Ian W Croudace

List of Publications by Year
in descending order

173	6,879	57758	71685
papers	citations	44 h-index	76 g-index

179	179	179	6916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ITRAX: description and evaluation of a new multi-function X-ray core scanner. Geological Society Special Publication, 2006, 267, 51-63.	1.3	497
2	Pb Isotopic Composition of Airborne Particulate Material from France and the Southern United Kingdom:Â Implications for Pb Pollution Sources in Urban Areas. Environmental Science & Technology, 1997, 31, 2277-2286.	10.0	365
3	Mineralogy, Chemistry, and Genesis of the Boninite Series Volcanics, Chichijima, Bonin Islands, Japan. Journal of Petrology, 1994, 35, 577-617.	2.8	244
4	Redistribution and geochemical behaviour of redox-sensitive elements around S1, the most recent eastern Mediterranean sapropel. Geochimica Et Cosmochimica Acta, 1995, 59, 3487-3501.	3.9	234
5	Bubble growth and rise in soft sediments. Geology, 2005, 33, 517.	4.4	221
6	Redox zonation of elements at an oxic/post-oxic boundary in deep-sea sediments. Geochimica Et Cosmochimica Acta, 1993, 57, 579-595.	3.9	189
7	A new ground-level fallout record of uranium and plutonium isotopes for northern temperate latitudes. Earth and Planetary Science Letters, 2002, 203, 1047-1057.	4.4	179
8	Duration of S1, the most recent sapropel in the eastern Mediterranean Sea, as indicated by accelerator mass spectrometry radiocarbon and geochemical evidence. Paleoceanography, 2000, 15, 336-347.	3.0	151
9	Recent Anthropogenic Impacts on the Bilbao Estuary, Northern Spain: Geochemical and Microfaunal Evidence. Estuarine, Coastal and Shelf Science, 2000, 50, 571-592.	2.1	149
10	High-resolution geochemical and micropalaeontological profiling of the most recent eastern Mediterranean sapropel. Marine Geology, 2001, 177, 25-44.	2.1	134
11	Modification and complete removal of eastern Mediterranean sapropels by postdepositional oxidation. Geology, 1994, 22, 423.	4.4	126
12	Benthic foraminiferids as pollution indicators in Southampton Water, southern England, U.K.. Journal of Micropalaeontology, 1991, 10, 109-113.	3.6	125
13	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
14	Constraints on the numerical age of the Paleocene-Eocene boundary. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	114
15	Rapid procedure for plutonium and uranium determination in soils using a borate fusion followed by ion-exchange and extraction chromatography. Analytica Chimica Acta, 1998, 371, 217-225.	5.4	112
16	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
17	Sediment Accretion and Recent Sea-level Rise in the Solent, Southern England: Inferences from Radiometric and Geochemical Studies. Estuarine, Coastal and Shelf Science, 1996, 43, 449-467.	2.1	107
18	Plutonium isotope ratio analysis at femtogram to nanogram levels by multicollector ICP-MS. Journal of Analytical Atomic Spectrometry, 2001, 16, 279-284.	3.0	99

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19	Prediction of Geochemical Composition from XRF Core Scanner Data: A New Multivariate Approach Including Automatic Selection of Calibration Samples and Quantification of Uncertainties. Developments in Paleoenvironmental Research, 2015, , 507-534.	8.0	96
20	Twenty Years of XRF Core Scanning Marine Sediments: What Do Geochemical Proxies Tell Us?. Developments in Paleoenvironmental Research, 2015, , 25-102.	8.0	91
21	Lake sedimentary <scp>DNA</scp> accurately records 20th Century introductions of exotic conifers in Scotland. New Phytologist, 2017, 213, 929-941.	7.3	89
22	Evaluating the precision of Pb isotope measurement by mass spectrometry. Journal of Analytical Atomic Spectrometry, 2015, 30, 198-213.	3.0	85
23	Turbidite emplacement on the southern Balearic Abyssal Plain (western Mediterranean Sea) during Marine Isotope Stages 1â€“3: an application of ITRAX XRF scanning of sediment cores to lithostratigraphic analysis. Geological Society Special Publication, 2006, 267, 79-98.	1.3	80
24	Heavy Metal and Hydrocarbon Pollution in Recent Sediments from Southampton Water, Southern England: A Geochemical and Isotopic Study. Environmental Science & Technology, 1995, 29, 1288-1296.	10.0	75
25	Sedimentary and geochemical variations in a salt marsh/mud flat environment from the mesotidal Hamble estuary, southern England. Marine Chemistry, 1995, 51, 115-132.	2.3	74
26	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
27	Reliability of Salt Marshes as â€œGeochemical Recordersâ€•of Pollution Input:Â A Case Study from Contrasting Estuaries in Southern England. Environmental Science & Technology, 1997, 31, 1093-1101.	10.0	67
28	Plasma source mass spectrometry for radioactive waste characterisation in support of nuclear decommissioning: a review. Journal of Analytical Atomic Spectrometry, 2017, 32, 494-526.	3.0	65
29	Recent Salt Marsh Development and Natural Regeneration of Reclaimed Areas in the Plentzia Estuary, N. Spain. Estuarine, Coastal and Shelf Science, 2002, 54, 863-886.	2.1	64
30	Determination of 135Cs and 137Cs in environmental samples: A review. Analytica Chimica Acta, 2015, 890, 7-20.	5.4	63
31	Volcanological and petrological evolution of Volcan Tata Sabaya, SW Bolivia. Journal of Volcanology and Geothermal Research, 1993, 55, 305-335.	2.1	60
32	ADSORPTION OF RADIOACTIVE METALS BY STRONGLY MAGNETIC IRON SULFIDE NANOPARTICLES PRODUCED BY SULFATE-REDUCING BACTERIA. Separation Science and Technology, 2001, 36, 2571-2607.	2.5	60
33	The role of fractional crystallization in the genesis of early syn-D3, tin-mineralized Variscan two-mica granites from the Carrazeda de AnsiÃ£es area, northern Portugal. Lithos, 2012, 153, 177-191.	1.4	58
34	Physical and chemical associations of radionuclides and trace metals in estuarine sediments: an example from Poole Harbour, Southern England. Journal of Environmental Radioactivity, 1995, 29, 191-211.	1.7	57
35	Continuous radionuclide recovery from wastewater using magnetotactic bacteria. Journal of Magnetism and Magnetic Materials, 1998, 184, 241-244.	2.3	56
36	High energy marine flood deposits on Astypalaea Island, Greece: possible evidence for the AD 1956 southern Aegean tsunami. Marine Geology, 2000, 163, 303-315.	2.1	56

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37	Current perspectives on the capabilities of high resolution XRF core scanners. Quaternary International, 2019, 514, 5-15.	1.5	54
38	Human settlement of East Polynesia earlier, incremental, and coincident with prolonged South Pacific drought. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8813-8819.	7.1	54
39	Optimised method for the routine determination of Technetium-99 in environmental samples by liquid scintillation counting. Analytica Chimica Acta, 1999, 380, 73-82.	5.4	53
40	Coastal wetlands as recorders of earthquake subsidence in the Aegean: a case study of the 1894 Gulf of Atalantiearthquakes, central Greece. Marine Geology, 2000, 170, 3-26.	2.1	50
41	A 500 Year Sediment Lake Record of Anthropogenic and Natural Inputs to Windermere (English Lake) Tj ETQq1 1 0.784314 rgBT /Ove Environmental Science & Technology, 2014, 48, 7254-7263.	10.0	49
42	A rapid method for assessing the accumulation of microplastics in the sea surface microlayer (SML) of estuarine systems. Scientific Reports, 2018, 8, 9428.	3.3	49
43	Redox-sensitive element uptake in north-east Atlantic Ocean sediments (Benthic Boundary Layer) Tj ETQq1 1 0.784314 rgBT /Overloc	4.4	46
44	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. Bulletin of Volcanology, 1999, 61, 241-264.	3.0	45
45	Multiple ion counting determination of plutonium isotope ratios using multi-collector ICP-MS. Journal of Analytical Atomic Spectrometry, 2003, 18, 480-484.	3.0	45
46	Evidence for the Preservation of Technogenic Tritiated Organic Compounds in an Estuarine Sedimentary Environment. Environmental Science & Technology, 2012, 46, 5704-5712.	10.0	42
47	Radiochemical Determination of241Am and Pu(Î±) in Environmental Materials. Analytical Chemistry, 2001, 73, 3410-3416.	6.5	41
48	A coupled natural immobilisation mechanism for mercury and selenium in deep-sea sediments. Geochimica Et Cosmochimica Acta, 1999, 63, 1481-1488.	3.9	39
49	Practical guidelines and recent advances in the Itrax XRF core-scanning procedure. Quaternary International, 2019, 514, 16-29.	1.5	39
50	Electrokinetic remediation of plutonium-contaminated nuclear site wastes: Results from a pilot-scale on-site trial. Journal of Hazardous Materials, 2011, 186, 1405-1414.	12.4	38
51	Precise and rapid determination of 238U/235U and uranium concentration in soil samples using thermal ionisation mass spectrometry. Chemical Geology, 1998, 144, 73-80.	3.3	37
52	Determination of Precise ¹³⁵Cs/¹³⁷Cs Ratio in Environmental Samples Using Sector Field Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2014, 86, 8719-8726.	6.5	37
53	A LOW DILUTION, WAVELENGTHâ€ÐISPERSIVE Xâ€RAY FLUORESCENCE PROCEDURE FOR THE ANALYSIS OF ARCHAEOLOGICAL ROCK ARTEFACTS. Archaeometry, 1988, 30, 227-236.	1.3	36
54	Historical trace element accumulation in marine sediments from the Tamaulipas shelf, Gulf of Mexico: An assessment of natural vs anthropogenic inputs. Science of the Total Environment, 2018, 622-623, 325-336.	8.0	36

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55	A possible error source in silicate wet-chemistry caused by insoluble fluorides. Chemical Geology, 1980, 31, 153-155.	3.3	35
56	Effective desorption of tritium from diverse solid matrices and its application to routine analysis of decommissioning materials. Analytica Chimica Acta, 2010, 676, 93-102.	5.4	35
57	Calixarene-based Extraction Chromatographic Separation of ¹³⁵Cs and ¹³⁷Cs in Environmental and Waste Samples Prior to Sector Field ICP-MS Analysis. Analytical Chemistry, 2014, 86, 11890-11896.	6.5	34
58	Micro-XRF Studies of Sediment Cores: A Perspective on Capability and Application in the Environmental Sciences. Developments in Paleoenvironmental Research, 2015, , 1-21.	8.0	34
59	Records of radionuclide deposition in two salt marshes in the United Kingdom with contrasting redox and accumulation conditions. Geochimica Et Cosmochimica Acta, 2002, 66, 1011-1023.	3.9	33
60	Short-lived variations in the background gamma-radiation dose. Journal of Radiological Protection, 2010, 30, 525-533.	1.1	33
61	Versatile and accurate trace element determinations in iron-rich and other geological samples using x-ray fluorescence analysis. X-Ray Spectrometry, 1990, 19, 117-123.	1.4	32
62	Toxic gas generation from plastic mattresses and sudden infant death syndrome. Lancet, The, 1995, 346, 1516-1520.	13.7	32
63	Metal uptake and separation using magnetotactic bacteria. IEEE Transactions on Magnetics, 1994, 30, 4707-4709.	2.1	31
64	Isolation and quantification of 55Fe and 63Ni in reactor effluents using extraction chromatography and liquid scintillation analysis. Analytica Chimica Acta, 2006, 567, 277-285.	5.4	31
65	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
66	Sedimentary records of coastal storm surges: Evidence of the 1953 North Sea event. Marine Geology, 2018, 403, 262-270.	2.1	29
67	Tagus estuary salt marshes feedback to sea level rise over a 40-year period: Insights from the application of geochemical indices. Ecological Indicators, 2013, 34, 268-276.	6.3	28
68	Tracing dust input to the Mid-Atlantic Ridge between 14Â°45â€²N and 36Â°14â€²N: Geochemical and Sr isotope study. Marine Geology, 2008, 247, 208-225.	2.1	27
69	Tritium Speciation in Nuclear Reactor Bioshield Concrete and its Impact on Accurate Analysis. Analytical Chemistry, 2008, 80, 5476-5480.	6.5	27
70	Organically bound tritium (OBT) behaviour and analysis: outcomes of the seminar held in Balaruc-les-Bains in May 2012. Radioprotection, 2013, 48, 127-144.	1.0	27
71	Establishing geochemical background levels of selected trace elements in areas having geochemical anomalies: The case study of the Orbetello lagoon (Tuscany, Italy). Environmental Pollution, 2015, 202, 96-103.	7.5	27
72	Review of analytical techniques for the determination of americium-241 in soils and sediments. Applied Radiation and Isotopes, 1996, 47, 627-642.	1.5	26

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73	Sedimentary response of Pagham Harbour, southern England to barrier breaching in AD 1910. Geomorphology, 2002, 46, 163-176.	2.6	26
74	A novel approach for the rapid decomposition of Actinideâ„¢ resin and its application to measurement of uranium and plutonium in natural waters. Analytica Chimica Acta, 2006, 577, 111-118.	5.4	26
75	A chironomid-based reconstruction of summer temperatures in NW Iceland since AD 1650. Quaternary Research, 2011, 75, 451-460.	1.7	25
76	Rapid assessment of heavy metal pollution using ion-exchange resin sachets and micro-XRF core-scanning. Scientific Reports, 2019, 9, 6601.	3.3	23
77	The geochemistry and petrogenesis of the Lower Paleozoic granitoids of the Lleyn Peninsula, North Wales. Geochimica Et Cosmochimica Acta, 1982, 46, 609-621.	3.9	22
78	Using lake sediment archives to improve understanding of flood magnitude and frequency: Recent extreme flooding in northwest UK. Earth Surface Processes and Landforms, 2019, 44, 2366-2376.	2.5	22
79	Determination of Rare Earth Elements and Yttrium in Nine Geochemical Reference Samples Using a Novel Group Separation Procedure Involving Mixed-Acid Elution Ion-Exchange Chromatography. Geostandards and Geoanalytical Research, 1991, 15, 139-144.	3.1	21
80	Sources and timing of anthropogenic pollution in the Ensenada de San SimÃ³n (inner RÃa 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
81	Tracing lake pollution, eutrophication and partial recovery from the sediments of Windermere, UK, using geochemistry and sediment microfabrics. Science of the Total Environment, 2020, 722, 137745.	8.0	21
82	An optimised and robust method for the determination of uranium and plutonium in aqueous samples. Applied Radiation and Isotopes, 1999, 50, 579-583.	1.5	19
83	Solid-Phase Extraction of Technetiumâ˜Amine Complexes onto C18Silica and Its Application to the Isolation of99Tc. Analytical Chemistry, 2000, 72, 3960-3963.	6.5	19
84	Characterization of the NIST seaweed Standard Reference Material. Applied Radiation and Isotopes, 2006, 64, 1242-1247.	1.5	19
85	An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Penrhyn Basin, South Pacific Ocean. Marine Georesources and Geotechnology, 2010, 28, 207-221.	2.1	19
86	Microbial abundance, activity and iron uptake in vicinity of the Crozet Isles in November 2004â€“January 2005. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2126-2137.	1.4	18
87	Effective Determination of the Long-lived Nuclide ⁴¹Ca in Nuclear Reactor Bioshield Concretes: Comparison of Liquid Scintillation Counting and Accelerator Mass Spectrometry. Analytical Chemistry, 2009, 81, 1901-1906.	6.5	18
88	Evaluation of three electrodeposition procedures for uranium, plutonium and americium. Applied Radiation and Isotopes, 2014, 87, 233-237.	1.5	18
89	Human occupation and ecosystem change on Upolu (Samoa) during the Holocene. Journal of Biogeography, 2020, 47, 600-614.	3.0	18
90	The use of pre-irradiation group separations with neutron activation analysis for the determination of the rare earths in silicate rocks. Journal of Radioanalytical Chemistry, 1980, 59, 323-330.	0.5	17

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91	Recent contributions to the rapid screening of radionuclides in emergency responses and nuclear forensics. TrAC - Trends in Analytical Chemistry, 2016, 85, 120-129.	11.4	17
92	Activity determination and nuclear decay data of 113mCd. Applied Radiation and Isotopes, 2011, 69, 500-505.	1.5	16
93	The Fate of Contaminants and Stable Pb Isotopes in a Changing Estuarine Environment: 20 Years On. Environmental Science & Technology, 2017, 51, 9488-9497.	10.0	16
94	The Uptake of Iron-55 by Marine Sediment, Macroalgae, and Biota Following Discharge from a Nuclear Power Station. Environmental Science & Technology, 2001, 35, 2171-2177.	10.0	15
95	Records of Change in Salt Marshes:Â A Radiochronological Study of Three Westerschelde (SW) Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.0	15
96	Organically Bound Tritium Analysis in Environmental Samples. Fusion Science and Technology, 2015, 67, 250-253.	1.1	15
97	Climatic variability during the last millennium in Western Iceland from lake sediment records. Holocene, 2016, 26, 756-771.	1.7	15
98	Sediment structure and physicochemical changes following tidal inundation at a large open coast managed realignment site. Science of the Total Environment, 2019, 660, 1419-1432.	8.0	15
99	X-Ray Core Scanners as an Environmental Forensics Tool: A Case Study of Polluted Harbour Sediment (Augusta Bay, Sicily). Developments in Paleoenvironmental Research, 2015, , 393-421.	8.0	14
100	Feedback of the third interlaboratory exercise organised on wheat in the framework of the OBT working group. Journal of Environmental Radioactivity, 2018, 181, 52-61.	1.7	14
101	Evaluation of inductively coupled plasma tandem mass spectrometry for radionuclide assay in nuclear waste characterisation. Journal of Analytical Atomic Spectrometry, 2019, 34, 1810-1821.	3.0	14
102	Reconstructing precipitation in the tropical South Pacific from dinosterol 2H/1H ratios in lake sediment. Geochimica Et Cosmochimica Acta, 2019, 245, 190-206.	3.9	14
103	100 years of environmental change in a coastal wetland, Augusta Bay, southeast Sicily: evidence from geochemical and palaeoecological studies. Geological Society Special Publication, 1998, 139, 243-254.	1.3	13
104	Accumulation of COGEMA-La Hague-derived Reprocessing Wastes in French Salt Marsh Sediments. Environmental Science & Technology, 2002, 36, 4990-4997.	10.0	13
105	High resolution XRF core scanners: A key tool for the environmental and palaeoclimate sciences. Quaternary International, 2019, 514, 1-4.	1.5	13
106	The NIST natural-matrix radionuclide standard reference material program for ocean studies. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 227-231.	1.5	12
107	Use of Calibrated ITRAX XRF Data in Determining Turbidite Geochemistry and Provenance in Agadir Basin, Northwest African Passive Margin. Developments in Paleoenvironmental Research, 2015, , 127-146.	8.0	12
108	Assessing the role of the â€œestuarine filterâ€•for emerging contaminants: pharmaceuticals, perfluoroalkyl compounds and plasticisers in sediment cores from two contrasting systems in the southern U.K.. Water Research, 2021, 189, 116610.	11.3	12

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109	Pre-concentration of short-lived radionuclides using manganese dioxide precipitation from surface waters. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 25-28.	1.5	11
110	Palaeolimnological reconstruction of recent environmental change in Lake Malombe (S. Malawi) using multiple proxies. Water S A, 2014, 40, 717.	0.4	11
111	Rapid determination of tritium and carbon-14 in urine samples using a combustion technique. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 187-191.	1.5	11
112	The requirement for proper storage of nuclear and related decommissioning samples to safeguard accuracy of tritium data. Journal of Hazardous Materials, 2012, 213-214, 292-298.	12.4	10
113	Using Thermal Evolution Profiles to Infer Tritium Speciation in Nuclear Site Metals: An Aid to Decommissioning. Analytical Chemistry, 2014, 86, 9177-9185.	6.5	10
114	Parameter Optimisation for the ITRAX Core Scanner. Developments in Paleoenvironmental Research, 2015, , 535-562.	8.0	10
115	An Empirical Assessment of Variable Water Content and Grain-Size on X-Ray Fluorescence Core-Scanning Measurements of Deep Sea Sediments. Developments in Paleoenvironmental Research, 2015, , 173-185.	8.0	10
116	A simple, rapid and precise smear method for the preparation of oriented smear mounts. Clay Minerals, 1983, 18, 337-340.	0.6	10
117	A rapid and non-destructive method of fluorine determination using fast-neutron activation analysis. Chemical Geology, 1988, 67, 165-170.	3.3	9
118	Mineralogy and geochemistry of Bay of Bengal deep-sea fan sediments, ODP Leg 116: evidence for an Indian subcontinent contribution to distal fan sedimentation. Geological Society Special Publication, 1998, 131, 151-176.	1.3	9
119	Rapid measurement of 241Pu activity at environmental levels using low-level liquid scintillation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 353-359.	1.5	9
120	A new Holocene record of geomagnetic secular variation from Windermere, UK. Earth and Planetary Science Letters, 2017, 477, 108-122.	4.4	9
121	Convergent human and climate forcing of late-Holocene flooding in Northwest England. Global and Planetary Change, 2019, 182, 102998.	3.5	9
122	Errors in instrumental neutron activation analysis caused by matrix absorption. Chemical Geology, 1979, 25, 175-177.	3.3	8
123	Neutron Activation Analysis of Seven B.C.S. Certified Reference Materials of Geological Interest. Geostandards and Geoanalytical Research, 1982, 6, 233-239.	3.1	8
124	Investigation of an Alleged Nuclear Incident at Greenham Common Airbase Using TI-mass Spectrometric Measurements of Uranium Isotopes. Environmental Science & Technology, 2000, 34, 4496-4503.	10.0	8
125	Spatial distribution of 241Am, 137Cs, 238Pu, 239,240Pu and 241Pu over 17 year periods in the Ravenglass saltmarsh, Cumbria, UK. Applied Radiation and Isotopes, 2009, 67, 1484-1492.	1.5	8
126	Pre-concentration of naturally occurring radionuclides and the determination of 212Pb from fresh waters. Journal of Environmental Radioactivity, 2011, 102, 326-330.	1.7	8

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127	A rapid dissolution procedure to aid initial nuclear forensics investigations of chemically refractory compounds and particles prior to gamma spectrometry. Analytica Chimica Acta, 2015, 900, 1-9.	5.4	8
128	Investigating the maximum resolution of ÂµXRF core scanners: A 1800â€‰year storminess reconstruction from the Outer Hebrides, Scotland, UK. Holocene, 2016, 26, 235-247.	1.7	8
129	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. Analytical Chemistry, 2017, 89, 6006-6014.	6.5	8
130	200-year industrial archaeological record preserved in an Isle of Man saltmarsh sediment sequence: Geochemical and radiochronological evidence. Quaternary International, 2019, 514, 195-203.	1.5	8
131	Enhanced electrokinetic remediation of nuclear fission products in organic-rich soils. Applied Geochemistry, 2021, 125, 104826.	3.0	8
132	Decline of Radionuclides in the Nearshore Environment Following Nuclear Reactor Closure:Â A U.K. Case Study. Environmental Science & Technology, 1999, 33, 2841-2849.	10.0	7
133	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
134	Palaeoseismology from microfabric and geochemical analysis of lacustrine sediments, Windermere, UK. Journal of the Geological Society, 2018, 175, 903-914.	2.1	7
135	Oxygen isotope analysis of carbonates in the calciteâ€dolomiteâ€magnesite solidâ€solution by highâ€temperature pyrolysis: initial results. Rapid Communications in Mass Spectrometry, 2008, 22, 1703-1713.	1.5	6
136	Identification and Quantification of Radionuclides in Contaminated Drinking Waters and Pipeline Deposits. Analytical Chemistry, 2013, 85, 8166-8172.	6.5	6
137	Future Developments and Innovations in High-Resolution Core Scanning. Developments in Paleoenvironmental Research, 2015, , 627-647.	8.0	6
138	Applying multivariate statistics to discriminate uranium ore concentrate geolocations using (radio)chemical data in support of nuclear forensic investigations. Journal of Environmental Radioactivity, 2016, 162-163, 172-181.	1.7	6
139	A Suite of Robust Radioanalytical Techniques for the Determination of Tritium and Other Volatile Radionuclides in Decommissioning Wastes and Environmental Matrices. Fusion Science and Technology, 2017, 71, 290-295.	1.1	6
140	Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel (<i>Pagodroma nivea</i>) stomach-oil deposits. Climate of the Past, 2022, 18, 381-403.	3.4	6
141	Neutron Activation Determination of Rare Earth And Trace Elements in Two BCS1 Soda And Potash Feldspar Standards. Geostandards and Geoanalytical Research, 1981, 5, 185-187.	3.1	5
142	FLUORINE ABUNDANCES OF TWENTY NINE GEOLOGICAL AND OTHER REFERENCE SAMPLES USING FAST-NEUTRON ACTIVATION ANALYSIS. Geostandards and Geoanalytical Research, 1993, 17, 217-218.	3.1	5
143	A New Reference Material for Tritium Organic Molecules in Sediment: Results of an International Intercomparison Exercise. Geostandards and Geoanalytical Research, 2018, 42, 253-262.	3.1	5
144	RAPID NON-DESTRUCTIVE DETERMINATION OF FLUORINE IN SEVENTY-ONE GEOLOGICAL AND OTHER REFERENCE SAMPLES USING FAST-NEUTRON ACTIVATION ANALYSIS. Geostandards and Geoanalytical Research, 1989, 13, 69-73.	3.1	4

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145	Fluorescent lifetime of Er3+4I132 level in BK-7 borosilieate glass. Materials Letters, 1992, 14, 347-351.	2.6	4
146	Improved technique for the routine determination of tritiated water in aqueous samples. Analytica Chimica Acta, 1999, 382, 225-231.	5.4	4
147	Variations in the gross alpha and beta activity in surface waters at the Atomic Weapons Establishment Aldermaston (UK). Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 389-394.	1.5	4
148	Investigation into the formation of copper sulphide in oil filled electrical equipment. , 2011, , .		4
149	The Belgammel Ram, a Hellenistic-Roman BronzeProembolionFound off the Coast of Libya: test analysis of function, date and metallurgy, with a digital reference archive. International Journal of Nautical Archaeology, 2013, 42, 60-75.	0.5	4
150	Rapid on-site radionuclide screening of aqueous waste streams using dip-stick technologies and liquid scintillation counting. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 761-766.	1.5	4
151	Liquid scintillation counters calibration stability over long timescales. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 753-760.	1.5	4
152	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). Measurement: Journal of the International Measurement Confederation, 2018, 124, 184-190.	5.0	4
153	Contrasting Common Era climate and hydrology sensitivities from paired lake sediment dinosterol hydrogen isotope records in the South Pacific Convergence Zone. Quaternary Science Reviews, 2022, 281, 107421.	3.0	4
154	Environmental risk of trace metals and metalloids in estuarine sediments: An example from Southampton Water, U.K.. Marine Pollution Bulletin, 2022, 178, 113580.	5.0	4
155	A reliable and accurate procedure for preparing low-activity efficiency calibration standards for germanium gamma-ray spectrometers. Journal of Radioanalytical and Nuclear Chemistry, 1991, 153, 151-162.	1.5	3
156	Radionuclide dates and foraminiferal accumulation rates: examples from submarine canyons. Marine Micropaleontology, 1995, 26, 57-63.	1.2	3
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