David B Hibbert

List of Publications by Year
in descending order

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	Protein Electrochemistry Using Aligned Carbon Nanotube Arrays. Journal of the American Chemical Society, 2003, 125, 9006-9007.	6.6	853
2	The death of the Job plot, transparency, open science and online tools, uncertainty estimation methods and other developments in supramolecular chemistry data analysis. Chemical Communications, 2016, 52, 12792-12805.	2.2	634
3	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
4	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
5	Nucleic acid hybridization on an electrically reconfigurable network of gold-coated magnetic nanoparticles enables microRNA detection in blood. Nature Nanotechnology, 2018, 13, 1066-1071.	15.6	244
6	Lead-selective membrane electrodes based on dithiophenediazacrown ether derivatives. Electroanalysis, 1997, 9, 549-553.	1.5	176
7	Sub-ppt detection limits for copper ions with Gly-Gly-His modified electrodes. Chemical Communications, 2001, , 1982-1983.	2.2	157
8	Metrological traceability of measurement results in chemistry: Concepts and implementation (IUPAC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	131
9	Exploring the use of the tripeptide Glyâ€“Glyâ€“His as a selective recognition element for the fabrication of electrochemical copper sensors. Analyst, The, 2003, 128, 712-718.	1.7	127
10	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
11	Flow injection potentiometry by poly(vinyl chloride)-membrane electrodes with substituted azacrown ionophores for the determination of lead(II) and mercury(II) ions. Analytica Chimica Acta, 1998, 372, 387-398.	2.6	89
12	Electrochemically roughened nanoporous platinum electrodes for non-enzymatic glucose sensors. Electrochimica Acta, 2017, 231, 20-26.	2.6	89
13	Voltammetric detection of cadmium ions at glutathione-modified gold electrodes. Analyst, The, 2005, 130, 831.	1.7	87
14	Kinetics of Irreversible Adsorption with Diffusion:â€‰ Application to Biomolecule Immobilization. Langmuir, 2002, 18, 1770-1776.	1.6	86
15	Quantitative Nuclear Magnetic Resonance (QNMR) Spectroscopy for Assessing the Purity of Technical Grade Agrochemicals:Â 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
16	Redox voltammetry of sub-parts per billion levels of Cu2+ at polyaspartate-modified gold electrodes. Analyst, The, 2001, 126, 1573-1577.	1.7	74
17	Parameters Important in Fabricating Enzyme Electrodes Using Self-Assembled Monolayers of Alkanethiols.. Analytical Sciences, 2001, 17, 3-9.	0.8	73
18	Electrochemical detection of lead ions via the covalent attachment of human angiotensin I to mercaptopropionic acid and thioctic acid self-assembled monolayers. Analytica Chimica Acta, 2005, 543, 167-176.	2.6	73

#	Article	IF	Citations
19	Electrochemical modulation of antigenâ€“antibody binding. Biosensors and Bioelectronics, 2004, 20, 260-268.	5.3	68
20	The uncertainty of a result from a linear calibration. Analyst, The, 2006, 131, 1273.	1.7	59
21	Analytical performance and characterization of MPA-Gly-Gly-His modified sensors. Sensors and Actuators B: Chemical, 2005, 111-112, 540-548.	4.0	58
22	Nitrogenase-Inspired Atomically Dispersed Feâ€“Sâ€“C Linkages for Improved Electrochemical Reduction of Dinitrogen to Ammonia. ACS Catalysis, 2022, 12, 1443-1451.	5.5	58
23	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
24	Terminology of electrochemical methods of analysis (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2020, 92, 641-694.	0.9	55
25	Matching fluorescence spectra of oil spills with spectra from suspect sources. Analytica Chimica Acta, 2004, 514, 51-56.	2.6	54
26	A comparative study of point-to-point algorithms for matching spectra. Chemometrics and Intelligent Laboratory Systems, 2006, 82, 50-58.	1.8	53
27	An uncertainty budget for the determination of the purity of glyphosate by quantitative nuclear magnetic resonance (QNMR) spectroscopy. Accreditation and Quality Assurance, 2004, 9, 55-63.	0.4	52
28	Quantitative nuclear magnetic resonance spectrometry. Analytica Chimica Acta, 2002, 474, 125-135.	2.6	45
29	Investigating the Interfacial Properties of Electrochemically Roughened Platinum Electrodes for Neural Stimulation. Langmuir, 2015, 31, 2593-2599.	1.6	45
30	Vocabulary of concepts and terms in chemometrics (IUPAC Recommendations 2016). Pure and Applied Chemistry, 2016, 88, 407-443.	0.9	45
31	Hisâ€“Serâ€“Glnâ€“Lysâ€“Valâ€“Phe as a selective ligand for the voltammetric determination of Cd2+. Electrochemistry Communications, 2005, 7, 101-106.	2.3	43
32	Treatment of bias in estimating measurement uncertainty. Analyst, The, 2005, 130, 721.	1.7	43
33	An introduction to Bayesian methods for analyzing chemistry data. Chemometrics and Intelligent Laboratory Systems, 2009, 97, 211-220.	1.8	42
34	A rapid readout for many single plasmonic nanoparticles using dark-field microscopy and digital color analysis. Biosensors and Bioelectronics, 2018, 117, 530-536.	5.3	41
35	A serial array of ISEs for use in a portable battery-powered flow injection analyzer. Electroanalysis, 1996, 8, 438-442.	1.5	40
36	Flue gas desulphurisation: Catalytic removal of sulphur dioxide by carbon monoxide on sulphided La1â‚“SrxCoO3. Applied Catalysis, 1988, 41, 289-299.	1.1	38

#	Article	IF	Citations
37	An Investigation of the Factors that Influence the Decomposition of 7,7â€˜,8,8â€˜-Tetracyanoquinodimethane (TCNQ) and Its Salts to, and Structural Characterization of, the Î±,Î±-Dicyano-p-toluoylcyanide Anion. Chemistry of Materials, 2000, 12, 2319-2323.	3.2	38
38	Voltammetry of Platinum in Artificial Perilymph Solution. Journal of the Electrochemical Society, 2001, 148, E1.	1.3	38
39	Quality Assurance in the Analytical Chemistry Laboratory. , 2007, , .		38
40	Application of N-PLS calibration to the simultaneous determination of Cu2+, Cd2+ and Pb2+ using peptide modified electrochemical sensors. Analyst, The, 2006, 131, 1051.	1.7	37
41	Determination of sulfite in beer samples using an amperometric fill and flow channel biosensor employing sulfite oxidase. Analytica Chimica Acta, 2006, 556, 195-200.	2.6	37
42	Determination of the Composition of Fatty Acid Mixtures Using GC Ã— FI-MS: A Comprehensive Two-Dimensional Separation Approach. Analytical Chemistry, 2009, 81, 1450-1458.	3.2	37
43	Systematic errors in analytical measurement results. Journal of Chromatography A, 2007, 1158, 25-32.	1.8	34
44	A Six Sensor Array of Coated-Wire Electrodes for Use in a Portable Flow Injection Analyzer. Electroanalysis, 1998, 10, 707-712.	1.5	33
45	Classification of weathered petroleum oils by multi-way analysis of gas chromatographyâ€“mass spectrometry data using PARAFAC2 parallel factor analysis. Journal of Chromatography A, 2007, 1166, 163-170.	1.8	33
46	Conformity assessment of multicomponent materials or objects: Risk of false decisions due to measurement uncertainty â€“ A case study of denatured alcohols. Talanta, 2017, 164, 189-195.	2.9	33
47	Mass changes and dissolution of platinum during electrical stimulation in artificial perilymph solution. Biomaterials, 2000, 21, 2177-2182.	5.7	32
48	Model forensic science. Australian Journal of Forensic Sciences, 2016, 48, 496-537.	0.7	32
49	Terminology of separation methods (IUPAC Recommendations 2017). Pure and Applied Chemistry, 2018, 90, 181-231.	0.9	32
50	Further comments on the (miss-)use of r for testing the linearity of calibration functions. Accreditation and Quality Assurance, 2005, 10, 300-301.	0.4	31
51	Chemical Profiling of Heroin Recovered from the North Korean Merchant Vessel Pong Su. Journal of Forensic Sciences, 2006, 51, 597-602.	0.9	31
52	Risk of false decision on conformity of a multicomponent material when test results of the componentsâ€™ content are correlated. Talanta, 2017, 174, 789-796.	2.9	31
53	Field-portable flow-injection analysers for monitoring of air and water pollution. Talanta, 1996, 43, 915-925.	2.9	28
54	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

#	Article	IF	Citations
55	Stepwise Synthesis of Glyâ^'Glyâ^'His on Gold Surfaces Modified with Mixed Self-Assembled Monolayers. Langmuir, 2005, 21, 260-265.	1.6	27
56	Compatibility of electron ionization and soft ionization methods in gas chromatography/orthogonal timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 2181-2189.	0.7	27
57	Flow-injection potentiometric determination of free cadmium ions with a cadmium ion-selective electrode. Analytica Chimica Acta, 1998, 370, 267-278.	2.6	26
58	Measurement of Stable Isotope Ratios in Methylamphetamine: A Link to Its Precursor Source. Analytical Chemistry, 2013, 85, 9400-9408.	3.2	26
59	The Effect of Interfacial Design on the Electrochemical Detection of DNA and MicroRNA Using Methylene Blue at Lowâ€Density DNA Films. ChemElectroChem, 2014, 1, 165-171.	1.7	26
60	Risk of a false decision on conformity of an environmental compartment due to measurement uncertainty of concentrations of two or more pollutants. Chemosphere, 2018, 202, 165-176.	4.2	26
61	Development of Potentiometric Biosensors Using Electrodeposited Polytyramine as the Enzyme Immobilization Matrix. Electroanalysis, 2001, 13, 1469-1474.	1.5	25
62	A tungsten oxide coated wire electrode used as a pH sensor in flow injection potentiometry. Analytical Communications, 1998, 35, 395-398.	2.2	24
63	Discrimination among geometrical isomers of Î±-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
64	Experiences with a researcher-centric ELN. Chemical Science, 2015, 6, 1614-1629.	3.7	24
65	Spreadsheet for evaluation of global risks in conformity assessment of a multicomponent material or object. Chemometrics and Intelligent Laboratory Systems, 2019, 188, 1-5.	1.8	24
66	An Experimental Design Study of Interferences of Clinical Relevance of a Polytyramine Immobilized-Enzyme Biosensor. Electroanalysis, 2000, 12, 111-119.	1.5	22
67	Extending the dynamic range of electrochemical sensors using multiple modified electrodes. Analytical and Bioanalytical Chemistry, 2007, 387, 1489-1498.	1.9	22
68	Exploration of variables in the fabrication of pyrolysed photoresist. Journal of Solid State Electrochemistry, 2008, 12, 1357-1365.	1.2	22
69	IUPAC project: A glossary of concepts and terms in chemometrics. Analytica Chimica Acta, 2009, 642, 3-5.	2.6	22
70	Enhancing the usefulness of cross dehydrogenative coupling reactions with a removable protecting group. Organic and Biomolecular Chemistry, 2013, 11, 4921.	1.5	22
71	Lead(II)-Selective Membrane Electrodes Based on 4,7,13,16-Tetrathenoyl-1,10-dioxa-4,7,13,16-tetraazacyclooctadecane. Electroanalysis, 1998, 10, 827-831.	1.5	21
72	Metrological and quality concepts in analytical chemistry (IUPAC Recommendations 2021). Pure and Applied Chemistry, 2021, 93, 997-1048.	0.9	21

#	Article	IF	Citations
73	Reduction of Sulfur Dioxide on Perovskite Oxides. Catalysis Reviews - Science and Engineering, 1992, 34, 391-408.	5.7	20
74	Propagation of uncertainty in high-performance liquid chromatography with UVâ€“VIS detection. Analytica Chimica Acta, 2001, 443, 205-214.	2.6	20
75	Degradation of fatty acid methyl esters in biodiesels exposed to sunlight and seawater. Fuel, 2011, 90, 2677-2683.	3.4	20
76	Data Analysis for Chemistry. , 2005, , .		20
77	Flue gas desulphurisation: Catalytic removal of sulphur dioxide by carbon monoxide on sulphided La1â¯xSrxCoO3. Applied Catalysis, 1988, 41, 273-287.	1.1	19
78	Method validation of modern analytical techniques. Accreditation and Quality Assurance, 1999, 4, 352-356.	0.4	19
79	Tutorial and spreadsheets for Bayesian evaluation of risks of false decisions on conformity of a multicomponent material or object due to measurement uncertainty. Chemometrics and Intelligent Laboratory Systems, 2018, 182, 109-116.	1.8	19
80	Terminology of bioanalytical methods (IUPAC Recommendations 2018). Pure and Applied Chemistry, 2018, 90, 1121-1198.	0.9	19
81	Total risk of a false decision on conformity of an alloy due to measurement uncertainty and correlation of test results. Talanta, 2018, 189, 666-674.	2.9	18
82	Tungsten sensor for amperometric detection of organic thiols and proteins. Electroanalysis, 1995, 7, 290-291.	1.5	17
83	Comparison of Spectra Using a Bayesian Approach. An Argument Using Oil Spills as an Example. Analytical Chemistry, 2005, 77, 639-644.	3.2	17
84	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
85	Redox Recycling Amplification Using an Interdigitated Microelectrode Array for Ionic Liquid-Based Oxygen Sensors. Analytical Chemistry, 2018, 90, 3950-3957.	3.2	17
86	Interpreting and propagating the uncertainty of the standard atomic weights (IUPAC Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.9	17
87	Chemical effects on the morphology of supported electrodeposited metals. Journal of Electroanalytical Chemistry, 1994, 371, 137-148.	1.9	16
88	Photo-cured ammonium and hydrogen ion selective coated-wire electrodes used simultaneously in a portable battery-powered flow injection analyzer. Electroanalysis, 1997, 9, 1331-1336.	1.5	16
89	Gold-coated magnetic nanoparticles as â€œdispersible electrodesâ€•â€“ Understanding their electrochemical performance. Journal of Electroanalytical Chemistry, 2011, 656, 130-135.	1.9	16
90	Ionic Liquid Microstrips Impregnated with Magnetic Nanostirrers for Sensitive Gas Sensors. ACS Applied Materials & Interfaces, 2017, 9, 43377-43385.	4.0	16

#	Article	IF	Citations
91	Dual Signaling DNA Electrochemistry: An Approach To Understand DNA Interfaces. Langmuir, 2018, 34, 1249-1255.	1.6	16
92	A portable flow injection analyzer for use with ion-selective electrodes. Electroanalysis, 1995, 7, 1118-1120.	1.5	15
93	Studentsâ€™ 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
94	Oxygen solubility in austenitic Fe-Ni alloys at high temperatures. Journal of Alloys and Compounds, 2018, 732, 646-654.	2.8	15
95	Operational assessment of a potentiometric eight-sensor flow cell in a portable flow injection analyzer. Field Analytical Chemistry and Technology, 1996, 1, 31-37.	0.9	14
96	Data Analysis of Multiâ€Sensor Arrays. Electroanalysis, 1998, 10, 1077-1080.	1.5	13
97	Metrological traceability: I make it 42; you make it 42; but is it the same 42?. Accreditation and Quality Assurance, 2006, 11, 543-549.	0.4	13
98	Glossary of methods and terms used in analytical spectroscopy (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2021, 93, 647-776.	0.9	13
99	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
100	Risks in a sausage conformity assessment due to measurement uncertainty, correlation and mass balance constraint. Food Control, 2021, 125, 107949.	2.8	12
101	Amperometric flow injection analysis of organic thiols and proteins. Electroanalysis, 1996, 8, 468-472.	1.5	11
102	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 33, 135-148.	1.6	11
103	Compliance of analytical results with regulatory or specification limits: a probabilistic approach. Accreditation and Quality Assurance, 2001, 6, 346-351.	0.4	11
104	The measurement uncertainty of ratios which share uncertainty components in numerator and denominator. Accreditation and Quality Assurance, 2003, 8, 195-199.	0.4	11
105	Gas chromatography with parallel hard and soft ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 91-99.	0.7	11
106	Microcontact Printing of Thiol-Functionalized Ionic Liquid Microarrays for â€œMembrane-lessâ€•and â€œSpill-lessâ€•Gas Sensors. ACS Applied Materials & Interfaces, 2016, 8, 31368-31374.	4.0	11
107	Uncertainties in the measurement of solubility â€“ A tutorial. Journal of Chemical Thermodynamics, 2019, 133, 152-160.	1.0	11
108	Interpretation and use of standard atomic weights (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 629-646.	0.9	11

#	Article	IF	Citations
109	A tubular graphite-epoxy electrode incorporating horseradish peroxidase as a potentiometric sensor for hydrogen peroxide. Electroanalysis, 1995, 7, 722-725.	1.5	10
110	A photo-cured coated wire potassium ion-selective electrode for use in flow injection potentiometry. Electroanalysis, 1997, 9, 813-817.	1.5	10
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	Systematic comparison of Î´¹³C measurements of testosterone and derivative steroids in a freezeâ€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
113	Nucleic-acid recognition interfaces: how the greater ability of RNA duplexes to bend towards the surface influences electrochemical sensor performance. Chemical Communications, 2015, 51, 16526-16529.	2.2	10
114	Ionic Liquidâ€based Microchannels for Highly Sensitive and Fast Amperometric Detection of Toxic Gases. Electroanalysis, 2019, 31, 66-74.	1.5	10
115	A field-portable gas analyzer with an array of six semiconductor sensors. Part 2: Identification of beer samples using artificial neural networks. Field Analytical Chemistry and Technology, 1998, 2, 145-153.	0.9	9
116	ToFâ€SIMS characterisation of methaneâ€and hydrogenâ€plasmaâ€modified graphite using principal component analysis. Surface and Interface Analysis, 2009, 41, 216-224.	0.8	9
117	Modelling an electrochemically roughened porous platinum electrode for water oxidation. Chemical Communications, 2016, 52, 4068-4071.	2.2	9
118	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
119	Setting Multivariate and Correlated Acceptance Limits for Assessing the Conformity of Items. Analytical Letters, 2022, 55, 2011-2032.	1.0	9
120	Flow injection, amperometric determination of ethanol in wines after solid-phase extraction. Electroanalysis, 1997, 9, 541-543.	1.5	8
121	Alternative instrumentation for the analysis of total carbon dioxide (TCO2) in equine plasma. Analytical and Bioanalytical Chemistry, 2010, 397, 717-722.	1.9	8
122	Identification of 4-substituted 2-(4-x-2,5-dimethoxyphenyl)-N-[(2-methoxyphenyl)methyl]ethanamine (25X-NBOMe) and analogues by gas chromatographyâ€“mass spectrometry analysis of heptafluorobutyric anhydride (HFBA) derivatives. Australian Journal of Forensic Sciences, 2016, 48, 59-73.	0.7	8
123	The determination of ethanol in wine by voltammetry with an internal standard. Electroanalysis, 1997, 9, 544-548.	1.5	7
124	SYNTHESIS OFN-(3-MERCAPTOPROPANOYL)-AZA-18-CROWN-6,N-(4-MERCAPTOBUTANOYL)-AZA-18-CROWN-6 AND THEIR DIMERS. Organic Preparations and Procedures International, 1999, 31, 425-429.	0.6	7
125	A GUM-compliant uncertainty budget for the analysis of total carbon dioxide (TCO2) in equine plasma. Accreditation and Quality Assurance, 2008, 13, 523-530.	0.4	7
126	Total CO2 measurements in horses: where to draw the line. Accreditation and Quality Assurance, 2011, 16, 339-345.	0.4	7

#	Article	IF	Citations
127	Characterisation of gold agglomerates: size distribution, shape and optical properties. RSC Advances, 2013, 3, 7367.	1.7	7
128	Factors influencing total carbon dioxide concentrations in plasma of thoroughbred and standardbred racehorses. Drug Testing and Analysis, 2014, 6, 936-943.	1.6	7
129	Human being as a part of measuring system influencing measurement results. Accreditation and Quality Assurance, 2016, 21, 421-424.	0.4	7
130	Specific risks of false decisions in conformity assessment of a substance or material with a mass balance constraint â€“ A case study of potassium iodate. Measurement: Journal of the International Measurement Confederation, 2021, 173, 108662.	2.5	7
131	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
132	Mass and volume in analytical chemistry (IUPAC Technical Report). Pure and Applied Chemistry, 2018, 90, 563-603.	0.9	6
133	A field-portable gas analyzer with an array of six semiconductor sensors. Part 1: Quantitative determination of ethanol. Field Analytical Chemistry and Technology, 1998, 2, 135-143.	0.9	5
134	A probabilistic approach to heroin signatures. Analytical and Bioanalytical Chemistry, 2010, 396, 765-773.	1.9	5
135	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
136	How many shades of grey are in conformity assessment due to measurement uncertainty?. Journal of Physics: Conference Series, 2019, 1420, 012001.	0.3	5
137	Glossary of methods and terms used in surface chemical analysis (IUPAC Recommendations 2020). Pure and Applied Chemistry, 2020, 92, 1781-1860.	0.9	5
138	Reply to â€œDo we really need to account for run bias when producing analytical results with stated uncertainty? Comment on â€˜Treatment of bias in estimating measurement uncertaintyâ€™â€•. Analyst, The, 2007, 132, 1275.	1.7	4
139	A chemical view of analogue drug laws in Australia: what is structural similarity?. Australian Journal of Forensic Sciences, 2017, 49, 605-625.	0.7	4
140	Identification of a new class of thermolabile psychoactive compounds, 4-substituted 2-(4-X-2,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 chromatography-mass spectrometry using chemical derivatization by heptafluorobutyric anhydride (HFBA). Forensic Chemistry, 2020, 20, 100266.	1.7	4
141	Introduction to Quality in the Analytical Chemistry Laboratory. , 2007, , .		4
142	Mechanism of the hydrolysis of adenosine 5â€²-triphosphate: A regression analysis of kinetic data. Journal of Chemometrics, 1989, 3, 569-577.	0.7	3
143	Determination of aluminum ions by indirect potentiometry in a flow system. Electroanalysis, 1994, 6, 990-995.	1.5	3
144	Scientist vs the law. Accreditation and Quality Assurance, 2003, 8, 179-183.	0.4	3

#	Article	IF	Citations
145	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
146	Detection of Arsenobetaine: A Step Towards SERS-based Arsenic Speciation. , 2010, , .		2
147	Comparing the electrochemical performance of pyrolysed photoresist film electrodes to glassy carbon electrodes for sensing applications. , 2010, , .		2
148	Identification of the geometrical isomers of Î±-linolenic acid using gas chromatography/mass spectrometry with a binary decision tree. Talanta, 2011, 83, 1233-1238.	2.9	2
149	Chemometric Analysis of Sensory Data. , 2019, , 149-192.		2
150	Vocabulary of radioanalytical methods (IUPAC Recommendations 2020). Pure and Applied Chemistry, 2021, 93, 69-111.	0.9	2
151	Fit-for-purpose risks in conformity assessment of a substance or material â€“ A case study of synthetic air. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110542.	2.5	2
152	MODEL OF RAMIFICATION IN ELECTRODEPOSITED FRACTALS. Fractals, 2010, 18, 477-482.	1.8	1
153	A model of non-nernstian response in the determination of aluminum ions by indirect potentiometry. Electroanalysis, 1995, 7, 947-951.	1.5	0
154	Adsorption response of semiconductor gas sensors with the use of a portable flow-through monitor. Field Analytical Chemistry and Technology, 1997, 1, 357-366.	0.9	0
155	Monitor material. Chemometrics and Intelligent Laboratory Systems, 2008, 90, 92-93.	1.8	0
156	Fabrication of nano-structured substrates for surface enhanced Raman spectroscopy. , 2010, , .		0
157	Managing Standards and Critical Evaluation in a World of Big Data. Chemistry International, 2017, 39, 22-24.	0.3	0
158	IUPAC, analytical chemistry and our cultural heritage. Pure and Applied Chemistry, 2018, 90, 425-427.	0.9	0
159	Siderophoreâ€Assisted Dissolution of Iron(III) Hydroxide Oxides from Ironâ€Rich Fossil Matrices. ChemPlusChem, 2020, 85, 1747-1753.	1.3	0