Philip A Doble

List of Publications by Year
in descending order

140 papers	5,223 citations	76031 42 h-index	129628 63 g-index
145 all docs	145 docs citations	145 times ranked	5881 citing authors

#	Article	IF	Citations
1	Analysis of Stimulants in Sweat and Urine Using Disposable Pipette Extraction and Gas Chromatography Coupled to Mass Spectrometry in the Context of Doping Control. Journal of Analytical Toxicology, 2023, 46, 991-998.	1.7	4
2	Analysis of Ti- and Pb-based particles in the aqueous environment of Melbourne (Australia) via singleÂparticle ICP-MS. Analytical and Bioanalytical Chemistry, 2022, 414, 5671-5681.	1.9	15
3	Separation of intact proteins by capillary electrophoresis. Analyst, The, 2022, 147, 2988-2996.	1.7	8
4	Quantitative speciation of volatile sulphur compounds from human cadavers by GC-ICP-MS. Talanta, 2021, 221, 121424.	2.9	16
5	Determination of gadolinium MRI contrast agents in fresh and oceanic waters of Australia employing micro-solid phase extraction, HILIC-ICP-MS and bandpass mass filtering. Journal of Analytical Atomic Spectrometry, 2021, 36, 767-775.	1.6	23
6	An integrated mass spectrometry imaging and digital pathology workflow for objective detection of colorectal tumours by unique atomic signatures. Chemical Science, 2021, 12, 10321-10333.	3.7	7
7	Quantitative immuno-mass spectrometry imaging of skeletal muscle dystrophin. Scientific Reports, 2021, 11, 1128.	1.6	13
8	Mercury in the human thyroid gland: Potential implications for thyroid cancer, autoimmune thyroiditis, and hypothyroidism. PLoS ONE, 2021, 16, e0246748.	1.1	18
9	Mercury in the human adrenal medulla could contribute to increased plasma noradrenaline in aging. Scientific Reports, 2021, 11, 2961.	1.6	6
10	The Prevalence of Inorganic Mercury in Human Kidneys Suggests a Role for Toxic Metals in Essential Hypertension. Toxics, 2021, 9, 67.	1.6	11
11	Laser Ablationâ€“Inductively Coupled Plasmaâ€“Mass Spectrometry Imaging in Biology. Chemical Reviews, 2021, 121, 11769-11822.	23.0	60
12	Assessing the reproducibility of labelled antibody binding in quantitative multiplexed immuno-mass spectrometry imaging. Analytical and Bioanalytical Chemistry, 2021, 413, 5509-5516.	1.9	4
13	Pew²: Open-Source Imaging Software for Laser Ablationâ€“Inductively Coupled Plasmaâ€“Mass Spectrometry. Analytical Chemistry, 2021, 93, 10418-10423.	3.2	16
14	Characterisation of microplastics and unicellular algae in seawater by targeting carbon via single particle and single cell ICP-MS. Analytica Chimica Acta, 2021, 1174, 338737.	2.6	30
15	â€œSimultaneous targeted and non-targeted analysis of per- and polyfluoroalkyl substances in environmental samples by liquid chromatography-ion mobility-quadrupole time of flight-mass spectrometry and mass defect analysisâ€• Journal of Chromatography A, 2021, 1653, 462423.	1.8	28
16	Characterising the spatial and temporal brain metal profile in a mouse model of tauopathy. Metallomics, 2020, 12, 301-313.	1.0	23
17	Mercury in Pancreatic Cells of People with and without Pancreatic Cancer. International Journal of Environmental Research and Public Health, 2020, 17, 8990.	1.2	9
18	Characterization of Upconversion Nanoparticles by Single-Particle ICP-MS Employing a Quadrupole Mass Filter with Increased Bandpass. Analytical Chemistry, 2020, 92, 15007-15016.	3.2	23

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19	Patterns of floral nectar standing crops allow plants to manipulate their pollinators. Scientific Reports, 2020, 10, 1660.	1.6	13
20	Matching sensitivity to abundance: high resolution immuno-mass spectrometry imaging of lanthanide labels and endogenous elements in the murine brain. Journal of Analytical Atomic Spectrometry, 2020, 35, 728-735.	1.6	14
21	Elemental bioimaging shows mercury and other toxic metals in normal breast tissue and in breast cancers. PLoS ONE, 2020, 15, e0228226.	1.1	17
22	Elemental imaging shows mercury in cells of the human lateral and medial geniculate nuclei. PLoS ONE, 2020, 15, e0231870.	1.1	8
23	The distribution of toxic metals in the human retina and optic nerve head: Implications for age-related macular degeneration. PLoS ONE, 2020, 15, e0241054.	1.1	21
24	Cobalt accumulation in horses following repeated administration of cobalt chloride. Australian Veterinary Journal, 2019, 97, 465-472.	0.5	2
25	Dietary zinc and the control of Streptococcus pneumoniae infection. PLoS Pathogens, 2019, 15, e1007957.	2.1	49
26	Elemental Analysis of Aging Human Pituitary Glands Implicates Mercury as a Contributor to the Somatopause. Frontiers in Endocrinology, 2019, 10, 419.	1.5	14
27	Super-Resolution Reconstruction for Two- and Three-Dimensional LA-ICP-MS Bioimaging. Analytical Chemistry, 2019, 91, 14879-14886.	3.2	26
28	Micro solid-phase extraction for the analysis of per- and polyfluoroalkyl substances in environmental waters. Journal of Chromatography A, 2019, 1604, 460495.	1.8	23
29	On-line reverse isotope dilution analysis for spatial quantification of elemental labels used in immunohistochemical assisted imaging mass spectrometry via LA-ICP-MS. Journal of Analytical Atomic Spectrometry, 2019, 34, 407-412.	1.6	13
30	<scp>l</scp>â€3,4â€dihydroxyphenylalanine (<scp>l</scp>â€DOPA) modulates brain iron, dopaminergic neurodegeneration and motor dysfunction in iron overload and mutant alphaâ€synuclein mouse models of Parkinson's disease. Journal of Neurochemistry, 2019, 150, 88-106.	2.1	24
31	SEC-ICP-MS and on-line isotope dilution analysis for characterisation and quantification of immunochemical assays. Analytical and Bioanalytical Chemistry, 2019, 411, 3553-3560.	1.9	13
32	Low background mould-prepared gelatine standards for reproducible quantification in elemental bio-imaging. Analyst, The, 2019, 144, 6881-6888.	1.7	27
33	MMP-11 as a biomarker for metastatic breast cancer by immunohistochemical-assisted imaging mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 639-646.	1.9	39
34	LA-ICP-MS/MS improves limits of detection in elemental bioimaging of gadolinium deposition originating from MRI contrast agents in skin and brain tissues. Journal of Trace Elements in Medicine and Biology, 2019, 51, 212-218.	1.5	36
35	Quantitative imaging of translocated silver following nanoparticle exposure by laser ablation-inductively coupled plasma-mass spectrometry. Analytical Methods, 2018, 10, 836-840.	1.3	12
36	A guide to integrating immunohistochemistry and chemical imaging. Chemical Society Reviews, 2018, 47, 3770-3787.	18.7	52

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37	Applications of liquid chromatography-inductively coupled plasma-mass spectrometry in the biosciences: A tutorial review and recent developments. TrAC - Trends in Analytical Chemistry, 2018, 104, 11-21.	5.8	41
38	A Gas Chromatographyâ€“Mass Spectrometry Method for Toxicological Analysis of MDA, MDEA and MDMA in Vitreous Humor Samples from Victims of Car Accidents. Journal of Analytical Toxicology, 2018, 42, 661-666.	1.7	10
39	Age-related accumulation of toxic metals in the human locus ceruleus. PLoS ONE, 2018, 13, e0203627.	1.1	33
40	Determination of vitamin B12 in equine urine by liquid chromatography â€“ inductively coupled plasma â€“ mass spectrometry. Journal of Trace Elements in Medicine and Biology, 2018, 50, 634-639.	1.5	8
41	Distributions of manganese in diverse human cancers provide insights into tumour radioresistance. Metallomics, 2018, 10, 1191-1210.	1.0	19
42	The Icemanâ€™s Last Meal Consisted of Fat, Wild Meat, and Cereals. Current Biology, 2018, 28, 2348-2355.e9.	1.8	39
43	Trehalose elevates brain zinc levels following controlled cortical impact in a mouse model of traumatic brain injury. Metallomics, 2018, 10, 846-853.	1.0	13
44	Age modulates the injury-induced metallomic profile in the brain. Metallomics, 2017, 9, 402-410.	1.0	21
45	The development of a stabbing machine for forensic textile damage analysis. Forensic Science International, 2017, 273, 132-139.	1.3	14
46	Imaging Metals in the Brain by Laser Ablationâ€“Inductively Coupled Plasma-Mass Spectrometry. Neuromethods, 2017, , 33-50.	0.2	1
47	Microfluidic high performance liquid chromatography-chip hyphenation to inductively coupled plasmaâ€“mass spectrometry. Journal of Chromatography A, 2017, 1497, 64-69.	1.8	21
48	Imaging Metals in Brain Tissue by Laser Ablation - Inductively Coupled Plasma - Mass Spectrometry (LA-ICP-MS). Journal of Visualized Experiments, 2017, , .	0.2	22
49	The novel compound PBT434 prevents iron mediated neurodegeneration and alpha-synuclein toxicity in multiple models of Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2017, 5, 53.	2.4	77
50	Characterisation of matrix-based polyatomic interference formation in laser ablation-inductively coupled plasma-mass spectrometry using dried micro-droplet ablation and its relevance for bioimaging. Analytical Methods, 2016, 8, 7552-7556.	1.3	14
51	Laser ablation-inductively coupled plasma-mass spectrometry imaging of white and gray matter iron distribution in Alzheimer's disease frontal cortex. NeuroImage, 2016, 137, 124-131.	2.1	57
52	Optimization of chemometric approaches for the extraction of isorhamnetin-3-O-rutinoside from Calendula officinalis L.. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 408-414.	1.4	11
53	Capillary-driven microfluidic paper-based analytical devices for lab on a chip screening of explosive residues in soil. Journal of Chromatography A, 2016, 1436, 28-33.	1.8	55
54	Elemental imaging of leaves from the metal hyperaccumulating plant Noccaea caerulescens shows different spatial distribution of Ni, Zn and Cd. RSC Advances, 2016, 6, 2337-2344.	1.7	42

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55	Elemental bio-imaging using laser ablation-triple quadrupole-ICP-MS. Journal of Analytical Atomic Spectrometry, 2016, 31, 197-202.	1.6	60
56	Formulation of Biologically-Inspired Silk-Based Drug Carriers for Pulmonary Delivery Targeted for Lung Cancer. Scientific Reports, 2015, 5, 11878.	1.6	46
57	Development of a UHPLC method for the detection of organic gunshot residues using artificial neural networks. Analytical Methods, 2015, 7, 7447-7454.	1.3	28
58	Visualising mouse neuroanatomy and function by metal distribution using laser ablation-inductively coupled plasma-mass spectrometry imaging. Chemical Science, 2015, 6, 5383-5393.	3.7	69
59	Metal chaperones prevent zinc-mediated cognitive decline. Neurobiology of Disease, 2015, 81, 196-202.	2.1	47
60	Decreased Plasma Iron in Alzheimerâ€™s Disease Is Due to Transferrin Desaturation. ACS Chemical Neuroscience, 2015, 6, 398-402.	1.7	75
61	Stabilization of Nontoxic AÂ-Oligomers: Insights into the Mechanism of Action of Hydroxyquinolines in Alzheimer's Disease. Journal of Neuroscience, 2015, 35, 2871-2884.	1.7	67
62	Is early-life iron exposure critical in neurodegeneration?. Nature Reviews Neurology, 2015, 11, 536-544.	4.9	86
63	Comparative Study of Metal Quantification in Neurological Tissue Using Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Imaging and X-ray Fluorescence Microscopy. Analytical Chemistry, 2015, 87, 6639-6645.	3.2	39
64	Determination of selenium in serum in the presence of gadolinium with ICP-QQQ-MS. Analyst, The, 2015, 140, 2842-2846.	1.7	36
65	Speciation and quantification of organotin compounds in sediment and drinking water by isotope dilution liquid chromatography-inductively coupled plasma-mass spectrometry. Analytical Methods, 2015, 7, 5012-5018.	1.3	8
66	High Inorganic Phosphate Intake Promotes Tumorigenesis at Early Stages in a Mouse Model of Lung Cancer. PLoS ONE, 2015, 10, e0135582.	1.1	13
67	Magnetic resonance imaging of the pancreas in streptozotocin-induced diabetic rats: Gadofluorine P and Gd-DOTA. World Journal of Gastroenterology, 2015, 21, 5831-5842.	1.4	2
68	Detection of Gunshot Residues Using Mass Spectrometry. BioMed Research International, 2014, 2014, 1-16.	0.9	58
69	A novel approach to rapidly prevent ageâ€related cognitive decline. Aging Cell, 2014, 13, 351-359.	3.0	46
70	Malignant Glioma: MR Imaging by Using 5-Aminolevulinic Acid in an Animal Model. Radiology, 2014, 272, 720-730.	3.6	18
71	Coupling Paper-Based Microfluidics and Lab on a Chip Technologies for Confirmatory Analysis of Trinitro Aromatic Explosives. Analytical Chemistry, 2014, 86, 4707-4714.	3.2	54
72	Analysis of Ecstasy Tablets Using Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection. Journal of Forensic Sciences, 2014, 59, 1622-1626.	0.9	13

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73	The effect of paraformaldehyde fixation and sucrose cryoprotection on metal concentration in murine neurological tissue. Journal of Analytical Atomic Spectrometry, 2014, 29, 565-570.	1.6	45
74	An ironâ€“dopamine index predicts risk of parkinsonian neurodegeneration in the substantia nigra pars compacta. Chemical Science, 2014, 5, 2160-2169.	3.7	98
75	The application of portable microchip electrophoresis for the screening and comparative analysis of synthetic cathinone seizures. Forensic Science International, 2014, 242, 16-23.	1.3	19
76	Beyond the transect: An alternative microchemical imaging method for fine scale analysis of trace elements in fish otoliths during early life. Science of the Total Environment, 2014, 494-495, 177-186.	3.9	14
77	Oral Treatment with Cu(II)(atsm) Increases Mutant SOD1 In Vivo but Protects Motor Neurons and Improves the Phenotype of a Transgenic Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2014, 34, 8021-8031.	1.7	161
78	Calibration and Field Application of ChemcatcherÂ® Passive Samplers for Detecting Amitrole Residues in Agricultural Drain Waters. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 635-639.	1.3	11
79	Profiling the iron, copper and zinc content in primary neuron and astrocyte cultures by rapid online quantitative size exclusion chromatography-inductively coupled plasma-mass spectrometry. Metallomics, 2013, 5, 1656.	1.0	39
80	A portable explosive detector based on fluorescence quenching of pyrene deposited on coloured wax-printed Î¼PADs. Lab on A Chip, 2013, 13, 4164.	3.1	72
81	Exploring chip-capillary electrophoresis-laser-induced fluorescence field-deployable platform flexibility: Separations of fluorescent dyes by chip-based non-aqueous capillary electrophoresis. Journal of Chromatography A, 2013, 1286, 216-221.	1.8	25
82	Metallobiology of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity. Metallomics, 2013, 5, 91.	1.0	64
83	Lab-on-a-chip screening of methamphetamine and pseudoephedrine in samples from clandestine laboratories. Forensic Science International, 2013, 228, 8-14.	1.3	12
84	Protocol for production of matrix-matched brain tissue standards for imaging by laser ablation-inductively coupled plasma-mass spectrometry. Analytical Methods, 2013, 5, 1915.	1.3	78
85	Barium distributions in teeth reveal early-life dietary transitions in primates. Nature, 2013, 498, 216-219.	13.7	185
86	Long-Term Intermittent Hypoxia Elevates Cobalt Levels in the Brain and Injures White Matter in Adult Mice. Sleep, 2013, 36, 1471-1481.	0.6	27
87	Quantification strategies for elemental imaging of biological samples using laser ablation-inductively coupled plasma-mass spectrometry. Analyst, The, 2012, 137, 1527.	1.7	150
88	High-Resolution Elemental Bioimaging of Ca, Mn, Fe, Co, Cu, and Zn Employing LA-ICP-MS and Hydrogen Reaction Gas. Analytical Chemistry, 2012, 84, 6707-6714.	3.2	77
89	Improving acquisition times of elemental bio-imaging for quadrupole-based LA-ICP-MS. Journal of Analytical Atomic Spectrometry, 2012, 27, 159-164.	1.6	65
90	Three-Dimensional Atlas of Iron, Copper, and Zinc in the Mouse Cerebrum and Brainstem. Analytical Chemistry, 2012, 84, 3990-3997.	3.2	110

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91	Trace elemental imaging of coralline hydroxyapatite by laser-ablation inductively coupled plasma-mass spectroscopy. Journal of Tissue Engineering and Regenerative Medicine, 2012, 8, n/a-n/a.	1.3	3
92	Highâ€voltage power supplies to capillary and microchip electrophoresis. Electrophoresis, 2012, 33, 893-898.	1.3	13
93	A rapid and sensitive method for the identification of delta-9-tetrahydrocannabinol in oral fluid by liquid chromatographyâ€“tandem mass spectrometry. Forensic Science International, 2012, 215, 92-96.	1.3	31
94	Screening of gunshot residues using desorption electrospray ionisationâ€“mass spectrometry (DESIâ€“MS). Forensic Science International, 2012, 217, 101-106.	1.3	55
95	A rapid method for the in-field analysis of amphetamines employing the Agilent Bioanalyzer. Analytical Methods, 2011, 3, 1535.	1.3	19
96	Factors affecting internal standard selection for quantitative elemental bio-imaging of soft tissues by LA-ICP-MS. Journal of Analytical Atomic Spectrometry, 2011, 26, 1494.	1.6	93
97	Elemental bio-imaging of trace elements in teeth using laser ablation-inductively coupled plasma-mass spectrometry. Journal of Dentistry, 2011, 39, 397-403.	1.7	95
98	Spatial distribution of manganese in enamel and coronal dentine of human primary teeth. Science of the Total Environment, 2011, 409, 1315-1319.	3.9	73
99	The US Transuranium and Uranium Registries: forty years' experience and new directions in the analysis of actinides in human tissues. Proceedings in Radiochemistry, 2011, 1, 173-181.	0.2	16
100	Analysis of amphetamineâ€type substances by capillary zone electrophoresis using capacitively coupled contactless conductivity detection. Electrophoresis, 2010, 31, 2608-2613.	1.3	22
101	Three-dimensional elemental bio-imaging of Fe, Zn, Cu, Mn and P in a 6-hydroxydopamine lesioned mouse brain. Metallomics, 2010, 2, 745.	1.0	72
102	Quantification method for elemental bio-imaging by LA-ICP-MS using metal spiked PMMA films. Journal of Analytical Atomic Spectrometry, 2010, 25, 722.	1.6	75
103	Elemental Bio-imaging of Thorium, Uranium, and Plutonium in Tissues from Occupationally Exposed Former Nuclear Workers. Analytical Chemistry, 2010, 82, 3176-3182.	3.2	46
104	Thin films of ruthenium phthalocyanine complexes. Nano Research, 2009, 2, 678-687.	5.8	8
105	Optimisation of HPLC gradient separations using artificial neural networks (ANNs): Application to benzodiazepines in post-mortem samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 615-620.	1.2	23
106	Quantitative elemental bio-imaging of Mn, Fe, Cu and Zn in 6-hydroxydopamine induced Parkinsonism mouse models. Metallomics, 2009, 1, 53-58.	1.0	118
107	Elemental bio-imaging of melanoma in lymph node biopsies. Analyst, The, 2009, 134, 450-453.	1.7	51
108	Elemental bio-imaging of calcium phosphate crystal deposits in knee samples from arthritic patients. Metallomics, 2009, 1, 142.	1.0	35

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109	Confirmation of Sentinel Lymph Node Identity by Analysis of Fine-Needle Biopsy Samples Using Inductively Coupled Plasmaâ€“Mass Spectrometry. Annals of Surgical Oncology, 2008, 15, 934-940.	0.7	8
110	Physical evidence in drug intelligence, Part 2: discrimination of packaging tapes by colour. Australian Journal of Forensic Sciences, 2008, 40, 73-83.	0.7	9
111	False Negative Sentinel Lymph Node Biopsies in Melanoma May Result From Deficiencies in Nuclear Medicine, Surgery, or Pathology. Annals of Surgery, 2008, 247, 1003-1010.	2.1	67
112	Optimisation of the separation of herbicides by linear gradient high performance liquid chromatography utilising artificial neural networks. Talanta, 2007, 71, 1268-1275.	2.9	41
113	Determination of commonly used polar herbicides in agricultural drainage waters in Australia by HPLC. Chemosphere, 2007, 67, 944-953.	4.2	72
114	A fast CE method for the achiral separation of methadone and its major metabolites, 2â€²ethylideneâ€²1,5â€²dimethylâ€²3,3â€²diphenylpyrrolidine and 2â€²ethylâ€²5â€²methylâ€²3,3â€²diphenylâ€²1â€²pyrroline. Electrophoresis, 2007, 28, 3566-3569.	3.2	5
115	A rapid CZE method for the analysis of benzodiazepines in spiked beverages. Electrophoresis, 2007, 28, 3553-3565.	1.3	31
116	CALIBRATION OF A PASSIVE SAMPLING DEVICE FOR TIME-INTEGRATED SAMPLING OF HYDROPHILIC HERBICIDES IN AQUATIC ENVIRONMENTS. Environmental Toxicology and Chemistry, 2007, 26, 435.	2.2	58
117	Chiral analysis of methadone and its major metabolites (EDDP and EMDP) by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 814, 315-323.	1.2	49
118	Forensic analysis of condom and personal lubricants by capillary electrophoresis. Talanta, 2005, 67, 368-376.	2.9	38
119	Chemical profiling and classification of illicit heroin by principal component analysis, calculation of inter sample correlation and artificial neural networks. Talanta, 2005, 67, 360-367.	2.9	41
120	Antimony concentrations in nodal tissue can confirm sentinel node identity. Modern Pathology, 2004, 17, 1191-1197.	2.9	17
121	Failure to Remove True Sentinel Nodes Can Cause Failure of the Sentinel Node Biopsy Technique: Evidence from Antimony Concentrations in False-Negative Sentinel Nodes from Melanoma Patients. Annals of Surgical Oncology, 2004, 11, 174S-178S.	0.7	28
122	Rapid Screening of Selected Organic Explosives by High Performance Liquid Chromatography Using Reversed-Phase Monolithic Columns. Journal of Forensic Sciences, 2004, 49, 1-6.	0.9	25
123	Chiral separation of methadone, 2-ethylidene- 1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP) and 2-ethyl-5-methyl-3,3-diphenyl-1-pyrroline (EMDP) by capillary electrophoresis using cyclodextrin derivatives. Electrophoresis, 2003, 24, 2106-2110.	1.3	16
124	Classification of premium and regular gasoline by gas chromatography/mass spectrometry, principal component analysis and artificial neural networks. Forensic Science International, 2003, 132, 26-39.	1.3	104
125	Antimony by ICP-MS as a marker for sentinel lymph nodes in melanoma patients. Analyst, The, 2003, 128, 217-219.	1.7	18
126	Optimization of the Separation of Organic Explosives by Capillary Electrophoresis with Artificial Neural Networks. Journal of Forensic Sciences, 2003, 48, 1-9.	0.9	20

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127	Separation of niobium(V) and tantalum(V) as ternary complexes with citrate and metallochromic ligands by capillary electrophoresis. Analytica Chimica Acta, 2001, 434, 301-307.	2.6	17
128	Indirect spectrophotometric detection of inorganic anions in ion-exchange capillary electrochromatography. Electrophoresis, 2000, 21, 3073-3080.	1.3	33
129	On-line preconcentration of niobium(V) and tantalum(V) as 4-(2-pyridylazo) resorcinolâ€“citrate ternary complexes in geological samples by ion interaction high-performance liquid chromatography. Journal of Chromatography A, 2000, 885, 369-375.	1.8	10
130	Retention behaviour of strong acid anions in ion-exclusion chromatography on sulfonate and carboxylate stationary phases. Journal of Chromatography A, 2000, 884, 61-74.	1.8	13
131	Separation and determination of niobium(V) and tantalum(V) as 2-(5-bromo-2-pyridylazo)-5-[N-propyl-N-(3-sulfopropyl)amino]phenol citrate ternary complexes in geological samples using ion interaction high-performance liquid chromatography. Analytica Chimica Acta, 2000, 409, 35-43.	2.6	11
132	Design of background electrolytes for indirect detection of anions by capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 2000, 19, 10-17.	5.8	47
133	Indirect photometric detection of anions in capillary electrophoresis. Journal of Chromatography A, 1999, 834, 189-212.	1.8	103
134	Developments in sample preparation and separation techniques for the determination of inorganic ions by ion chromatography and capillary electrophoresis. Journal of Chromatography A, 1999, 856, 145-177.	1.8	98
135	Determination of Niobium(V) and Tantalum(V) as 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol (Br-PADAP)-citrate ternary complexes in geological materials using ion-interaction reversed-phase high-performance liquid chromatography. Chromatographia, 1999, 50, 601-606.	0.7	5
136	Use of Electrolytes Containing Multiple Co-Anions in the Analysis of Anions by Capillary Electrophoresis Using Indirect Absorbance Detection. Analytical Chemistry, 1999, 71, 15-22.	3.2	32
137	Use of dyes as indirect detection probes for the high-sensitivity determination of anions by capillary electrophoresis. Journal of Chromatography A, 1998, 804, 327-336.	1.8	45
138	Factors influencing the choice of buffer in background electrolytes for indirect detection of fast anions by capillary electrophoresis. Electrophoresis, 1998, 19, 2257-2261.	1.3	15
139	Buffered Chromate Electrolytes for Separation and Indirect Absorbance Detection of Inorganic Anions in Capillary Electrophoresis. Analytical Communications, 1997, 34, 351-353.	2.2	31
140	Determination and prediction of transfer ratios for anions in capillary zone electrophoresis with indirect UV detection. Journal of Chromatography A, 1997, 770, 291-300.	1.8	33