

# Paul J Worsfold

## List of Publications by Year in descending order

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243  
papers

9,369  
citations

31976

53  
h-index

53230

85  
g-index

258  
all docs

258  
docs citations

258  
times ranked

7668  
citing authors

#	ARTICLE	IF	CITATIONS
1	What constitutes a quality paper in environmental analytical chemistry. <i>Talanta Open</i> , 2021, 3, 100044.	3.7	1
2	Physico-chemical factors controlling the speciation of phosphorus in English and Welsh rivers. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1688-1697.	3.5	1
3	Historical developments in the determination of phosphorus in natural waters. <i>Analytica Chimica Acta</i> , 2020, 1132, 156.	5.4	1
4	On-line sample treatment coupled with atomic spectrometric detection for the determination of trace elements in natural waters. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 643-670.	3.0	13
5	Stability of Arsenic Species During Bioaccessibility Assessment Using the In Vitro UBM and HPLC-ICP-MS Detection. <i>Biological Trace Element Research</i> , 2020, 198, 332-338.	3.5	8
6	Advances in marine analytical chemistry. <i>Talanta</i> , 2019, 202, 610.	5.5	5
7	Uncertainty associated with the leaching of aerosol filters for the determination of metals in aerosol particulate matter using collision/reaction cell ICP-MS detection. <i>Talanta</i> , 2019, 199, 425-430.	5.5	13
8	Estimating Uncertainties in Oceanographic Trace Element Measurements. <i>Frontiers in Marine Science</i> , 2019, 5, .	2.5	6
9	Mixtures of tritiated water, zinc and dissolved organic carbon: Assessing interactive bioaccumulation and genotoxic effects in marine mussels, <i>Mytilus galloprovincialis</i> . <i>Journal of Environmental Radioactivity</i> , 2018, 187, 133-143.	1.7	17
10	Impact of surface ocean conditions and aerosol provenance on the dissolution of aerosol manganese, cobalt, nickel and lead in seawater. <i>Marine Chemistry</i> , 2018, 198, 28-43.	2.3	17
11	Flow analysis with chemiluminescence detection: Recent advances and applications. <i>Talanta</i> , 2018, 179, 246-270.	5.5	54
12	The role of alkalinity in setting water quality metrics: phosphorus standards in United Kingdom rivers. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1361-1372.	3.5	10
13	Determination and Prediction of Zinc Speciation in Estuaries. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14245-14255.	10.0	6
14	Changes to polychlorinated biphenyl (PCB) signatures and enantiomer fractions across different tissue types in Guillemots. <i>Marine Pollution Bulletin</i> , 2018, 131, 174-179.	5.0	6
15	Predicting Copper Speciation in Estuarine Waters—Is Dissolved Organic Carbon a Good Proxy for the Presence of Organic Ligands?. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2206-2216.	10.0	15
16	A tale of two gyres: Contrasting distributions of dissolved cobalt and iron in the Atlantic Ocean during an Atlantic Meridional Transect (AMT-19). <i>Progress in Oceanography</i> , 2017, 158, 52-64.	3.2	9
17	Seasonal iron depletion in temperate shelf seas. <i>Geophysical Research Letters</i> , 2017, 44, 8987-8996.	4.0	23
18	Spectrophotometry: Overview <i>â†</i> . , 2017, , 244-244.		1

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19	Measurement uncertainty associated with shipboard sample collection and filtration for the determination of the concentration of iron in seawater. <i>Analytical Methods</i> , 2016, 8, 6711-6719.	2.7	7
20	European analytical column number 44. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, A1-A2.	11.4	0
21	European Analytical Column Number 44. <i>Accreditation and Quality Assurance</i> , 2016, 21, 317-319.	0.8	0
22	Orthophosphate-P in the nutrient impacted River Taw and its catchment (SW England) between 1990 and 2013. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 690-705.	3.5	9
23	European Analytical Column No. 44. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4191-4193.	3.7	1
24	Absence of Gradients and Nernstian Equilibrium Stripping (AGNES) for the determination of [Zn <sup>2+</sup> ] in estuarine waters. <i>Analytica Chimica Acta</i> , 2016, 912, 32-40.	5.4	14
25	Determination of phosphorus in natural waters: A historical review. <i>Analytica Chimica Acta</i> , 2016, 918, 8-20.	5.4	136
26	Combined uncertainty estimation for the determination of the dissolved iron amount content in seawater using flow injection with chemiluminescence detection. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 673-686.	2.0	20
27	European analytical column. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 67, 217-219.	11.4	0
28	Can polychlorinated biphenyl (PCB) signatures and enantiomer fractions be used for source identification and to age date occupational exposure?. <i>Environment International</i> , 2015, 81, 56-63.	10.0	23
29	European Analytical Column No. 43. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2653-2656.	3.7	0
30	European analytical column number 43. <i>Accreditation and Quality Assurance</i> , 2015, 20, 233-233.	0.8	0
31	The molybdenum blue reaction for the determination of orthophosphate revisited: Opening the black box. <i>Analytica Chimica Acta</i> , 2015, 890, 60-82.	5.4	270
32	Uncertainty contributions to the measurement of dissolved Co, Fe, Pb and V in seawater using flow injection with solid phase preconcentration and detection by collision/reaction cell <sup>MS</sup> quadrupole ICP <sup>MS</sup> . <i>Talanta</i> , 2015, 133, 162-169.	5.5	24
33	European analytical column. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 56, ix-xii.	11.4	2
34	European Analytical Column Number 42. <i>Journal of Analytical Chemistry</i> , 2014, 69, 812-816.	0.9	0
35	Determination of dissolved iron in seawater: A historical review. <i>Marine Chemistry</i> , 2014, 166, 25-35.	2.3	47
36	European Analytical Column No. 42. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3525-3529.	3.7	0

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37	European analytical column number 42. Accreditation and Quality Assurance, 2014, 19, 225-229.	0.8	0
38	Bioaccessibility of Cr, Cu, Fe, Mg, Mn, Mo, Se and Zn from nutritional supplements by the unified BARGE method. Food Chemistry, 2014, 150, 321-327.	8.2	45
39	Identifying the provenance of Leach's storm petrels in the North Atlantic using polychlorinated biphenyl signatures derived from comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. Chemosphere, 2014, 114, 195-202.	8.2	14
40	The impact of changing surface ocean conditions on the dissolution of aerosol iron. Global Biogeochemical Cycles, 2014, 28, 1235-1250.	4.9	44
41	Temporal variability in nutrient concentrations and loads in the River Tamar and its catchment (SW) Tj ETQq1 1 0.784314 rgBT/Overl	2.7	10
42	Flow injection analysis as a tool for enhancing oceanographic nutrient measurements – A review. Analytica Chimica Acta, 2013, 803, 15-40.	5.4	89
43	Export of dissolved organic carbon and nitrate from grassland in winter using high temporal resolution, in situ UV sensing. Science of the Total Environment, 2013, 456-457, 384-391.	8.0	11
44	Fate of <sup>90</sup> Sr and U(VI) in Dounreay sediments following saline inundation and erosion. Chemosphere, 2013, 92, 911-917.	8.2	8
45	Efficiency of pre-treated Moringa oleifera for the removal of Cd <sup>2+</sup> and Zn <sup>2+</sup> ions from wastewaters. Ecohydrology and Hydrobiology, 2013, 13, 267-271.	2.3	13
46	Influence of sediment redox conditions on uranium mobilisation during saline intrusion. Chemical Geology, 2013, 357, 158-163.	3.3	9
47	Effect of organic complexing agents on the interactions of Cs <sup>+</sup> , Sr <sup>2+</sup> and with silica and natural sand. Chemosphere, 2013, 91, 948-954.	8.2	10
48	Fingerprinting polychlorinated biphenyls in environmental samples using comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. Journal of Chromatography A, 2013, 1318, 276-283.	3.7	31
49	European Analytical Column. TrAC - Trends in Analytical Chemistry, 2013, 46, xvi-xix.	11.4	3
50	Impact of arsenopyrite contamination on agricultural soils and crops. Journal of Geochemical Exploration, 2013, 125, 102-109.	3.2	13
51	Elucidating the structural properties that influence the persistence of PCBs in humans using the National Health and Nutrition Examination Survey (NHANES) dataset. Science of the Total Environment, 2013, 461-462, 99-107.	8.0	35
52	Impact of atmospheric deposition on the contrasting iron biogeochemistry of the North and South Atlantic Ocean. Global Biogeochemical Cycles, 2013, 27, 1096-1107.	4.9	45
53	More with less: Advances in flow and paper-based monitoring of nutrients in aquatic systems. Pure and Applied Chemistry, 2012, 84, 1973-1982.	1.9	7
54	Evaluation of electrospray ionisation mass spectrometry as a technique for the investigation of competitive interactions: A case study of the ternary Th-Mn-EDTA system. Rapid Communications in Mass Spectrometry, 2012, 26, 2755-2762.	1.5	11

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55	The effect of EDTA on the groundwater transport of thorium through sand. <i>Water Research</i> , 2012, 46, 4870-4882.	11.3	17
56	Mobilization of Technetium from Reduced Sediments under Seawater Inundation and Intrusion Scenarios. <i>Environmental Science &amp; Technology</i> , 2012, 46, 11798-11803.	10.0	21
57	A high resolution temporal study of phytoplankton bloom dynamics in the eutrophic Taw Estuary (SW) Tj ETQq1 1 0.784314 rrgBT /Ov	8.0	19
58	Spatial and temporal distribution of Pu in the Northwest Pacific Ocean using modern coral archives. <i>Environment International</i> , 2012, 40, 196-201.	10.0	28
59	Sample Handling. , 2012, , 295-448.		0
60	Interaction of Radiation with the Flowing Sample. , 2012, , 95-146.		0
61	Determination of nitrate and nitrite in freshwaters using flowâ€injection with luminol chemiluminescence detection. <i>Luminescence</i> , 2012, 27, 419-425.	2.9	43
62	European Analytical Column No. 40. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 5-7.	3.7	0
63	The effect of EDTA, NTA and picolinic acid on Th(IV) mobility in a ternary system with natural sand. <i>Environmental Pollution</i> , 2012, 162, 399-405.	7.5	25
64	European Analytical Column. TrAC - Trends in Analytical Chemistry, 2012, 35, 1-3.	11.4	1
65	The contribution of roadside soil to phosphorus loading in the eutrophic Lagos Lagoon, Nigeria. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1884.	2.1	5
66	Sources of plutonium to the tropical Northwest Pacific Ocean (1943â€1999) identified using a natural coral archive. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1346-1356.	3.9	62
67	Temporal record of Pu isotopes in inter-tidal sediments from the northeastern Irish Sea. <i>Science of the Total Environment</i> , 2011, 409, 5020-5025.	8.0	32
68	Metal speciation and toxicity of Tamar Estuary water to larvae of the Pacific oyster, <i>Crassostrea gigas</i> . <i>Marine Environmental Research</i> , 2011, 72, 3-12.	2.5	11
69	European analytical column no. 39. <i>Analytical chemistry and bioanalytical chemistry: a yet unshaped social relationship. Accreditation and Quality Assurance</i> , 2011, 16, 267-269.	0.8	1
70	European analytical column no. 39. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1539-1541.	3.7	0
71	Determination of total dissolved cobalt in UV-irradiated seawater using flow injection with chemiluminescence detection. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 352-362.	2.0	28
72	European analytical column no. 38 (January 2010). <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1647-1651.	3.7	1

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73	Ultra-trace determination of plutonium in marine samples using multi-collector inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2010, 671, 61-69.	5.4	59
74	European analytical column no. 38 (January 2010) by EuCheMS-DAC. Accreditation and Quality Assurance, 2010, 15, 367-371.	0.8	0
75	European Analytical Column. TrAC - Trends in Analytical Chemistry, 2010, 29, 447-451.	11.4	0
76	Methods for the determination and speciation of mercury in natural waters—A review. <i>Analytica Chimica Acta</i> , 2010, 663, 127-138.	5.4	434
77	A PORTABLE FLOW INJECTION ANALYZER FOR THE <i>IN SITU</i> DETERMINATION OF FILTERABLE REACTIVE PHOSPHORUS (FRP) IN FRESHWATER. <i>Instrumentation Science and Technology</i> , 2010, 38, 187-200.	1.8	4
78	Validation of a portable flow injection - chemiluminescence (FI-CL) method for the determination of dissolved iron in Atlantic open ocean and shelf waters by comparison with isotope dilution - inductively coupled plasma mass spectrometry (ID-ICPMS). <i>Environmental Chemistry</i> , 2010, 7, 139.	1.5	10
79	Plutonium isotopes as tracers for ocean processes: A review. <i>Marine Environmental Research</i> , 2010, 69, 73-84.	2.5	90
80	Distribution of size fractionated dissolved iron in the Canary Basin. <i>Marine Environmental Research</i> , 2010, 70, 46-55.	2.5	28
81	Sedimentary pools of phosphorus in the eutrophic Tamar estuary (SW England). <i>Journal of Environmental Monitoring</i> , 2010, 12, 296-304.	2.1	11
82	Real-time detection of reactive oxygen species generation by marine phytoplankton using flow injection-chemiluminescence. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 706-715.	2.0	41
83	The use of monitoring data for identifying factors influencing phytoplankton bloom dynamics in the eutrophic Taw Estuary, SW England. <i>Marine Pollution Bulletin</i> , 2009, 58, 1007-1015.	5.0	12
84	Estuarine eutrophication in the UK: current incidence and future trends. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 43-56.	2.0	47
85	Investigation of iron(III) reduction and trace metal interferences in the determination of dissolved iron in seawater using flow injection with luminol chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2009, 652, 259-265.	5.4	35
86	Preconcentration techniques for the determination of mercury species in natural waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 426-435.	11.4	103
87	Temporal variability of colloidal material in agricultural storm runoff from managed grassland using flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2009, 1216, 9120-9124.	3.7	4
88	Preface. <i>Analytica Chimica Acta</i> , 2009, 652, 1-2.	5.4	1
89	Gold-Coated Silica as a Preconcentration Phase for the Determination of Total Dissolved Mercury in Natural Waters Using Atomic Fluorescence Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3421-3428.	6.5	115
90	Activated gold surfaces for the direct preconcentration of mercury species from natural waters. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 767.	3.0	43

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91	Corrosion and Fate of Depleted Uranium Penetrators under Progressively Anaerobic Conditions in Estuarine Sediment. <i>Environmental Science &amp; Technology</i> , 2009, 43, 350-355.	10.0	16
92	Biogeochemical Controls on the Corrosion of Depleted Uranium Alloy in Subsurface Soils. <i>Environmental Science &amp; Technology</i> , 2009, 43, 6177-6182.	10.0	20
93	Corrosion and transport of depleted uranium in sand-rich environments. <i>Chemosphere</i> , 2009, 77, 1434-1439.	8.2	40
94	Dissolved organic phosphorus speciation in the waters of the Tamar estuary (SW England). <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1027-1038.	3.9	99
95	Collision-induced dissociation of three groups of hydroxamate siderophores: ferrioxamines, ferrichromes and coprogens/fusigens. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2195-2202.	1.5	27
96	Characterisation and quantification of organic phosphorus and organic nitrogen components in aquatic systems: A Review. <i>Analytica Chimica Acta</i> , 2008, 624, 37-58.	5.4	156
97	Analytical techniques for speciation analysis of aqueous long-lived radionuclides in environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 160-168.	11.4	22
98	Hydroxamate Siderophores: Occurrence and Importance in the Atlantic Ocean. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8675-8680.	10.0	217
99	Combined Gel Probes for the In Situ Determination of Dissolved Reactive Phosphorus in Porewaters and Characterization of Sediment Reactivity. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5112-5117.	10.0	86
100	Enzymatic flow-injection determination of phytase-hydrolysable phosphorus (PHP) in natural waters using immobilized 3-phytase. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 91-101.	3.3	7
101	Environmental Applications: Waters, Sediments and Soils. <i>Comprehensive Analytical Chemistry</i> , 2008, 54, 685-760.	1.3	3
102	Application of Flow Field-Flow Fractionation and Laser Sizing to Characterize Soil Colloids in Drained and Undrained Lysimeters. <i>Journal of Environmental Quality</i> , 2008, 37, 1656-1660.	2.0	7
103	Intercomparison between FI-CL and ICP-MS for the determination of dissolved iron in Atlantic seawater. <i>Environmental Chemistry</i> , 2007, 4, 1.	1.5	12
104	Phosphorus speciation, burial and regeneration in coastal lagoon sediments of the Gippsland Lakes (Victoria, Australia). <i>Environmental Chemistry</i> , 2007, 4, 334.	1.5	19
105	Partitioning and stability of engineered ZnO nanoparticles in soil suspensions using flow field-flow fractionation. <i>Environmental Chemistry</i> , 2007, 4, 8.	1.5	70
106	Distribution and redox speciation of dissolved iron on the European continental margin. <i>Limnology and Oceanography</i> , 2007, 52, 2530-2539.	3.1	50
107	Determination of nanomolar concentrations of phosphate in natural waters using flow injection with a long path length liquid waveguide capillary cell and solid-state spectrophotometric detection. <i>Talanta</i> , 2007, 71, 1624-1628.	5.5	61
108	Automatic Sampler Coupled with Flow Injection-Chemiluminescence Detection to Monitor Particle/Natural Water Interactions. <i>Instrumentation Science and Technology</i> , 2007, 36, 18-31.	1.8	5

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109	A Protocol to Assess the Enzymatic Release of Dissolved Organic Phosphorus Species in Waters under Environmentally Relevant Conditions. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7479-7485.	10.0	63
110	Nitrogen Cycling in Natural Waters using In Situ, Reagentless UV Spectrophotometry with Simultaneous Determination of Nitrate and Nitrite. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8420-8425.	10.0	46
111	Environmental applications of liquid-waveguide-capillary cells coupled with spectroscopic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 914-930.	11.4	80
112	Characterisation of thorium-ethylenediaminetetraacetic acid and thorium-nitrilotriacetic acid species by electrospray ionisation-mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 590, 125-131.	5.4	26
113	The application of piecewise direct standardisation with variable selection to the correction of drift in inductively coupled atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 1045.	3.0	17
114	Flow Analysis Techniques for Spatial and Temporal Measurement of Nutrients in Aquatic Systems. <i>Environmental Chemistry</i> , 2006, 3, 3.	1.5	53
115	Effect of Organic Co-Contaminants on Technetium and Rhenium Speciation and Solubility under Reducing Conditions. <i>Environmental Science &amp; Technology</i> , 2006, 40, 5472-5477.	10.0	52
116	A critical examination of the components of the Schlieren effect in flow analysis. <i>Talanta</i> , 2006, 68, 1076-1082.	5.5	73
117	Colloidal Metals in the Tamar Estuary and their Influence on Metal Fractionation by Membrane Filtration. <i>Environmental Chemistry</i> , 2006, 3, 199.	1.5	26
118	The Influence of Sample Preparation on Observed Particle Size Distributions for Contrasting Soil Suspensions using Flow Field-Flow Fractionation. <i>Environmental Chemistry</i> , 2006, 3, 184.	1.5	40
119	A community-wide intercomparison exercise for the determination of dissolved iron in seawater. <i>Marine Chemistry</i> , 2006, 98, 81-99.	2.3	60
120	Challenges in the Determination of Nutrient Species in Natural Waters. <i>Mikrochimica Acta</i> , 2006, 154, 45-48.	5.0	11
121	Determination of dissolved inorganic carbon (DIC) and dissolved organic carbon (DOC) in freshwaters by sequential injection spectrophotometry with on-line UV photo-oxidation. <i>Analytica Chimica Acta</i> , 2005, 554, 17-24.	5.4	39
122	Design of an Automated Flow Injection-Chemiluminescence Instrument Incorporating a Miniature Photomultiplier Tube for Monitoring Picomolar Concentrations of Iron in Seawater. <i>Journal of Automated Methods and Management in Chemistry</i> , 2005, 2005, 37-43.	0.5	15
123	Simultaneous Determination of Dissolved Organic Carbon and Total Dissolved Nitrogen on a Coupled High-Temperature Combustion Total Organic Carbon-Nitrogen Chemiluminescence Detection (HTC) Tj ETQq1 1 0.784314 rgBZ /Overlo	10.0	123
124	Comparison of Centrifugation and Filtration Techniques for the Size Fractionation of Colloidal Material in Soil Suspensions Using Sedimentation Field-Flow Fractionation. <i>Environmental Science &amp; Technology</i> , 2005, 39, 1731-1735.	10.0	123
125	Sampling, sample treatment and quality assurance issues for the determination of phosphorus species in natural waters and soils. <i>Talanta</i> , 2005, 66, 273-293.	5.5	155
126	Determination of dissolved reactive phosphorus (DRP) and dissolved organic phosphorus (DOP) in natural waters by the use of rapid sequenced reagent injection flow analysis. <i>Talanta</i> , 2005, 66, 453-460.	5.5	25



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127	Determination of chemical oxygen demand in fresh waters using flow injection with on-line UV-photocatalytic oxidation and spectrophotometric detection. <i>Analyst</i> , The, 2005, 130, 227.	3.5	40
128	Flow Injection Techniques in Aquatic Environmental Analysis: Recent Applications and Technological Advances. <i>Critical Reviews in Analytical Chemistry</i> , 2005, 35, 237-246.	3.5	25
129	Thorium Complexation by Hydroxamate Siderophores in Perturbed Multicomponent Systems Using Flow Injection Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 7335-7341.	6.5	22
130	Marine Biogeochemistry of Iron. <i>Environmental Chemistry</i> , 2004, 1, 67.	1.5	61
131	Analytical intercomparison between flow injection chemiluminescence and flow injection spectrophotometry for the determination of picomolar concentrations of iron in seawater. <i>Limnology and Oceanography: Methods</i> , 2004, 2, 42-54.	2.0	52
132	Production of siderophore type chelates by mixed bacterioplankton populations in nutrient enriched seawater incubations. <i>Marine Chemistry</i> , 2004, 88, 75-83.	2.3	125
133	Determination of nanomolar concentrations of phosphate in freshwaters using flow injection with luminol chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2004, 510, 213-218.	5.4	71
134	Determination of silicate in freshwaters using flow injection with luminol chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2004, 519, 137-142.	5.4	12
135	The impact of a disused mine on uranium transport in the River Fal, South West England. <i>Journal of Environmental Monitoring</i> , 2004, 6, 907-913.	2.1	8
136	Seawater induced release and transformation of organic and inorganic phosphorus from river sediments. <i>Water Research</i> , 2004, 38, 688-692.	11.3	80
137	Multi-reflection photometric flow cell for use in flow injection analysis of estuarine waters. <i>Analytica Chimica Acta</i> , 2003, 499, 81-89.	5.4	61
138	Environmental applications of flow field-flow fractionation (FIFFF). <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 615-633.	11.4	79
139	Voltammetric in situ measurements of trace metals in coastal waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 828-835.	11.4	33
140	Shipboard analytical intercomparison of dissolved iron in surface waters along a north-south transect of the Atlantic Ocean. <i>Marine Chemistry</i> , 2003, 84, 19-34.	2.3	37
141	Separation and Detection of Siderophores Produced by Marine Bacterioplankton Using High-Performance Liquid Chromatography with Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 2647-2652.	6.5	102
142	Automated Flow Injection Analyzer with On-Line Solid-Phase Extraction and Chemiluminescence Detection for the Determination of Dodecylamine in Diesel Fuels. <i>Analytical Chemistry</i> , 2003, 75, 2618-2625.	6.5	21
143	Evaluation of phosphorus concentrations in relation to annual and seasonal physico-chemical water quality parameters in a UK chalk stream. <i>Water Research</i> , 2003, 37, 3579-3589.	11.3	30
144	Atmospheric iron deposition and sea-surface dissolved iron concentrations in the eastern Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 1339-1352.	1.4	172

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145	The determination of trace metals in estuarine and coastal waters using a voltammetric in situ profiling system. <i>Analyst, The</i> , 2003, 128, 734.	3.5	31
146	Real-Time Monitoring of Picomolar Concentrations of Iron(II) in Marine Waters Using Automated Flow Injection-Chemiluminescence Instrumentation. <i>Environmental Science &amp; Technology</i> , 2002, 36, 4600-4607.	10.0	77
147	Variable reduction algorithm for atomic emission spectra: application to multivariate calibration and quantitative analysis of industrial samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 800-812.	3.0	16
148	Miniature flow injection analyser for laboratory, shipboard and in situ monitoring of nitrate in estuarine and coastal waters. <i>Talanta</i> , 2002, 58, 1015-1027.	5.5	33
149	A compact flow injection analysis system for surface mapping of phosphate in marine waters. <i>Talanta</i> , 2002, 58, 1043-1053.	5.5	65
150	Biogeochemistry of Fe and other trace elements (Al, Co, Ni) in the upper Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 605-636.	1.4	80
151	Integrated luminometer for the determination of trace metals in seawater using fluorescence, phosphorescence and chemiluminescence detection. <i>Journal of Automated Methods and Management in Chemistry</i> , 2002, 24, 41-47.	0.5	11
152	High temporal and spatial resolution environmental monitoring using flow injection with spectroscopic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 233-239.	11.4	27
153	The fate of added iron during a mesoscale fertilisation experiment in the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 2703-2743.	1.4	160
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