

Simon R Chenery

List of Publications by Year in descending order

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104
papers

5,909
citations

117453

34
h-index

74018

75
g-index

109
all docs

109
docs citations

109
times ranked

6098
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compilation of New and Published Major and Trace Element Data for NIST SRM 610 and NIST SRM 612 Class Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 1997, 21, 115-144.	1.7	2,280
2	Electron microprobe and LA-ICP-MS study of monazite hydrothermal alteration. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3283-3297.	1.6	208
3	Contrasted monazite hydrothermal alteration mechanisms and their geochemical implications. <i>Earth and Planetary Science Letters</i> , 1996, 145, 79-96.	1.8	191
4	Sources and uptake of trace metals in otoliths of juvenile barramundi (<i>Lates calcarifer</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 264, 47-65.	0.7	182
5	The generation of prograde P-T points and paths; a textural, compositional, and chronological study of metamorphic monazite. <i>Earth and Planetary Science Letters</i> , 2004, 228, 125-142.	1.8	140
6	A study on the relationship between mass concentrations, chemistry and number size distribution of urban fine aerosols in Milan, Barcelona and London. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 2217-2232.	1.9	138
7	Nitrate production beneath a High Arctic glacier, Svalbard. <i>Chemical Geology</i> , 2007, 244, 88-102.	1.4	97
8	Chemical signatures of the Anthropocene in the Clyde estuary, UK: sediment-hosted Pb, ^{207/206} Pb, total petroleum hydrocarbon, polyaromatic hydrocarbon and polychlorinated biphenyl pollution records. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 1085-1111.	1.6	92
9	Determination of rare earth elements in single mineral grains by laser ablation microprobe-inductively coupled plasma mass spectrometry preliminary study. <i>Journal of Analytical Atomic Spectrometry</i> , 1993, 8, 299-303.	1.6	91
10	Calibration studies in laser ablation microprobe-inductively coupled plasma atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1989, 4, 11.	1.6	84
11	Laser ablation ICP-MS elemental analysis of individual fluid inclusions: An evaluation study. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3997-4007.	1.6	83
12	Environmental influences on the trace element content of teeth implications for disease and nutritional status. <i>Archives of Oral Biology</i> , 2004, 49, 705-717.	0.8	82
13	Petrogenesis of rare-metal pegmatites in high-grade metamorphic terranes: A case study from the Lewisian Gneiss Complex of north-west Scotland. <i>Precambrian Research</i> , 2016, 281, 338-362.	1.2	73
14	Determination of element affinities by density fractionation of bulk coal samples. <i>Fuel</i> , 2001, 80, 83-96.	3.4	69
15	Nature of particulate matter produced by laser ablation implications for tandem analytical systems. <i>Journal of Analytical Atomic Spectrometry</i> , 1990, 5, 49-55.	1.6	65
16	Assessing the history of trace metal (Cu, Zn, Pb) contamination in the North Sea through laser ablation-ICP-MS of horse mussel <i>Modiolus modiolus</i> shells. <i>Marine Ecology - Progress Series</i> , 2001, 211, 157-167.	0.9	59
17	Movement patterns of the tropical shad hilsa (<i>Tenulosa ilisha</i>) inferred from transects of ⁸⁷ Sr/ ⁸⁶ Sr isotope ratios in their otoliths. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003, 60, 1376-1385.	0.7	58
18	Precise and accurate isotopic analysis of microscopic uranium-oxide grains using LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 752.	1.6	57

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19	Can otolith chemistry detect the population structure of the shad hilsa <i>Tenulosa ilisha</i> ? Comparison with the results of genetic and morphological studies. <i>Marine Ecology - Progress Series</i> , 2001, 222, 239-251.	0.9	56
20	The use of electron probe microanalysis and laser ablation-inductively coupled plasma-mass spectrometry for the investigation of 8th-14th century plant ash glasses from the Middle East. <i>Microchemical Journal</i> , 2016, 128, 134-152.	2.3	54
21	Depleted uranium contamination by inhalation exposure and its detection after ^{142}U years: Implications for human health assessment. <i>Science of the Total Environment</i> , 2008, 390, 58-68.	3.9	53
22	Soil-plant interactions and the uptake of Pb at abandoned mining sites in the Rookhope catchment of the N. Pennines, UK - A Pb isotope study. <i>Science of the Total Environment</i> , 2012, 433, 547-560.	3.9	53
23	Analysis of geological Sr isotope markers in fish otoliths with subannual resolution using laser ablation-multicollector-ICP-mass spectrometry. <i>Environmental Geology</i> , 2002, 42, 891-899.	1.2	49
24	Storage and Behavior of As, Sb, Pb, and Cu in Ombrotrophic Peat Bogs under Contrasting Water Table Conditions. <i>Environmental Science & Technology</i> , 2010, 44, 8497-8502.	4.6	49
25	Predicting the solubility and lability of Zn, Cd, and Pb in soils from a minespoil-contaminated catchment by stable isotopic exchange. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 1-16.	1.6	49
26	Detrital Rutile Geochemistry and Thermometry as Guides to Provenance of Jurassic-Paleocene Sandstones of the Norwegian Sea. <i>Journal of Sedimentary Research</i> , 2009, 79, 540-553.	0.8	48
27	How cold were the Early Permian glacial tropics? Testing sea-surface temperature using the oxygen isotope composition of rigorously screened brachiopod shells. <i>Journal of the Geological Society</i> , 2009, 166, 933-945.	0.9	46
28	Movement patterns of barramundi <i>Lates calcarifer</i> , inferred from $^{87}\text{Sr}/^{86}\text{Sr}$ and Sr/Ca ratios in otoliths, indicate non-participation in spawning. <i>Marine Ecology - Progress Series</i> , 2005, 301, 279-291.	0.9	46
29	Measuring reactive metal in soil: a comparison of multi-element isotopic dilution and chemical extraction. <i>European Journal of Soil Science</i> , 2013, 64, 526-536.	1.8	42
30	Laser ablation of minerals and chemical differentiation of the ejecta. <i>Journal of Analytical Atomic Spectrometry</i> , 1992, 7, 647.	1.6	41
31	Atomic Spectrometry Update. Environmental analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 194-235.	1.6	41
32	Use of lead isotopes for developing chronologies in recent salt-marsh sediments. <i>Quaternary Geochronology</i> , 2012, 12, 40-49.	0.6	41
33	Heavy metals in urban road dusts from Kolkata and Bengaluru, India: implications for human health. <i>Environmental Geochemistry and Health</i> , 2020, 42, 2627-2643.	1.8	36
34	Quantitative solute analysis of single fluid inclusions in halite by LA-ICP-MS and cryo-SEM-EDS: complementary microbeam techniques. <i>European Journal of Mineralogy</i> , 1998, 10, 1097-1108.	0.4	36
35	Determination of the three-dimensional distributions of precious metals in sulphide minerals by laser ablation microprobe-inductively coupled plasma-mass spectrometry (LAMP-ICP-MS). <i>Chemical Geology</i> , 1995, 124, 55-65.	1.4	35
36	Can the Movements of Barramundi in the Fly River Region, Papua New Guinea be Traced in their Otoliths?. <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 855-868.	0.9	34

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37	Anglo-Saxon animal husbandry techniques revealed through isotope and chemical variations in cattle teeth. <i>Applied Geochemistry</i> , 2007, 22, 1994-2005.	1.4	34
38	The distribution of depleted uranium contamination in Colonie, NY, USA. <i>Science of the Total Environment</i> , 2009, 408, 397-407.	3.9	33
39	Authigenic Apatite in a Fluvial Sandstone Sequence: Evidence for Rare-Earth Element Mobility During Diagenesis and a Tool for Diagenetic Correlation. <i>Journal of Sedimentary Research</i> , 2002, 72, 59-67.	0.8	32
40	Northern England Serpukhovian (early Namurian) farfield responses to southern hemisphere glaciation. <i>Journal of the Geological Society</i> , 2010, 167, 1171-1184.	0.9	32
41	Sources, lability and solubility of Pb in alluvial soils of the River Trent catchment, U.K.. <i>Science of the Total Environment</i> , 2012, 433, 110-122.	3.9	32
42	Roman coloured glass in the Western provinces: The glass cakes and tesserae from West Clacton in England. <i>Journal of Archaeological Science</i> , 2015, 62, 66-81.	1.2	30
43	Improving confidence in ferromanganese crust age models: A composite geochemical approach. <i>Chemical Geology</i> , 2019, 513, 108-119.	1.4	30
44	A Boat Load of Vikings?. <i>Journal of the North Atlantic</i> , 2014, 7, 43-53.	0.4	29
45	$^{18}\text{O}/^{16}\text{O}$ and $^{13}\text{C}/^{12}\text{C}$ in an ahermatypic deep-water coral <i>Lophelia pertusa</i> from the North Atlantic: a case of disequilibrium isotope fractionation. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1332-1336.	0.7	28
46	Atomic spectrometry update. Environmental analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 284-317.	1.6	27
47	Regional lead isotope study of a polluted river catchment: River Wear, Northern England, UK. <i>Science of the Total Environment</i> , 2009, 407, 4882-4893.	3.9	26
48	Lability of Pb in soil: effects of soil properties and contaminant source. <i>Environmental Chemistry</i> , 2014, 11, 690.	0.7	26
49	Iodine status of soils, grain crops, and irrigation waters in Pakistan. <i>Environmental Earth Sciences</i> , 2015, 73, 7995-8008.	1.3	26
50	An archaeometric study of Hellenistic glass vessels: evidence for multiple sources. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 97-110.	0.7	25
51	Geochemical and environmental factors controlling exposure to cerium and magnesium in Uganda. <i>Journal of Geochemical Exploration</i> , 1998, 65, 1-15.	1.5	24
52	Advances in atomic emission, absorption and fluorescence spectrometry, and related techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 763-805.	1.6	22
53	Heterogeneity, cyclicity and diagenesis in a Mississippian brachiopod shell of palaeoequatorial Britain. <i>Terra Nova</i> , 2012, 24, 16-26.	0.9	22
54	Late Cretaceous and Cenozoic paleoceanography from north-east Atlantic ferromanganese crust microstratigraphy. <i>Marine Geology</i> , 2020, 422, 106122.	0.9	22

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55	A sampling and analytical methodology for dental trace element analysis. <i>Analyst, The</i> , 2002, 127, 319-323.	1.7	21
56	The morphologies and compositions of depleted uranium particles from an environmental case-study. <i>Mineralogical Magazine</i> , 2009, 73, 495-510.	0.6	21
57	Lability, solubility and speciation of Cd, Pb and Zn in alluvial soils of the River Trent catchment UK. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1844.	1.7	21
58	Kinetic study of time-dependent fixation of UVI on biochar. <i>Journal of Hazardous Materials</i> , 2016, 320, 55-66.	6.5	21
59	Organic pollutants, heavy metals and toxicity in oil spill impacted salt marsh sediment cores, Staten Island, New York City, USA. <i>Marine Pollution Bulletin</i> , 2020, 151, 110721.	2.3	21
60	The British Final Magdalenian: Society, settlement and raw material movements revealed through LA-ICP-MS trace element analysis of diagnostic artefacts. <i>Quaternary International</i> , 2012, 272-273, 275-287.	0.7	20
61	LIMIT ON THE METAL CONTENT OF FLUID INCLUSIONS IN GANGUE MINERALS FROM THE VIBURNUM TREND, SOUTHEAST MISSOURI, DETERMINED BY LASER ABLATION ICP-MS. <i>Economic Geology</i> , 2004, 99, 185-198.	1.8	18
62	Childhood lead exposure in an enslaved African community in Barbados: Implications for birthplace and health status. <i>American Journal of Physical Anthropology</i> , 2013, 150, 203-209.	2.1	16
63	Controls on metal enrichment in ferromanganese crusts: Temporal changes in oceanic metal flux or phosphatisation?. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 308, 60-74.	1.6	16
64	Assessment of trace elements in the shell layers and soft tissues of the pearl oyster <i>Pinctada radiata</i> using multivariate analyses: a potential proxy for temporal and spatial variations of trace elements. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2465-2485.	1.3	15
65	Staloliths of the whelk <i>Buccinum undatum</i> : a novel age determination tool. <i>Marine Ecology - Progress Series</i> , 2018, 598, 261-272.	0.9	15
66	Determining Cadmium in Marine Sediments by Inductively Coupled Plasma Mass Spectrometry: Attacking the Problems or the Problems With the Attack? <i>Analyst, The</i> , 1997, 122, 1207-1210.	1.7	13
67	Determination of selenoamino acids by high-performance liquid chromatography-hydraulic high pressure nebulization-atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 977-1004.	1.6	13
68	An experiment to assess the effects of diatom dissolution on oxygen isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 293-300.	0.7	13
69	A study of the glazing techniques and provenances of Tang sancai glazes using elemental and lead isotope analyses. <i>Archaeometry</i> , 2019, 61, 358-373.	0.6	13
70	Communications. Serial single particle analysis by atomic spectrometry after remote laser ablation. <i>Journal of Analytical Atomic Spectrometry</i> , 1988, 3, 1133.	1.6	12
71	Atomic Spectrometry Update "Atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 107R.	1.6	12
72	Unusual mixed silica "carbonate deposits from magmatic "hydrothermal hot springs, Savo, Solomon Islands. <i>Journal of the Geological Society</i> , 2011, 168, 1297-1310.	0.9	12

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73	Seventh to eleventh century CE glass from Northern Italy: between continuity and innovation. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	12
74	Time-resolved signals from particles injected into the inductively coupled plasma. <i>Journal of Analytical Atomic Spectrometry</i> , 1996, 11, 53.	1.6	11
75	Isotopic composition and concentration of Pb in suspended particulate matter of the Irish Sea reveals distribution and sources. <i>Marine Pollution Bulletin</i> , 2006, 52, 81-88.	2.3	11
76	Measuring reactive pools of Cd, Pb and Zn in coal fly ash from the UK using isotopic dilution assays. <i>Applied Geochemistry</i> , 2013, 33, 41-49.	1.4	11
77	Trends in heavy metals, polychlorinated biphenyls and toxicity from sediment cores of the inner River Thames estuary, London, UK. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 364-380.	1.7	11
78	The Queen Scallop <i>Aequipecten opercularis</i> : a new source of information on late Cenozoic marine environments in Europe. <i>Geological Society Special Publication</i> , 2000, 177, 425-439.	0.8	10
79	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. <i>Science of the Total Environment</i> , 2019, 682, 719-728.	3.9	10
80	Lead Isotope Analysis of Tooth Enamel from a Viking Age Mass Grave in Southern Britain and the Constraints it Places on the Origin of the Individuals. <i>Archaeometry</i> , 2018, 60, 859-869.	0.6	9
81	Geochemical signature of superhigh organic sulphur RaÅa coals and the mobility of toxic trace elements from combustion products and polluted soils near the Plomin coal-fired power station in Croatia. <i>Applied Geochemistry</i> , 2020, 114, 104472.	1.4	9
82	Atomic Spectrometry UpdateâAtomic Emission Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1993, 8, 151R-168R.	1.6	8
83	Atomic Spectrometry UpdateâAtomic Emission Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1994, 9, 171R-188R.	1.6	8
84	Assessment of Total Mercury (HgT) in Sediments and Biota of Indian Sundarban Wetland and Adjacent Coastal Regions. <i>Environment and Natural Resources Research</i> , 2014, 4, .	0.1	8
85	Age and growth rate estimations of the commercially fished gastropod <i>Buccinum undatum</i> . <i>ICES Journal of Marine Science</i> , 2018, 75, 2129-2144.	1.2	8
86	The capability of rare earth elements geochemistry to interpret complex archaeological stratigraphy. <i>Microchemical Journal</i> , 2019, 148, 691-701.	2.3	8
87	Discriminating nursery grounds of juvenile plaice (<i>Pleuronectes platessa</i>) in the south-eastern Irish Sea using otolith microchemistry. <i>Marine Ecology - Progress Series</i> , 2016, 546, 183-195.	0.9	8
88	Foraminifera Iodine to Calcium Ratios: Approach and Cleaning. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009811.	1.0	8
89	Time resolved system for the analysis of particles in the inductively coupled plasmaâpreliminary studies. <i>Journal of Analytical Atomic Spectrometry</i> , 1992, 7, 1099-1102.	1.6	7
90	Atomic Spectrometry UpdateâAtomic Emission Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1996, 11, 213R-238R.	1.6	7

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91	Optimisation of a current generation ICP-QMS and benchmarking against MC-ICP-MS spectrometry for the determination of lead isotope ratios in environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2184-2194.	1.6	7
92	Micro-scale geochemical and crystallographic analysis of <i>Buccinum undatum</i> statoliths supports an annual periodicity of growth ring deposition. <i>Chemical Geology</i> , 2019, 526, 153-164.	1.4	7
93	Research and Development Topics in Analytical Chemistry. <i>Analytical Proceedings</i> , 1988, 25, 58.	0.4	6
94	Chemical analysis of palaeogroundwaters: a new frontier for fluid inclusion research. <i>Journal of Geochemical Exploration</i> , 2000, 69-70, 415-418.	1.5	6
95	Use of multielement stable isotope ratios to investigate ontogenetic movements of <i>Micropogonias furnieri</i> in a tropical Brazilian estuary. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 977-986.	0.7	6
96	Evaluating tools for the spatial management of fisheries. <i>Journal of Applied Ecology</i> , 2018, 55, 2997-3004.	1.9	6
97	Analysis of stratigraphical sequences at Cocina Cave (Spain) using rare earth elements geochemistry. <i>Boreas</i> , 2021, 50, 1190-1208.	1.2	6
98	Atomic Spectrometry Update—Atomic Mass Spectrometry and X-Ray Fluorescence Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1995, 10, 253R-309R.	1.6	5
99	Biogeochemical tags in fish: predicting spatial variations in strontium and manganese in <i>Salmo trutta</i> scales using stream water geochemistry. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 422-433.	0.7	5
100	Calibration of shell $\delta^{18}O$ from the common whelk <i>Buccinum undatum</i> highlights potential for palaeoenvironmental reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109995.	1.0	4
101	Atomic Spectrometry Update—Atomic Emission Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1995, 10, 139R-153R.	1.6	3
102	Method development to characterise elephant tail hairs by LA-ICP-MS to reflect changes in elemental chemistry. <i>Environmental Geochemistry and Health</i> , 2022, , 1.	1.8	3
103	Glass Provenance along the Silk Road: The Use of Trace Element Analysis. <i>Series on Archaeology and History of Science in China</i> , 2016, , 17-42.	0.1	2
104	Geochemistry and related studies of Clyde Estuary sediments. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 269-288.	0.3	1