

# Ian W Croudace

## List of Publications by Year in descending order

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173  
papers

6,879  
citations

57758

44  
h-index

71685

76  
g-index

179  
all docs

179  
docs citations

179  
times ranked

6916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel ( <i>Pagodroma nivea</i> ) stomach-oil deposits. <i>Climate of the Past</i> , 2022, 18, 381-403.	3.4	6
2	Contrasting Common Era climate and hydrology sensitivities from paired lake sediment dinosterol hydrogen isotope records in the South Pacific Convergence Zone. <i>Quaternary Science Reviews</i> , 2022, 281, 107421.	3.0	4
3	Environmental risk of trace metals and metalloids in estuarine sediments: An example from Southampton Water, U.K.. <i>Marine Pollution Bulletin</i> , 2022, 178, 113580.	5.0	4
4	Sedimentological archives of coastal storms in South-West Wales, UK. <i>Estuarine, Coastal and Shelf Science</i> , 2022, , 107926.	2.1	0
5	Assessing the role of the "estuarine filter" for emerging contaminants: pharmaceuticals, perfluoroalkyl compounds and plasticisers in sediment cores from two contrasting systems in the southern U.K.. <i>Water Research</i> , 2021, 189, 116610.	11.3	12
6	Development of a numerical simulation method for modelling column breakthrough from extraction chromatography resins. <i>Analyst</i> , The, 2021, 146, 4049-4065.	3.5	1
7	Enhanced electrokinetic remediation of nuclear fission products in organic-rich soils. <i>Applied Geochemistry</i> , 2021, 125, 104826.	3.0	8
8	A compact, dual-zone vertical tube furnace for the determination of tritium and carbon-14 in decommissioning wastes. <i>Applied Radiation and Isotopes</i> , 2021, 179, 109995.	1.5	0
9	Palaeoenvironmental determination of biogeochemistry and ecological response in an estuarine marine protected area. , 2020, , 667-683.		0
10	Human occupation and ecosystem change on Upolu (Samoa) during the Holocene. <i>Journal of Biogeography</i> , 2020, 47, 600-614.	3.0	18
11	Landscape development at Lina myr fen, Eastern Gotland, 9000~2500 cal. yr BP. <i>Holocene</i> , 2020, 30, 1205-1219.	1.7	1
12	Tracing lake pollution, eutrophication and partial recovery from the sediments of Windermere, UK, using geochemistry and sediment microfibrils. <i>Science of the Total Environment</i> , 2020, 722, 137745.	8.0	21
13	Human settlement of East Polynesia earlier, incremental, and coincident with prolonged South Pacific drought. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8813-8819.	7.1	54
14	Convergent human and climate forcing of late-Holocene flooding in Northwest England. <i>Global and Planetary Change</i> , 2019, 182, 102998.	3.5	9
15	High resolution XRF core scanners: A key tool for the environmental and palaeoclimate sciences. <i>Quaternary International</i> , 2019, 514, 1-4.	1.5	13
16	Rapid assessment of heavy metal pollution using ion-exchange resin sachets and micro-XRF core-scanning. <i>Scientific Reports</i> , 2019, 9, 6601.	3.3	23
17	Using lake sediment archives to improve understanding of flood magnitude and frequency: Recent extreme flooding in northwest UK. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2366-2376.	2.5	22
18	Evaluation of inductively coupled plasma tandem mass spectrometry for radionuclide assay in nuclear waste characterisation. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1810-1821.	3.0	14

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19	Current perspectives on the capabilities of high resolution XRF core scanners. <i>Quaternary International</i> , 2019, 514, 5-15.	1.5	54
20	Sediment structure and physicochemical changes following tidal inundation at a large open coast managed realignment site. <i>Science of the Total Environment</i> , 2019, 660, 1419-1432.	8.0	15
21	Reconstructing precipitation in the tropical South Pacific from dinosterol 2H/1H ratios in lake sediment. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 190-206.	3.9	14
22	Practical guidelines and recent advances in the Itrax XRF core-scanning procedure. <i>Quaternary International</i> , 2019, 514, 16-29.	1.5	39
23	200-year industrial archaeological record preserved in an Isle of Man saltmarsh sediment sequence: Geochemical and radiochronological evidence. <i>Quaternary International</i> , 2019, 514, 195-203.	1.5	8
24	A New Reference Material for Tritium Organic Molecules in Sediment: Results of an International Intercomparison Exercise. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 253-262.	3.1	5
25	Differences in acquisition of environmental data in strongly impacted marine sediments using gravity and vibro corers: The case-study of Augusta harbor (Eastern Sicily, Italy). <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 124, 184-190.	5.0	4
26	Historical trace element accumulation in marine sediments from the Tamaulipas shelf, Gulf of Mexico: An assessment of natural vs anthropogenic inputs. <i>Science of the Total Environment</i> , 2018, 622-623, 325-336.	8.0	36
27	Feedback of the third interlaboratory exercise organised on wheat in the framework of the OBT working group. <i>Journal of Environmental Radioactivity</i> , 2018, 181, 52-61.	1.7	14
28	Palaeoseismology from microfabric and geochemical analysis of lacustrine sediments, Windermere, UK. <i>Journal of the Geological Society</i> , 2018, 175, 903-914.	2.1	7
29	Sedimentary records of coastal storm surges: Evidence of the 1953 North Sea event. <i>Marine Geology</i> , 2018, 403, 262-270.	2.1	29
30	A rapid method for assessing the accumulation of microplastics in the sea surface microlayer (SML) of estuarine systems. <i>Scientific Reports</i> , 2018, 8, 9428.	3.3	49
31	Plasma source mass spectrometry for radioactive waste characterisation in support of nuclear decommissioning: a review. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 494-526.	3.0	65
32	Fusion Bead Procedure for Nuclear Forensics Employing Synthetic Enstatite to Dissolve Uraniferous and Other Challenging Materials Prior to Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 6006-6014.	6.5	8
33	A Suite of Robust Radioanalytical Techniques for the Determination of Tritium and Other Volatile Radionuclides in Decommissioning Wastes and Environmental Matrices. <i>Fusion Science and Technology</i> , 2017, 71, 290-295.	1.1	6
34	Rapid on-site radionuclide screening of aqueous waste streams using dip-stick technologies and liquid scintillation counting. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 761-766.	1.5	4
35	A new bomb-combustion system for tritium extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 651-658.	1.5	3
36	A new Holocene record of geomagnetic secular variation from Windermere, UK. <i>Earth and Planetary Science Letters</i> , 2017, 477, 108-122.	4.4	9

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37	The Fate of Contaminants and Stable Pb Isotopes in a Changing Estuarine Environment: 20 Years On. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9488-9497.	10.0	16
38	Liquid scintillation counters calibration stability over long timescales. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 753-760.	1.5	4
39	Lake sedimentary $\delta^{13}C_{org}$ accurately records 20 <sup>th</sup> Century introductions of exotic conifers in Scotland. <i>New Phytologist</i> , 2017, 213, 929-941.	7.3	89
40	Recent contributions to the rapid screening of radionuclides in emergency responses and nuclear forensics. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 120-129.	11.4	17
41	Applying multivariate statistics to discriminate uranium ore concentrate geolocations using (radio)chemical data in support of nuclear forensic investigations. <i>Journal of Environmental Radioactivity</i> , 2016, 162-163, 172-181.	1.7	6
42	Climatic variability during the last millennium in Western Iceland from lake sediment records. <i>Holocene</i> , 2016, 26, 756-771.	1.7	15
43	Investigating the maximum resolution of $\mu$ XRF core scanners: A 1800 $\hat{a}$ €%year storminess reconstruction from the Outer Hebrides, Scotland, UK. <i>Holocene</i> , 2016, 26, 235-247.	1.7	8
44	Organically Bound Tritium Analysis in Environmental Samples. <i>Fusion Science and Technology</i> , 2015, 67, 250-253.	1.1	15
45	A rapid dissolution procedure to aid initial nuclear forensics investigations of chemically refractory compounds and particles prior to gamma spectrometry. <i>Analytica Chimica Acta</i> , 2015, 900, 1-9.	5.4	8
46	Determination of $^{135}Cs$ and $^{137}Cs$ in environmental samples: A review. <i>Analytica Chimica Acta</i> , 2015, 890, 7-20.	5.4	63
47	Establishing geochemical background levels of selected trace elements in areas having geochemical anomalies: The case study of the Orbetello lagoon (Tuscany, Italy). <i>Environmental Pollution</i> , 2015, 202, 96-103.	7.5	27
48	X-Ray Core Scanners as an Environmental Forensics Tool: A Case Study of Polluted Harbour Sediment (Augusta Bay, Sicily). <i>Developments in Paleoenvironmental Research</i> , 2015, , 393-421.	8.0	14
49	Modern Pollution Signals in Sediments from Windermere, NW England, Determined by Micro-XRF and Lead Isotope Analysis. <i>Developments in Paleoenvironmental Research</i> , 2015, , 423-442.	8.0	2
50	ITRAX Core Scanner Capabilities Combined with Other Geochemical and Radiochemical Techniques to Evaluate Environmental Changes in a Local Catchment, South Sydney, NSW, Australia. <i>Developments in Paleoenvironmental Research</i> , 2015, , 443-455.	8.0	2
51	Prediction of Geochemical Composition from XRF Core Scanner Data: A New Multivariate Approach Including Automatic Selection of Calibration Samples and Quantification of Uncertainties. <i>Developments in Paleoenvironmental Research</i> , 2015, , 507-534.	8.0	96
52	Parameter Optimisation for the ITRAX Core Scanner. <i>Developments in Paleoenvironmental Research</i> , 2015, , 535-562.	8.0	10
53	An Inter-comparison of $\mu$ XRF Scanning Analytical Methods for Lake Sediments. <i>Developments in Paleoenvironmental Research</i> , 2015, , 583-600.	8.0	3
54	Future Developments and Innovations in High-Resolution Core Scanning. <i>Developments in Paleoenvironmental Research</i> , 2015, , 627-647.	8.0	6

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55	ItraxPlot: An Intuitive Flexible Program for Rapidly Visualising Itrax Data. <i>Developments in Paleoenvironmental Research</i> , 2015, , 613-624.	8.0	0
56	Micro-XRF Studies of Sediment Cores: A Perspective on Capability and Application in the Environmental Sciences. <i>Developments in Paleoenvironmental Research</i> , 2015, , 1-21.	8.0	34
57	Twenty Years of XRF Core Scanning Marine Sediments: What Do Geochemical Proxies Tell Us?. <i>Developments in Paleoenvironmental Research</i> , 2015, , 25-102.	8.0	91
58	Use of Calibrated ITRAX XRF Data in Determining Turbidite Geochemistry and Provenance in Agadir Basin, Northwest African Passive Margin. <i>Developments in Paleoenvironmental Research</i> , 2015, , 127-146.	8.0	12
59	Identification, Correlation and Origin of Multistage Landslide Events in Volcaniclastic Turbidites in the Moroccan Turbidite System. <i>Developments in Paleoenvironmental Research</i> , 2015, , 147-172.	8.0	3
60	An Empirical Assessment of Variable Water Content and Grain-Size on X-Ray Fluorescence Core-Scanning Measurements of Deep Sea Sediments. <i>Developments in Paleoenvironmental Research</i> , 2015, , 173-185.	8.0	10
61	Evaluating the precision of Pb isotope measurement by mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 198-213.	3.0	85
62	Palaeolimnological reconstruction of recent environmental change in Lake Malombe (S. Malawi) using multiple proxies. <i>Water S A</i> , 2014, 40, 717.	0.4	11
63	Calixarene-based Extraction Chromatographic Separation of <sup>135</sup> Cs and <sup>137</sup> Cs in Environmental and Waste Samples Prior to Sector Field ICP-MS Analysis. <i>Analytical Chemistry</i> , 2014, 86, 11890-11896.	6.5	34
64	Rapid determination of tritium and carbon-14 in urine samples using a combustion technique. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 187-191.	1.5	11
65	Using Thermal Evolution Profiles to Infer Tritium Speciation in Nuclear Site Metals: An Aid to Decommissioning. <i>Analytical Chemistry</i> , 2014, 86, 9177-9185.	6.5	10
66	Determination of Precise <sup>135</sup> Cs/ <sup>137</sup> Cs Ratio in Environmental Samples Using Sector Field Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 8719-8726.	6.5	37
67	Evaluation of three electrodeposition procedures for uranium, plutonium and americium. <i>Applied Radiation and Isotopes</i> , 2014, 87, 233-237.	1.5	18
68	A 500 Year Sediment Lake Record of Anthropogenic and Natural Inputs to Windermere (English Lake) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Environmental Science &amp; Technology</i> , 2014, 48, 7254-7263.	10.0	49
69	Rapid measurement of <sup>241</sup> Pu activity at environmental levels using low-level liquid scintillation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 353-359.	1.5	9
70	Tagus estuary salt marshes feedback to sea level rise over a 40-year period: Insights from the application of geochemical indices. <i>Ecological Indicators</i> , 2013, 34, 268-276.	6.3	28
71	The Belgammel Ram, a Hellenistic-Roman Bronze Proembolion Found off the Coast of Libya: test analysis of function, date and metallurgy, with a digital reference archive. <i>International Journal of Nautical Archaeology</i> , 2013, 42, 60-75.	0.5	4
72	Organically bound tritium (OBT) behaviour and analysis: outcomes of the seminar held in Balaruc-les-Bains in May 2012. <i>Radioprotection</i> , 2013, 48, 127-144.	1.0	27

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73	Identification and Quantification of Radionuclides in Contaminated Drinking Waters and Pipeline Deposits. <i>Analytical Chemistry</i> , 2013, 85, 8166-8172.	6.5	6
74	Lead pre-concentration using a novel manganese dioxide resin. <i>Environmental Earth Sciences</i> , 2012, 67, 637-640.	2.7	3
75	Geochemical and mineralogical properties of the Lower Callovian (Jurassic) Kellaways Sand, variations in trace element concentrations and implications for hydrogeological risk assessment. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2012, 45, 45-60.	1.4	3
76	Evidence for the Preservation of Technogenic Tritiated Organic Compounds in an Estuarine Sedimentary Environment. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5704-5712.	10.0	42
77	The role of fractional crystallization in the genesis of early syn-D3, tin-mineralized Variscan two-mica granites from the Carrazeda de Ansiães area, northern Portugal. <i>Lithos</i> , 2012, 153, 177-191.	1.4	58
78	Pre-concentration of short-lived radionuclides using manganese dioxide precipitation from surface waters. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 25-28.	1.5	11
79	The requirement for proper storage of nuclear and related decommissioning samples to safeguard accuracy of tritium data. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 292-298.	12.4	10
80	Constraints on the numerical age of the Paleocene-Eocene boundary. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	114
81	Measurement of Plutonium Contamination Through Paint Using a Fidler Probe. , 2011, , .		0
82	A chironomid-based reconstruction of summer temperatures in NW Iceland since AD 1650. <i>Quaternary Research</i> , 2011, 75, 451-460.	1.7	25
83	Variations in the gross alpha and beta activity in surface waters at the Atomic Weapons Establishment Aldermaston (UK). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 389-394.	1.5	4
84	Activity determination and nuclear decay data of <sup>113m</sup> Cd. <i>Applied Radiation and Isotopes</i> , 2011, 69, 500-505.	1.5	16
85	Pre-concentration of naturally occurring radionuclides and the determination of <sup>212</sup> Pb from fresh waters. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 326-330.	1.7	8
86	Electrokinetic remediation of plutonium-contaminated nuclear site wastes: Results from a pilot-scale on-site trial. <i>Journal of Hazardous Materials</i> , 2011, 186, 1405-1414.	12.4	38
87	Investigation into the formation of copper sulphide in oil filled electrical equipment. , 2011, , .		4
88	Effective desorption of tritium from diverse solid matrices and its application to routine analysis of decommissioning materials. <i>Analytica Chimica Acta</i> , 2010, 676, 93-102.	5.4	35
89	An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Penrhyn Basin, South Pacific Ocean. <i>Marine Georesources and Geotechnology</i> , 2010, 28, 207-221.	2.1	19
90	Short-lived variations in the background gamma-radiation dose. <i>Journal of Radiological Protection</i> , 2010, 30, 525-533.	1.1	33

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91	Spatial distribution of <sup>241</sup> Am, <sup>137</sup> Cs, <sup>238</sup> Pu, <sup>239,240</sup> Pu and <sup>241</sup> Pu over 17 year periods in the Ravenglass saltmarsh, Cumbria, UK. Applied Radiation and Isotopes, 2009, 67, 1484-1492.	1.5	8
92	Effective Determination of the Long-lived Nuclide <sup>41</sup> Ca in Nuclear Reactor Bioshield Concretes: Comparison of Liquid Scintillation Counting and Accelerator Mass Spectrometry. Analytical Chemistry, 2009, 81, 1901-1906.	6.5	18
93	Formation of mud ridge and runnels in the intertidal zone of the Severn Estuary, UK. Continental Shelf Research, 2009, 29, 1913-1926.	1.8	29
94	Tracing dust input to the Mid-Atlantic Ridge between <sup>14</sup> Δ <sup>45</sup> Δ <sup>2</sup> N and <sup>36</sup> Δ <sup>14</sup> Δ <sup>2</sup> N: Geochemical and Sr isotope study. Marine Geology, 2008, 247, 208-225.	2.1	27
95	Oxygen isotope analysis of carbonates in the calcite-dolomite-magnesite solid-solution by high-temperature pyrolysis: initial results. Rapid Communications in Mass Spectrometry, 2008, 22, 1703-1713.	1.5	6
96	Tritium Speciation in Nuclear Reactor Bioshield Concrete and its Impact on Accurate Analysis. Analytical Chemistry, 2008, 80, 5476-5480.	6.5	27
97	Microbial abundance, activity and iron uptake in vicinity of the Crozet Isles in November 2004-January 2005. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2126-2137.	1.4	18
98	Isolation and quantification of <sup>55</sup> Fe and <sup>63</sup> Ni in reactor effluents using extraction chromatography and liquid scintillation analysis. Analytica Chimica Acta, 2006, 567, 277-285.	5.4	31
99	A novel approach for the rapid decomposition of Actinide-resin and its application to measurement of uranium and plutonium in natural waters. Analytica Chimica Acta, 2006, 577, 111-118.	5.4	26
100	Characterization of the NIST seaweed Standard Reference Material. Applied Radiation and Isotopes, 2006, 64, 1242-1247.	1.5	19
101	ITRAX: description and evaluation of a new multi-function X-ray core scanner. Geological Society Special Publication, 2006, 267, 51-63.	1.3	497
102	Turbidite emplacement on the southern Balearic Abyssal Plain (western Mediterranean Sea) during Marine Isotope Stages 1-3: an application of ITRAX XRF scanning of sediment cores to lithostratigraphic analysis. Geological Society Special Publication, 2006, 267, 79-98.	1.3	80
103	A geochemical application of the ITRAX scanner to a sediment core containing eastern Mediterranean sapropel units. Geological Society Special Publication, 2006, 267, 65-77.	1.3	73
104	Sources and timing of anthropogenic pollution in the Ensenada de San Simón (inner Ría de Vigo), Galicia, NW Spain: an application of mixture-modelling and nonlinear optimization to recent sedimentation. Science of the Total Environment, 2005, 340, 149-176.	8.0	21
105	Penetration of tritium (as tritiated water vapour) into low carbon steel and remediation using abrasive cleaning. Journal of Radiological Protection, 2005, 25, 161-168.	1.1	7
106	Bubble growth and rise in soft sediments. Geology, 2005, 33, 517.	4.4	221
107	Heavy metal distribution and early-diagenesis in salt marsh sediments from the Medway Estuary, Kent, UK. Estuarine, Coastal and Shelf Science, 2003, 57, 43-54.	2.1	108
108	Reconstructing historical trends in metal input in heavily-disturbed, contaminated estuaries: studies from Bilbao, Southampton Water and Sicily. Applied Geochemistry, 2003, 18, 311-325.	3.0	125



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109	Multiple ion counting determination of plutonium isotope ratios using multi-collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 480-484.	3.0	45
110	Accumulation of COGEMA-La Hague-derived Reprocessing Wastes in French Salt Marsh Sediments. <i>Environmental Science &amp; Technology</i> , 2002, 36, 4990-4997.	10.0	13
111	Records of Change in Salt Marshes: A Radiochronological Study of Three Westerschelde (SW) Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.0	15
112	Records of radionuclide deposition in two salt marshes in the United Kingdom with contrasting redox and accumulation conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1011-1023.	3.9	33
113	A new ground-level fallout record of uranium and plutonium isotopes for northern temperate latitudes. <i>Earth and Planetary Science Letters</i> , 2002, 203, 1047-1057.	4.4	179
114	Sedimentary response of Pagham Harbour, southern England to barrier breaching in AD 1910. <i>Geomorphology</i> , 2002, 46, 163-176.	2.6	26
115	Recent Salt Marsh Development and Natural Regeneration of Reclaimed Areas in the Plentzia Estuary, N. Spain. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 54, 863-886.	2.1	64
116	Radiochemical Determination of <sup>241</sup> Am and Pu( $\pm$ ) in Environmental Materials. <i>Analytical Chemistry</i> , 2001, 73, 3410-3416.	6.5	41
117	Redox-sensitive element uptake in north-east Atlantic Ocean sediments (Benthic Boundary Layer) Tj ETQq1 1 0.784314 rgBT /Overlock 46	4.4	46
118	ADSORPTION OF RADIOACTIVE METALS BY STRONGLY MAGNETIC IRON SULFIDE NANOPARTICLES PRODUCED BY SULFATE-REDUCING BACTERIA. <i>Separation Science and Technology</i> , 2001, 36, 2571-2607.	2.5	60
119	Plutonium isotope ratio analysis at femtogram to nanogram levels by multicollector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 279-284.	3.0	99
120	The Uptake of Iron-55 by Marine Sediment, Macroalgae, and Biota Following Discharge from a Nuclear Power Station. <i>Environmental Science &amp; Technology</i> , 2001, 35, 2171-2177.	10.0	15
121	High-resolution geochemical and micropalaeontological profiling of the most recent eastern Mediterranean sapropel. <i>Marine Geology</i> , 2001, 177, 25-44.	2.1	134
122	The NIST natural-matrix radionuclide standard reference material program for ocean studies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 248, 227-231.	1.5	12
123	Coastal wetlands as recorders of earthquake subsidence in the Aegean: a case study of the 1894 Gulf of Atalanti earthquakes, central Greece. <i>Marine Geology</i> , 2000, 170, 3-26.	2.1	50
124	High energy marine flood deposits on Astypalaea Island, Greece: possible evidence for the AD 1956 southern Aegean tsunami. <i>Marine Geology</i> , 2000, 163, 303-315.	2.1	56
125	Recent Anthropogenic Impacts on the Bilbao Estuary, Northern Spain: Geochemical and Microfaunal Evidence. <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 571-592.	2.1	149
126	Solid-Phase Extraction of Technetium <sup>99m</sup> Amine Complexes onto C18Silica and Its Application to the Isolation of <sup>99</sup> Tc. <i>Analytical Chemistry</i> , 2000, 72, 3960-3963.	6.5	19



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127	Investigation of an Alleged Nuclear Incident at Greenham Common Airbase Using Tl-mass Spectrometric Measurements of Uranium Isotopes. <i>Environmental Science &amp; Technology</i> , 2000, 34, 4496-4503.	10.0	8
128	Duration of S1, the most recent sapropel in the eastern Mediterranean Sea, as indicated by accelerator mass spectrometry radiocarbon and geochemical evidence. <i>Paleoceanography</i> , 2000, 15, 336-347.	3.0	151
129	An optimised and robust method for the determination of uranium and plutonium in aqueous samples. <i>Applied Radiation and Isotopes</i> , 1999, 50, 579-583.	1.5	19
130	Optimised method for the routine determination of Technetium-99 in environmental samples by liquid scintillation counting. <i>Analytica Chimica Acta</i> , 1999, 380, 73-82.	5.4	53
131	Improved technique for the routine determination of tritiated water in aqueous samples. <i>Analytica Chimica Acta</i> , 1999, 382, 225-231.	5.4	4
132	Effusive eruption of viscous silicic magma triggered and driven by recharge: a case study of the Cerro Chascon-Runtu Jarita Dome Complex in Southwest Bolivia. <i>Bulletin of Volcanology</i> , 1999, 61, 241-264.	3.0	45
133	A coupled natural immobilisation mechanism for mercury and selenium in deep-sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 1481-1488.	3.9	39
134	Decline of Radionuclides in the Nearshore Environment Following Nuclear Reactor Closure: A U.K. Case Study. <i>Environmental Science &amp; Technology</i> , 1999, 33, 2841-2849.	10.0	7
135	Rapid procedure for plutonium and uranium determination in soils using a borate fusion followed by ion-exchange and extraction chromatography. <i>Analytica Chimica Acta</i> , 1998, 371, 217-225.	5.4	112
136	Continuous radionuclide recovery from wastewater using magnetotactic bacteria. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 184, 241-244.	2.3	56
137	Precise and rapid determination of <sup>238</sup> U/ <sup>235</sup> U and uranium concentration in soil samples using thermal ionisation mass spectrometry. <i>Chemical Geology</i> , 1998, 144, 73-80.	3.3	37
138	Mineralogy and geochemistry of Bay of Bengal deep-sea fan sediments, ODP Leg 116: evidence for an Indian subcontinent contribution to distal fan sedimentation. <i>Geological Society Special Publication</i> , 1998, 131, 151-176.	1.3	9
139	100 years of environmental change in a coastal wetland, Augusta Bay, southeast Sicily: evidence from geochemical and palaeoecological studies. <i>Geological Society Special Publication</i> , 1998, 139, 243-254.	1.3	13
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