variables in the fabrication of pyrolysed photoresist. Journal of Solid State Electrochemistry, 2008, 12, 1357-1365.	1.2	22
81	A GUM-compliant uncertainty budget for the analysis of total carbon dioxide (TCO ₂) in equine plasma. Accreditation and Quality Assurance, 2008, 13, 523-530.	0.4	7
82	Monitor material. Chemometrics and Intelligent Laboratory Systems, 2008, 90, 92-93.	1.8	0
83	Identification of sources of diesel oil spills using parallel factor analysis: A bridge between American society for testing and materials and Nordtest methods. Journal of Chromatography A, 2008, 1198-1199, 181-187.	1.8	12
84	Reply to "Do we really need to account for run bias when producing analytical results with stated uncertainty? Comment on "Treatment of bias in estimating measurement uncertainty": Analyst, The, 2007, 132, 1275.	1.7	4
85	Systematic errors in analytical measurement results. Journal of Chromatography A, 2007, 1158, 25-32.	1.8	34
86	Classification of weathered petroleum oils by multi-way analysis of gas chromatography-mass spectrometry data using PARAFAC2 parallel factor analysis. Journal of Chromatography A, 2007, 1166, 163-170.	1.8	33
87	The effects of the lengths and orientations of single-walled carbon nanotubes on the electrochemistry of nanotube-modified electrodes. Electrochemistry Communications, 2007, 9, 1677-1683.	2.3	109
88	Extending the dynamic range of electrochemical sensors using multiple modified electrodes. Analytical and Bioanalytical Chemistry, 2007, 387, 1489-1498.	1.9	22
89	Quality Assurance in the Analytical Chemistry Laboratory. , 2007, , .		38
90	Introduction to Quality in the Analytical Chemistry Laboratory. , 2007, , .		4

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91	The uncertainty of a result from a linear calibration. <i>Analyst, The</i> , 2006, 131, 1273.	1.7	59
92	Application of N-PLS calibration to the simultaneous determination of Cu ²⁺ , Cd ²⁺ and Pb ²⁺ using peptide modified electrochemical sensors. <i>Analyst, The</i> , 2006, 131, 1051.	1.7	37
93	Chemical Profiling of Heroin Recovered from the North Korean Merchant Vessel Pong Su. <i>Journal of Forensic Sciences</i> , 2006, 51, 597-602.	0.9	31
94	Determination of sulfite in beer samples using an amperometric flow and flow channel biosensor employing sulfite oxidase. <i>Analytica Chimica Acta</i> , 2006, 556, 195-200.	2.6	37
95	A comparative study of point-to-point algorithms for matching spectra. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 82, 50-58.	1.8	53
96	Metrological traceability: I make it 42; you make it 42; but is it the same 42?. <i>Accreditation and Quality Assurance</i> , 2006, 11, 543-549.	0.4	13
97	Analytical performance and characterization of MPA-Gly-Gly-His modified sensors. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 540-548.	4.0	58
98	His ⁺ Ser ⁻ Gln ⁻ Lys ⁻ Val ⁻ Phe as a selective ligand for the voltammetric determination of Cd ²⁺ . <i>Electrochemistry Communications</i> , 2005, 7, 101-106.	2.3	43
99	Electrochemical detection of lead ions via the covalent attachment of human angiotensin I to mercaptopropionic acid and thioctic acid self-assembled monolayers. <i>Analytica Chimica Acta</i> , 2005, 543, 167-176.	2.6	73
100	Further comments on the (miss-)use of r for testing the linearity of calibration functions. <i>Accreditation and Quality Assurance</i> , 2005, 10, 300-301.	0.4	31
101	Treatment of bias in estimating measurement uncertainty. <i>Analyst, The</i> , 2005, 130, 721.	1.7	43
102	Stepwise Synthesis of Gly ⁺ Gly ⁻ His on Gold Surfaces Modified with Mixed Self-Assembled Monolayers. <i>Langmuir</i> , 2005, 21, 260-265.	1.6	27
103	Voltammetric detection of cadmium ions at glutathione-modified gold electrodes. <i>Analyst, The</i> , 2005, 130, 831.	1.7	87
104	Comparison of Spectra Using a Bayesian Approach. An Argument Using Oil Spills as an Example. <i>Analytical Chemistry</i> , 2005, 77, 639-644.	3.2	17
105	Data Analysis for Chemistry. , 2005, , .		20
106	An uncertainty budget for the determination of the purity of glyphosate by quantitative nuclear magnetic resonance (QNMR) spectroscopy. <i>Accreditation and Quality Assurance</i> , 2004, 9, 55-63.	0.4	52
107	Matching fluorescence spectra of oil spills with spectra from suspect sources. <i>Analytica Chimica Acta</i> , 2004, 514, 51-56.	2.6	54
108	Electrochemical modulation of antigen ⁻ antibody binding. <i>Biosensors and Bioelectronics</i> , 2004, 20, 260-268.	5.3	68

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109	Scientist vs the law. Accreditation and Quality Assurance, 2003, 8, 179-183.	0.4	3
110	The measurement uncertainty of ratios which share uncertainty components in numerator and denominator. Accreditation and Quality Assurance, 2003, 8, 195-199.	0.4	11
111	The external review committee on pure reference materials at the National Analytical Reference Laboratory. Accreditation and Quality Assurance, 2003, 8, 434-435.	0.4	10
112	Solution to the Problem of Interferences in Electrochemical Sensors Using the Fill-and-Flow Channel Biosensor. Analytical Chemistry, 2003, 75, 593-600.	3.2	28
113	Protein Electrochemistry Using Aligned Carbon Nanotube Arrays. Journal of the American Chemical Society, 2003, 125, 9006-9007.	6.6	853
114	Exploring the use of the tripeptide Gly-Gly-His as a selective recognition element for the fabrication of electrochemical copper sensors. Analyst, The, 2003, 128, 712-718.	1.7	127
115	Quantitative Nuclear Magnetic Resonance (QNMR) Spectroscopy for Assessing the Purity of Technical Grade Agrochemicals: 2,4-Dichlorophenoxyacetic Acid (2,4-D) and Sodium 2,2-Dichloropropionate (Dalapon Sodium). Journal of Agricultural and Food Chemistry, 2002, 50, 3366-3374.	2.4	81
116	Quantitative nuclear magnetic resonance spectrometry. Analytica Chimica Acta, 2002, 474, 125-135.	2.6	45
117	Kinetics of Irreversible Adsorption with Diffusion: Application to Biomolecule Immobilization. Langmuir, 2002, 18, 1770-1776.	1.6	86
118	Sub-ppt detection limits for copper ions with Gly-Gly-His modified electrodes. Chemical Communications, 2001, , 1982-1983.	2.2	157
119	Redox voltammetry of sub-parts per billion levels of Cu ²⁺ at polyaspartate-modified gold electrodes. Analyst, The, 2001, 126, 1573-1577.	1.7	74
120	Parameters Important in Fabricating Enzyme Electrodes Using Self-Assembled Monolayers of Alkanethiols.. Analytical Sciences, 2001, 17, 3-9.	0.8	73
121	Compliance of analytical results with regulatory or specification limits: a probabilistic approach. Accreditation and Quality Assurance, 2001, 6, 346-351.	0.4	11
122	Development of Potentiometric Biosensors Using Electrodeposited Polytyramine as the Enzyme Immobilization Matrix. Electroanalysis, 2001, 13, 1469-1474.	1.5	25
123	Propagation of uncertainty in high-performance liquid chromatography with UV-VIS detection. Analytica Chimica Acta, 2001, 443, 205-214.	2.6	20
124	Characterisation of gold electrodes modified with self-assembled monolayers of l-cysteine for the adsorptive stripping analysis of copper. Journal of Electroanalytical Chemistry, 2001, 516, 10-16.	1.9	256
125	Voltammetry of Platinum in Artificial Perilymph Solution. Journal of the Electrochemical Society, 2001, 148, E1.	1.3	38
126	An Experimental Design Study of Interferences of Clinical Relevance of a Polytyramine Immobilized-Enzyme Biosensor. Electroanalysis, 2000, 12, 111-119.	1.5	22

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127	Mass changes and dissolution of platinum during electrical stimulation in artificial perilymph solution. <i>Biomaterials</i> , 2000, 21, 2177-2182.	5.7	32
128	An Investigation of the Factors that Influence the Decomposition of 7,7,8,8-Tetracyanoquinodimethane (TCNQ) and Its Salts to, and Structural Characterization of, the \pm -Dicyano-p-toluoyl cyanide Anion. <i>Chemistry of Materials</i> , 2000, 12, 2319-2323.	3.2	38
129	SYNTHESIS OF N-(3-MERCAPTOPROPYL)-AZA-18-CROWN-6, N-(4-MERCAPTOBUTYL)-AZA-18-CROWN-6 AND THEIR DIMERS. <i>Organic Preparations and Procedures International</i> , 1999, 31, 425-429.	0.6	7
130	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 33, 135-148.	1.6	11
131	Method validation of modern analytical techniques. <i>Accreditation and Quality Assurance</i> , 1999, 4, 352-356.	0.4	19
132	Flow-injection potentiometric determination of free cadmium ions with a cadmium ion-selective electrode. <i>Analytica Chimica Acta</i> , 1998, 370, 267-278.	2.6	26
133	Flow injection potentiometry by poly(vinyl chloride)-membrane electrodes with substituted azacrown ionophores for the determination of lead(II) and mercury(II) ions. <i>Analytica Chimica Acta</i> , 1998, 372, 387-398.	2.6	89
134	A Six Sensor Array of Coated-Wire Electrodes for Use in a Portable Flow Injection Analyzer. <i>Electroanalysis</i> , 1998, 10, 707-712.	1.5	33
135	Lead(II)-Selective Membrane Electrodes Based on 4,7,13,16-Tetrathienyl-1,10-dioxo-4,7,13,16-tetraazacyclooctadecane. <i>Electroanalysis</i> , 1998, 10, 827-831.	1.5	21
136	Data Analysis of Multi-Sensor Arrays. <i>Electroanalysis</i> , 1998, 10, 1077-1080.	1.5	13
137	A field-portable gas analyzer with an array of six semiconductor sensors. Part 1: Quantitative determination of ethanol. <i>Field Analytical Chemistry and Technology</i> , 1998, 2, 135-143.	0.9	5
138	A field-portable gas analyzer with an array of six semiconductor sensors. Part 2: Identification of beer samples using artificial neural networks. <i>Field Analytical Chemistry and Technology</i> , 1998, 2, 145-153.	0.9	9
139	A tungsten oxide coated wire electrode used as a pH sensor in flow injection potentiometry. <i>Analytical Communications</i> , 1998, 35, 395-398.	2.2	24
140	Flow injection, amperometric determination of ethanol in wines after solid-phase extraction. <i>Electroanalysis</i> , 1997, 9, 541-543.	1.5	8
141	The determination of ethanol in wine by voltammetry with an internal standard. <i>Electroanalysis</i> , 1997, 9, 544-548.	1.5	7
142	Lead-selective membrane electrodes based on dithiophenediazacrown ether derivatives. <i>Electroanalysis</i> , 1997, 9, 549-553.	1.5	176
143	A photo-cured coated wire potassium ion-selective electrode for use in flow injection potentiometry. <i>Electroanalysis</i> , 1997, 9, 813-817.	1.5	10
144	Photo-cured ammonium and hydrogen ion selective coated-wire electrodes used simultaneously in a portable battery-powered flow injection analyzer. <i>Electroanalysis</i> , 1997, 9, 1331-1336.	1.5	16

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145	Adsorption response of semiconductor gas sensors with the use of a portable flow-through monitor. <i>Field Analytical Chemistry and Technology</i> , 1997, 1, 357-366.	0.9	0
146	Field-portable flow-injection analysers for monitoring of air and water pollution. <i>Talanta</i> , 1996, 43, 915-925.	2.9	28
147	A serial array of ISEs for use in a portable battery-powered flow injection analyzer. <i>Electroanalysis</i> , 1996, 8, 438-442.	1.5	40
148	Amperometric flow injection analysis of organic thiols and proteins. <i>Electroanalysis</i> , 1996, 8, 468-472.	1.5	11
149	Operational assessment of a potentiometric eight-sensor flow cell in a portable flow injection analyzer. <i>Field Analytical Chemistry and Technology</i> , 1996, 1, 31-37.	0.9	14
150	Tungsten sensor for amperometric detection of organic thiols and proteins. <i>Electroanalysis</i> , 1995, 7, 290-291.	1.5	17
151	A tubular graphite-epoxy electrode incorporating horseradish peroxidase as a potentiometric sensor for hydrogen peroxide. <i>Electroanalysis</i> , 1995, 7, 722-725.	1.5	10
152	A model of non-nerstian response in the determination of aluminum ions by indirect potentiometry. <i>Electroanalysis</i> , 1995, 7, 947-951.	1.5	0
153	A portable flow injection analyzer for use with ion-selective electrodes. <i>Electroanalysis</i> , 1995, 7, 1118-1120.	1.5	15
154	Determination of aluminum ions by indirect potentiometry in a flow system. <i>Electroanalysis</i> , 1994, 6, 990-995.	1.5	3
155	Chemical effects on the morphology of supported electrodeposited metals. <i>Journal of Electroanalytical Chemistry</i> , 1994, 371, 137-148.	1.9	16
156	Reduction of Sulfur Dioxide on Perovskite Oxides. <i>Catalysis Reviews - Science and Engineering</i> , 1992, 34, 391-408.	5.7	20
157	Mechanism of the hydrolysis of adenosine 5'-triphosphate: A regression analysis of kinetic data. <i>Journal of Chemometrics</i> , 1989, 3, 569-577.	0.7	3
158	Flue gas desulphurisation: Catalytic removal of sulphur dioxide by carbon monoxide on sulphided $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Applied Catalysis</i> , 1988, 41, 273-287.	1.1	19
159	Flue gas desulphurisation: Catalytic removal of sulphur dioxide by carbon monoxide on sulphided $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Applied Catalysis</i> , 1988, 41, 289-299.	1.1	38