

# Simon R Chenery

## List of Publications by Year in descending order

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104  
papers

5,909  
citations

117625

34  
h-index

74163

75  
g-index

109  
all docs

109  
docs citations

109  
times ranked

6098  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.4	3
2	Analysis of stratigraphical sequences at Cocina Cave (Spain) using rare earth elements geochemistry. <i>Boreas</i> , 2021, 50, 1190-1208.	2.4	6
3	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.	3.9	16
4	Foraminifera Iodine to Calcium Ratios: Approach and Cleaning. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009811.	2.5	8
5	Geochemical signature of superhigh organic sulphur RaÅja 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.	3.0	9
6	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.	2.3	4
7	Seventh to eleventh century CE glass from Northern Italy: between continuity and innovation. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	12
8	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.	3.4	36
9	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.	3.5	11
10	Late Cretaceous and Cenozoic paleoceanography from north-east Atlantic ferromanganese crust microstratigraphy. <i>Marine Geology</i> , 2020, 422, 106122.	2.1	22
11	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.	5.0	21
12	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. <i>Science of the Total Environment</i> , 2019, 682, 719-728.	8.0	10
13	The capability of rare earth elements geochemistry to interpret complex archaeological stratigraphy. <i>Microchemical Journal</i> , 2019, 148, 691-701.	4.5	8
14	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.	1.3	13
15	Improving confidence in ferromanganese crust age models: A composite geochemical approach. <i>Chemical Geology</i> , 2019, 513, 108-119.	3.3	30
16	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.	3.3	7
17	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.	1.3	9
18	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.	1.4	6

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19	An archaeometric study of Hellenistic glass vessels: evidence for multiple sources. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 97-110.	1.8	25
20	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.	3.0	7
21	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.	2.5	8
22	Evaluating tools for the spatial management of fisheries. <i>Journal of Applied Ecology</i> , 2018, 55, 2997-3004.	4.0	6
23	Staloliths of the whelk <i>Buccinum undatum</i> : a novel age determination tool. <i>Marine Ecology - Progress Series</i> , 2018, 598, 261-272.	1.9	15
24	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
25	An experiment to assess the effects of diatom dissolution on oxygen isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 293-300.	1.5	13
26	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.	2.7	73
27	Kinetic study of time-dependent fixation of LVI on biochar. <i>Journal of Hazardous Materials</i> , 2016, 320, 55-66.	12.4	21
28	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.	4.5	54
29	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.	1.9	8
30	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
31	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.	2.4	30
32	Iodine status of soils, grain crops, and irrigation waters in Pakistan. <i>Environmental Earth Sciences</i> , 2015, 73, 7995-8008.	2.7	26
33	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.	1.4	5
34	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
35	A Boat Load of Vikings?. <i>Journal of the North Atlantic</i> , 2014, 7, 43-53.	0.4	29
36	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.	2.7	15

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37	Lability of Pb in soil: effects of soil properties and contaminant source. <i>Environmental Chemistry</i> , 2014, 11, 690.	1.5	26
38	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.	3.5	21
39	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
40	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.	3.9	49
41	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.	3.0	11
42	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.	3.9	42
43	Use of lead isotopes for developing chronologies in recent salt-marsh sediments. <i>Quaternary Geochronology</i> , 2012, 12, 40-49.	1.4	41
44	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.	8.0	53
45	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.	1.5	20
46	Heterogeneity, cyclicity and diagenesis in a Mississippian brachiopod shell of palaeoequatorial Britain. <i>Terra Nova</i> , 2012, 24, 16-26.	2.1	22
47	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.	8.0	32
48	Chemical signatures of the Anthropocene in the Clyde estuary, UK: sediment-hosted Pb, <sup>207/206</sup> 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.	3.4	92
49	Unusual mixed silica-carbonate deposits from magmatic hydrothermal hot springs, Savo, Solomon Islands. <i>Journal of the Geological Society</i> , 2011, 168, 1297-1310.	2.1	12
50	Northern England Serpukhovian (early Namurian) farfield responses to southern hemisphere glaciation. <i>Journal of the Geological Society</i> , 2010, 167, 1171-1184.	2.1	32
51	Storage and Behavior of As, Sb, Pb, and Cu in Ombrotrophic Peat Bogs under Contrasting Water Table Conditions. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8497-8502.	10.0	49
52	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.	1.6	48
53	The morphologies and compositions of depleted uranium particles from an environmental case-study. <i>Mineralogical Magazine</i> , 2009, 73, 495-510.	1.4	21
54	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.	2.1	46

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55	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.	8.0	26
56	The distribution of depleted uranium contamination in Colonie, NY, USA. <i>Science of the Total Environment</i> , 2009, 408, 397-407.	8.0	33
57	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.	3.0	57
58	Depleted uranium contamination by inhalation exposure and its detection after $\hat{\sim}$ 1/420 years: Implications for human health assessment. <i>Science of the Total Environment</i> , 2008, 390, 58-68.	8.0	53
59	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.	4.9	138
60	Anglo-Saxon animal husbandry techniques revealed through isotope and chemical variations in cattle teeth. <i>Applied Geochemistry</i> , 2007, 22, 1994-2005.	3.0	34
61	Nitrate production beneath a High Arctic glacier, Svalbard. <i>Chemical Geology</i> , 2007, 244, 88-102.	3.3	97
62	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.	5.0	11
63	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.	1.9	46
64	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.	1.8	82
65	The generation of prograde $\text{P}^{\text{t}}$ points and paths; a textural, compositional, and chronological study of metamorphic monazite. <i>Earth and Planetary Science Letters</i> , 2004, 228, 125-142.	4.4	140
66	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.	3.8	18
67	Movement patterns of the tropical shad hilsa ( <i>Tenulosa ilisha</i> ) inferred from transects of $^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratios in their otoliths. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003, 60, 1376-1385.	1.4	58
68	Atomic spectrometry update. Environmental analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 284-317.	3.0	27
69	A sampling and analytical methodology for dental trace element analysis. <i>Analyst, The</i> , 2002, 127, 319-323.	3.5	21
70	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
71	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.	1.6	32
72	Atomic Spectrometry Update. Environmental analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 194-235.	3.0	41

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73	Determination of element affinities by density fractionation of bulk coal samples. <i>Fuel</i> , 2001, 80, 83-96.	6.4	69
74	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.	1.5	182
75	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.	1.9	59
76	Can otolith chemistry detect the population structure of the shad hilsa <i>Tenuulosa ilisha</i> ? Comparison with the results of genetic and morphological studies. <i>Marine Ecology - Progress Series</i> , 2001, 222, 239-251.	1.9	56
77	$^{18}\text{O}/^{16}\text{O}$ 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.	1.5	28
78	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.	2.1	34
79	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.	1.3	10
80	Chemical analysis of palaeogroundwaters: a new frontier for fluid inclusion research. <i>Journal of Geochemical Exploration</i> , 2000, 69-70, 415-418.	3.2	6
81	Electron microprobe and LA-ICP-MS study of monazite hydrothermal alteration. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3283-3297.	3.9	208
82	Advances in atomic emission, absorption and fluorescence spectrometry, and related techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 763-805.	3.0	22
83	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.	3.0	13
84	Geochemical and environmental factors controlling exposure to cerium and magnesium in Uganda. <i>Journal of Geochemical Exploration</i> , 1998, 65, 1-15.	3.2	24
85	Atomic Spectrometry Update—Atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 107R.	3.0	12
86	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.	1.3	36
87	Determining Cadmium in Marine Sediments by Inductively Coupled Plasma Mass Spectrometry: Attacking the Problems or the Problems With the Attack?. <i>Analyst</i> , 1997, 122, 1207-1210.	3.5	13
88	A Compilation of New and Published Major and Trace Element Data for NIST SRM 610 and NIST SRM 612 Glass Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 1997, 21, 115-144.	3.1	2,280
89	Contrasted monazite hydrothermal alteration mechanisms and their geochemical implications. <i>Earth and Planetary Science Letters</i> , 1996, 145, 79-96.	4.4	191
90	Time-resolved signals from particles injected into the inductively coupled plasma. <i>Journal of Analytical Atomic Spectrometry</i> , 1996, 11, 53.	3.0	11

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91	Atomic Spectrometry Update—Atomic Emission Spectrometry. Journal of Analytical Atomic Spectrometry, 1996, 11, 213R-238R.	3.0	7
92	Determination of the three-dimensional distributions of precious metals in sulphide minerals by laser ablation microprobe-inductively coupled plasma-mass spectrometry (LAMP-ICP-MS). Chemical Geology, 1995, 124, 55-65.	3.3	35
93	Laser ablation ICP-MS elemental analysis of individual fluid inclusions: An evaluation study. Geochimica Et Cosmochimica Acta, 1995, 59, 3997-4007.	3.9	83
94	Atomic Spectrometry Update—Atomic Emission Spectrometry. Journal of Analytical Atomic Spectrometry, 1995, 10, 139R-153R.	3.0	3
95	Atomic Spectrometry Update—Atomic Mass Spectrometry and X-Ray Fluorescence Spectrometry. Journal of Analytical Atomic Spectrometry, 1995, 10, 253R-309R.	3.0	5
96	Atomic Spectrometry Update—Atomic Emission Spectrometry. Journal of Analytical Atomic Spectrometry, 1994, 9, 171R-188R.	3.0	8
97	Determination of rare earth elements in single mineral grains by laser ablation microprobe—inductively coupled plasma mass spectrometry—preliminary study. Journal of Analytical Atomic Spectrometry, 1993, 8, 299-303.	3.0	91
98	Atomic Spectrometry Update—Atomic Emission Spectrometry. Journal of Analytical Atomic Spectrometry, 1993, 8, 151R-168R.	3.0	8
99	Laser ablation of minerals and chemical differentiation of the ejecta. Journal of Analytical Atomic Spectrometry, 1992, 7, 647.	3.0	41
100	Time resolved system for the analysis of particles in the inductively coupled plasma—preliminary studies. Journal of Analytical Atomic Spectrometry, 1992, 7, 1099-1102.	3.0	7
101	Nature of particulate matter produced by laser ablation—implications for tandem analytical systems. Journal of Analytical Atomic Spectrometry, 1990, 5, 49-55.	3.0	65
102	Calibration studies in laser ablation microprobe-inductively coupled plasma atomic emission spectrometry. Journal of Analytical Atomic Spectrometry, 1989, 4, 11.	3.0	84
103	Research and Development Topics in Analytical Chemistry. Analytical Proceedings, 1988, 25, 58.	0.4	6
104	Communications. Serial single particle analysis by atomic spectrometry after remote laser ablation. Journal of Analytical Atomic Spectrometry, 1988, 3, 1133.	3.0	12