

Leon J Clarke

List of Publications by Year in descending order

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31
papers

1,814
citations

394421

19
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal variability of nitrogen dioxide (NO ₂) pollution in Manchester (UK) city centre (2017–2018) using a fine spatial scale single-NO _x diffusion tube network. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3907-3927.	3.4	10
2	Rapid SABRE Catalyst Scavenging Using Functionalized Silicas. <i>Molecules</i> , 2022, 27, 332.	3.8	5
3	Distinguishing atmospheric nitrogen compounds (nitrate and ammonium) in lichen biomonitoring studies. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 2021-2036.	3.5	1
4	Use of multi-criteria decision analysis to identify potentially dangerous glacial lakes. <i>Science of the Total Environment</i> , 2018, 621, 1453-1466.	8.0	45
5	The importance of animal baselines: Using isotope analysis to compare diet in a British medieval hospital and lay population. <i>Journal of Archaeological Science: Reports</i> , 2018, 17, 103-110.	0.5	5
6	Modelling glacial lake outburst flood impacts in the Bolivian Andes. <i>Natural Hazards</i> , 2018, 94, 1415-1438.	3.4	38
7	Mg/Ca profiles within archaeological mollusc (<i>Patella vulgata</i>) shells: Laser-Induced Breakdown Spectroscopy compared to Inductively Coupled Plasma-Optical Emission Spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 148, 8-15.	2.9	14
8	Reprint of "Shell oxygen isotope values and sclerochronology of the limpet <i>Patella vulgata</i> Linnaeus 1758 from northern Iberia: Implications for the reconstruction of past seawater temperatures". <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 484, 48-61.	2.3	5
9	Shell oxygen isotope values and sclerochronology of the limpet <i>Patella vulgata</i> Linnaeus 1758 from northern Iberia: Implications for the reconstruction of past seawater temperatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 475, 162-175.	2.3	17
10	A key to the past? Element ratios as environmental proxies in two Arctic bivalves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 316-332.	2.3	20
11	Long-term Late Cretaceous oxygen- and carbon-isotope trends and planktonic foraminiferal turnover: A new record from the southern midlatitudes. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1725-1735.	3.3	42
12	Carbon and nitrogen stable isotope values in freshwater, brackish and marine fish bone collagen from Mesolithic and Neolithic sites in central and northern Europe. <i>Environmental Archaeology</i> , 2016, 21, 105-118.	1.2	40
13	Manganese in the shell of the bivalve <i>Mytilus edulis</i> : Seawater Mn or physiological control?. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 266-278.	3.9	18
14	Decoding the oxygen isotope signal for seasonal growth patterns in Arctic bivalves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 263-283.	2.3	22
15	Sea-level reconstruction for Turonian sediments from Tanzania based on integration of sedimentology, microfacies, geochemistry and micropaleontology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 528-564.	2.3	17
16	Tracing the dynamic life story of a Bronze Age Female. <i>Scientific Reports</i> , 2015, 5, 10431.	3.3	112
17	Earliest evidence for the use of pottery. <i>Nature</i> , 2013, 496, 351-354.	27.8	253
18	Weaning at Anglo-Saxon round: Implications for changing breastfeeding practice in Britain over two millennia. <i>American Journal of Physical Anthropology</i> , 2013, 151, 604-612.	2.1	38

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19	The potential of combined Mg/Ca and $\delta^{18}\text{O}$ measurements within the shell of the bivalve <i>Pecten maximus</i> to estimate seawater $\delta^{18}\text{O}$ composition. <i>Chemical Geology</i> , 2012, 291, 286-293.	3.3	32
20	Ion microprobe assessment of the heterogeneity of Mg/Ca, Sr/Ca and Mn/Ca ratios in <i>Pecten maximus</i> and <i>Mytilus edulis</i> (bivalvia) shell calcite precipitated at constant temperature. <i>Biogeosciences</i> , 2009, 6, 1209-1227.	3.3	43
21	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	168
22	Mg in aragonitic bivalve shells: Seasonal variations and mode of incorporation in <i>Arctica islandica</i> . <i>Chemical Geology</i> , 2008, 254, 113-119.	3.3	70
23	Mid-Cretaceous oceanic anoxic events in the Pacific Ocean revealed by carbon-isotope stratigraphy of the Calera Limestone, California, USA. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 1416-1426.	3.3	40
24	Inter- and intra-specimen variability masks reliable temperature control on shell Mg/Ca ratios in laboratory- and field-cultured <i>Mytilus edulis</i> and <i>Pecten maximus</i> (bivalvia). <i>Biogeosciences</i> , 2008, 5, 1245-1258.	3.3	46
25	Environmental and biological controls on elemental (Mg/Ca, Sr/Ca and Mn/Ca) ratios in shells of the king scallop <i>Pecten maximus</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 5119-5133.	3.9	144
26	Mg/Ca, Sr/Ca, and stable-isotope ($\delta^{18}\text{O}$ and $\delta^{13}\text{C}$) ratio profiles from the fan mussel <i>Pinna nobilis</i> : Seasonal records and temperature relationships. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	87
27	Trace elements in coal derived liquids: analysis by ICP-MS and Mössbauer spectroscopy. <i>Fuel</i> , 2000, 79, 57-67.	6.4	22
28	An assessment of calibration strategies for the quantitative and semi-quantitative analysis of calcium carbonate matrices by laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 1001-1008.	3.0	61
29	New oxygen isotope evidence for long-term Cretaceous climatic change in the Southern Hemisphere. <i>Geology</i> , 1999, 27, 699.	4.4	345
30	Isotopic evidence for palaeotemperatures and depth stratification of Middle Cretaceous planktonic foraminifera from the Pacific Ocean. <i>Geological Magazine</i> , 1998, 135, 183-191.	1.5	53
31	Le Crétacé-Paléogène du Blake Nose (marge atlantique de la Floride, campagne ODP 171 B): un enregistrement exemplaire de la transition Maastrichtien-Danien. <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1997, 325, 499-504.	0.2	1