

# Christopher H Vane

## List of Publications by Year in descending order

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126  
papers

4,348  
citations

81743

39  
h-index

149479

56  
g-index

129  
all docs

129  
docs citations

129  
times ranked

5042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycyclic aromatic hydrocarbons (PAH) and polychlorinated biphenyls (PCB) in urban soils of Greater London, UK. <i>Applied Geochemistry</i> , 2014, 51, 303-314.	1.4	174
2	Polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in sediments from the Mersey Estuary, U.K.. <i>Science of the Total Environment</i> , 2007, 374, 112-126.	3.9	131
3	Drivers of Holocene sea-level change in the Caribbean. <i>Quaternary Science Reviews</i> , 2017, 155, 13-36.	1.4	124
4	Organic and metal contamination in surface mangrove sediments of South China. <i>Marine Pollution Bulletin</i> , 2009, 58, 134-144.	2.3	120
5	Impacts of conversion of tropical peat swamp forest to oil palm plantation on peat organic chemistry, physical properties and carbon stocks. <i>Geoderma</i> , 2017, 289, 36-45.	2.3	104
6	Chemical signatures of the Anthropocene in the Clyde estuary, UK: sediment-hosted Pb, <sup>207</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.	1.6	92
7	Sea-level change during the last 2500 years in New Jersey, USA. <i>Quaternary Science Reviews</i> , 2013, 81, 90-104.	1.4	84
8	Partitioning, bioavailability and effects of oestrogens and xeno-oestrogens in the aquatic environment. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1-31.	0.4	81
9	Hydropyrolysis as a new tool for radiocarbon pre-treatment and the quantification of black carbon. <i>Quaternary Geochronology</i> , 2009, 4, 140-147.	0.6	79
10	Degradation of Lignin in Wheat Straw during Growth of the Oyster Mushroom ( <i>Pleurotus ostreatus</i> ) Using Off-line Thermochemolysis with Tetramethylammonium Hydroxide and Solid-State <sup>13</sup> C NMR. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2709-2716.	2.4	78
11	Marine and terrestrial environmental changes in NW Europe preceding carbon release at the Paleocene–Eocene transition. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 108-120.	1.8	74
12	Understanding past climatic and hydrological variability in the Mediterranean from Lake Prespa sediment isotope and geochemical record over the Last Glacial cycle. <i>Quaternary Science Reviews</i> , 2013, 66, 123-136.	1.4	73
13	Comparison of Batch Mode and Dynamic Physiologically Based Bioaccessibility Tests for PAHs in Soil Samples. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2654-2660.	4.6	70
14	Relative sea-level change in Connecticut (USA) during the last 2200 yrs. <i>Earth and Planetary Science Letters</i> , 2015, 428, 217-229.	1.8	70
15	The molecular composition of lignin in spruce decayed by white-rot fungi ( <i>Phanerochaete</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 tetramethylammonium hydroxide. <i>International Biodeterioration and Biodegradation</i> , 2003, 51, 67-75.	1.9	67
16	Sedimentary and foraminiferal evidence of the 2011 Tōhoku-oki tsunami on the Sendai coastal plain, Japan. <i>Sedimentary Geology</i> , 2012, 282, 78-89.	1.0	64
17	Assessing $\delta^{13}\text{C}$ and C/N ratios from organic material in archived cores as Holocene sea level and palaeoenvironmental indicators in the Humber Estuary, UK. <i>Marine Geology</i> , 2007, 244, 109-128.	0.9	63
18	Coastal subsidence in Oregon, USA, during the giant Cascadia earthquake of AD 1700. <i>Quaternary Science Reviews</i> , 2011, 30, 364-376.	1.4	63

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19	Bark decay by the white-rot fungus <i>Lentinula edodes</i> : Polysaccharide loss, lignin resistance and the unmasking of suberin. <i>International Biodeterioration and Biodegradation</i> , 2006, 57, 14-23.	1.9	61
20	Methods for estimating types of soil organic carbon and their application to surveys of UK urban areas. <i>Soil Use and Management</i> , 2008, 24, 47-59.	2.6	60
21	Shale gas reserve evaluation by laboratory pyrolysis and gas holding capacity consistent with field data. <i>Nature Communications</i> , 2019, 10, 3659.	5.8	58
22	Sedimentary records of sewage pollution using faecal markers in contrasting peri-urban shallow lakes. <i>Science of the Total Environment</i> , 2010, 409, 345-356.	3.9	57
23	The effect of fungal decay ( <i>Agaricus bisporus</i> ) on wheat straw lignin using pyrolysis-GC-MS in the presence of tetramethylammonium hydroxide (TMAH). <i>Journal of Analytical and Applied Pyrolysis</i> , 2001, 60, 69-78.	2.6	56
24	Biodegradation of Oak ( <i>Quercus alba</i> ) Wood during Growth of the Shiitake Mushroom ( <i>Lentinula</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.4	54
25	Quantitative vertical zonation of salt-marsh foraminifera for reconstructing former sea level; an example from New Jersey, USA.. <i>Quaternary Science Reviews</i> , 2012, 54, 26-39.	1.4	50
26	Trapping hydropyrolysates on silica and their subsequent thermal desorption to facilitate rapid fingerprinting by GC-MS. <i>Organic Geochemistry</i> , 2004, 35, 73-89.	0.9	49
27	Does litter input determine carbon storage and peat organic chemistry in tropical peatlands?. <i>Geoderma</i> , 2018, 326, 76-87.	2.3	48
28	Increasing polybrominated diphenyl ether (PBDE) contamination in sediment cores from the inner Clyde Estuary, UK. <i>Environmental Geochemistry and Health</i> , 2010, 32, 13-21.	1.8	46
29	Penultimate predecessors of the 2004 Indian Ocean tsunami in Aceh, Sumatra: Stratigraphic, archeological, and historical evidence. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 308-325.	1.4	45
30	Application of stable carbon isotopes for reconstructing salt-marsh floral zones and relative sea level, New Jersey, USA. <i>Journal of Quaternary Science</i> , 2012, 27, 404-414.	1.1	43
31	Sedimentary transport and fate of polycyclic aromatic hydrocarbons (PAH) from managed burning of moorland vegetation on a blanket peat, South Yorkshire, UK. <i>Science of the Total Environment</i> , 2013, 449, 81-94.	3.9	43
32	Modern foraminifera, $\delta^{13}C$ , and bulk geochemistry of central Oregon tidal marshes and their application in paleoseismology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 377, 13-27.	1.0	43
33	A high-resolution Late Glacial to Holocene record of environmental change in the Mediterranean from Lake Ohrid (Macedonia/Albania). <i>International Journal of Earth Sciences</i> , 2015, 104, 1623-1638.	0.9	43
34	From peat swamp forest to oil palm plantations: The stability of tropical peatland carbon. <i>Geoderma</i> , 2019, 342, 109-117.	2.3	43
35	Tsunami recurrence in the eastern Alaska-Aleutian arc: A Holocene stratigraphic record from Chirikof Island, Alaska. , 2015, 11, 1172-1203.		42
36	Use of lead isotopes for developing chronologies in recent salt-marsh sediments. <i>Quaternary Geochronology</i> , 2012, 12, 40-49.	0.6	41

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37	Late Holocene sea- and land-level change on the U.S. southeastern Atlantic coast. <i>Marine Geology</i> , 2014, 357, 90-100.	0.9	41
38	Geochemistry and petrology of palaeocene coals from Spitzbergen – Part 2: Maturity variations and implications for local and regional burial models. <i>International Journal of Coal Geology</i> , 2015, 143, 1-10.	1.9	41
39	Decay of cultivated apricot wood ( <i>Prunus armeniaca</i> ) by the ascomycete <i>Hypocrea sulphurea</i> , using solid state <sup>13</sup> C NMR and off-line TMAH thermochemolysis with GC-MS. <i>International Biodeterioration and Biodegradation</i> , 2005, 55, 175-185.	1.9	40
40	Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations. <i>Journal of Forensic Sciences</i> , 2006, 51, 832-845.	0.9	40
41	Status of organic pollutants in surface sediments of Barnegat Bay-Little Egg Harbor Estuary, New Jersey, USA. <i>Marine Pollution Bulletin</i> , 2008, 56, 1802-1808.	2.3	40
42	Testing the use of microfossils to reconstruct great earthquakes at Cascadia. <i>Geology</i> , 2013, 41, 1067-1070.	2.0	40
43	Spatial variability of organic matter properties determines methane fluxes in a tropical forested peatland. <i>Biogeochemistry</i> , 2019, 142, 231-245.	1.7	40
44	PAH, PCB, TPH and mercury in surface sediments of the Delaware River Estuary and Delmarva Peninsula, USA. <i>Marine Pollution Bulletin</i> , 2018, 129, 835-845.	2.3	39
45	A further source of Tokyo earthquakes and Pacific Ocean tsunamis. <i>Nature Geoscience</i> , 2021, 14, 796-800.	5.4	39
46	Assessment of polyaromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in surface sediments of the Inner Clyde Estuary, UK. <i>Marine Pollution Bulletin</i> , 2007, 54, 1301-1306.	2.3	37
47	Palaeoecological and possible evolutionary effects of early Namurian (Serpukhovian, Carboniferous) glacioeustatic cyclicity. <i>Journal of the Geological Society</i> , 2008, 165, 993-1005.	0.9	37
48	Relative sea-level trends in New York City during the past 1500 years. <i>Holocene</i> , 2017, 27, 1169-1186.	0.9	36
49	Legacy PBDEs and NBRs in sediments of the tidal River Thames using liquid chromatography coupled to a high resolution accurate mass Orbitrap mass spectrometer. <i>Science of the Total Environment</i> , 2019, 658, 1355-1366.	3.9	36
50	Effects of drying and comminution type on the quantification of Polycyclic Aromatic Hydrocarbons (PAH) in a homogenised gasworks soil and the implications for human health risk assessment. <i>Chemosphere</i> , 2014, 111, 396-404.	4.2	33
51	Impact of high water pressure on oil generation and maturation in Kimmeridge Clay and Monterey source rocks: Implications for petroleum retention and gas generation in shale gas systems. <i>Marine and Petroleum Geology</i> , 2016, 73, 72-85.	1.5	33
52	The closed system pyrolysis of <sup>12</sup> O-4 lignin substructure model compounds. <i>Organic Geochemistry</i> , 2002, 33, 1523-1531.	0.9	32
53	Mercury contamination in surface sediments and sediment cores of the Mersey Estuary, UK. <i>Marine Pollution Bulletin</i> , 2009, 58, 940-946.	2.3	31
54	The prospectivity of a potential shale gas play: An example from the southern Pennine Basin (central) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.5	31

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55	Exploring mechanisms of compaction in salt-marsh sediments using Common Era relative sea-level reconstructions. <i>Quaternary Science Reviews</i> , 2017, 167, 96-111.	1.4	31
56	Investigating the record of Permian climate change from argillaceous sedimentary rocks, Oman. <i>Journal of the Geological Society</i> , 2005, 162, 641-651.	0.9	30
57	ANNUAL AND SEASONAL DISTRIBUTION OF INTERTIDAL FORAMINIFERA AND STABLE CARBON ISOTOPE GEOCHEMISTRY, BANDON MARSH, OREGON, USA. <i>Journal of Foraminiferal Research</i> , 2015, 45, 146-155.	0.1	29
58	Petroleomic depth profiling of Staten Island salt marsh soil: 2‰ detection FTICR MS offers a new solution for the analysis of environmental contaminants. <i>Science of the Total Environment</i> , 2019, 662, 852-862.	3.9	29
59	Bioaccumulation surveillance in Milford Haven Waterway. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 289-311.	1.3	28
60	Proxies for land plant biomass: closed system pyrolysis of some methoxyphenols. <i>Organic Geochemistry</i> , 1999, 30, 1535-1541.	0.9	27
61	The application of $\delta^{13}C$ , TOC and C/N geochemistry to reconstruct Holocene relative sea levels and paleoenvironments in the Thames Estuary, UK. <i>Journal of Quaternary Science</i> , 2015, 30, 417-433.	1.1	27
62	SHALES GAS POTENTIAL OF THE MID-CARBONIFEROUS BOWLAND HODDER UNIT IN THE CLEVELAND BASIN (YORKSHIRE), CENTRAL BRITAIN. <i>Journal of Petroleum Geology</i> , 2015, 38, 59-75.	0.9	27
63	Tracking sedimentation from the historic A.D. 2011 Mississippi River flood in the deltaic wetlands of Louisiana, USA. <i>Geology</i> , 2013, 41, 391-394.	2.0	26
64	Application of catalytic hydrolysis for the rapid preparation of lignin concentrates from wood. <i>Organic Geochemistry</i> , 2004, 35, 61-72.	0.9	25
65	Long-term Holocene groundwater fluctuations in a chalk catchment: evidence from Rock-Eval pyrolysis of riparian peats. <i>Hydrological Processes</i> , 2016, 30, 4556-4567.	1.1	25
66	Stratigraphic record of Holocene coseismic subsidence, Padang, West Sumatra. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	24
67	Storm erosion during the past 2000 years along the north shore of Delaware Bay, USA. <i>Geomorphology</i> , 2014, 208, 160-172.	1.1	24
68	Carboniferous petroleum systems around the Mid North Sea High, UK. <i>Marine and Petroleum Geology</i> , 2017, 88, 282-302.	1.5	24
69	The last forests on Antarctica: Reconstructing flora and temperature from the Neogene Sirius Group, Transantarctic Mountains. <i>Organic Geochemistry</i> , 2018, 118, 4-14.	0.9	24
70	Degradation of mangrove tissues by arboreal termites ( <i>Nasutitermes acajutlae</i> ) and their role in the mangrove C cycle (Puerto Rico): Chemical characterization and organic matter provenance using bulk $\delta^{13}C$ , C/N, alkaline CuO oxidation GC/MS, and solid-state $^{13}C$ NMR. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3176-3191.	1.0	23
71	An overview of research and development themes in the measurement and occurrences of polyaromatic hydrocarbons in dusts and particulates. <i>Journal of Hazardous Materials</i> , 2018, 360, 373-390.	6.5	23
72	Kerogen nanoscale structure and CO <sub>2</sub> adsorption in shale micropores. <i>Scientific Reports</i> , 2021, 11, 3920.	1.6	23

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73	Origin and implications of early diagenetic quartz in the Mississippian Bowland Shale Formation, Craven Basin, UK. <i>Marine and Petroleum Geology</i> , 2020, 120, 104567.	1.5	22
74	Long-term zero-tillage enhances the protection of soil carbon in tropical agriculture. <i>European Journal of Soil Science</i> , 2021, 72, 2477-2492.	1.8	22
75	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
76	Evidence of adipocere in a burial pit from the foot and mouth epidemic of 1967 using gas chromatography-mass spectrometry. <i>Forensic Science International</i> , 2005, 154, 19-23.	1.3	20
77	Tepexpan Palaeoindian site, Basin of Mexico: multi-proxy evidence for environmental change during the late Pleistocene-late Holocene. <i>Quaternary Science Reviews</i> , 2009, 28, 2000-2016.	1.4	20
78	Significance of sedimentary organic matter input for shale gas generation potential of Mississippian Mudstones, Widmerpool Gulf, UK. <i>Review of Palaeobotany and Palynology</i> , 2016, 224, 146-168.	0.8	20
79	Controls on amorphous organic matter type and sulphurization in a Mississippian black shale. <i>Review of Palaeobotany and Palynology</i> , 2019, 268, 1-18.	0.8	20
80	From marine bands to hybrid flows: Sedimentology of a Mississippian black shale. <i>Sedimentology</i> , 2020, 67, 261-304.	1.6	20
81	Signatures of tetraether lipids reveal anthropogenic overprinting of natural organic matter in sediments of the Thames Estuary, UK. <i>Organic Geochemistry</i> , 2016, 93, 68-76.	0.9	19
82	Grain size and organic carbon controls polyaromatic hydrocarbons (PAH), mercury (Hg) and toxicity of surface sediments in the River Conwy Estuary, Wales, UK. <i>Marine Pollution Bulletin</i> , 2020, 158, 111412.	2.3	19
83	The distribution and utility of sea-level indicators in Eurasian sub-Arctic salt marshes (White Sea, Russia). <i>Journal of Quaternary Science</i> , 2018, 33, 1-18.	1.2	18
84	Developing a methodology for carbon isotope analysis of lacustrine diatoms. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1567-1574.	0.7	17
85	Coastal wetland ecosystems deliver large carbon stocks in tropical Mexico. <i>Geoderma</i> , 2021, 403, 115173.	2.3	17
86	Palaeolimnology of Palaeozoic lakes, focussing on a single lake cycle in the Middle Devonian of the Orcadian Basin, Scotland. <i>Earth-Science Reviews</i> , 2006, 75, 177-197.	4.0	16
87	Root oxygen mitigates methane fluxes in tropical peatlands. <i>Environmental Research Letters</i> , 2020, 15, 064013.	2.2	16
88	Lithological and chemostratigraphic discrimination of facies within the Bowland Shale Formation within the Craven and Edale basins, UK. <i>Petroleum Geoscience</i> , 2020, 26, 325-345.	0.9	16
89	Peat Properties, Dominant Vegetation Type and Microbial Community Structure in a Tropical Peatland. <i>Wetlands</i> , 2020, 40, 1367-1377.	0.7	16
90	Monitoring Decay of Black Gum Wood ( <i>Nyssa Sylvatica</i> ) during Growth of the Shiitake Mushroom ( <i>Lentinula edodes</i> ) Using Diffuse Reflectance Infrared Spectroscopy. <i>Applied Spectroscopy</i> , 2003, 57, 514-517.	1.2	15

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91	Fluvial response to Late Pleistocene and Holocene environmental change in a Thames chalkland headwater: the Lambourn of southern England. <i>Proceedings of the Geologists Association</i> , 2015, 126, 683-697.	0.6	15
92	The application of $\delta^{13}\text{C}$ , TOC and C/N geochemistry of mangrove sediments to reconstruct Holocene paleoenvironments and relative sea levels, Puerto Rico. <i>Marine Geology</i> , 2019, 415, 105963.	0.9	15
93	The Assessment of Organic Matter Young's Modulus Distribution With Depositional Environment and Maturity. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020435.	1.4	15
94	Comparison of the impact of moisture on methane adsorption and nanoporosity for over mature shales and their kerogens. <i>International Journal of Coal Geology</i> , 2021, 237, 103705.	1.9	14
95	Testing the Utility of Geochemical Proxies to Reconstruct Holocene Coastal Environments and Relative Sea Level: A Case Study from Hungry Bay, Bermuda. <i>Open Quaternary</i> , 2019, 5, .	0.5	14
96	Stream and slope weathering effects on organic-rich mudstone geochemistry and implications for hydrocarbon source rock assessment: A Bowland Shale case study. <i>Chemical Geology</i> , 2017, 471, 74-91.	1.4	13
97	Attenuation of TNT in seawater microcosms. <i>Water Science and Technology</i> , 2010, 61, 2531-2538.	1.2	12
98	Persistent organic pollutants (PAH, PCB, TPH) in freshwater, urban tributary and estuarine surface sediments of the River Clyde, Scotland, UK. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 299-313.	0.3	12
99	Assessing human impact on Rostherne Mere, UK, using the geochemistry of organic matter. <i>Anthropocene</i> , 2018, 21, 52-65.	1.6	12
100	Tracking Holocene palaeostratification and productivity changes in the Western Irish Sea: A multi-proxy record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 532, 109231.	1.0	12
101	Rise and fall of mercury (Hg) pollution in sediment cores of the Thames Estuary, London, UK. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2014, 105, 285-296.	0.3	11
102	Measurement and modelling of the ingestion bioaccessibility of polyaromatic hydrocarbons in soils. <i>Environmental Technology and Innovation</i> , 2015, 3, 35-45.	3.0	11
103	A Mississippian black shale record of redox oscillation in the Craven Basin, UK. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109423.	1.0	11
104	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
105	Improving spatial predictability of petroleum resources within the Central Tertiary Basin, Spitsbergen: A geochemical and petrographic study of coals from the eastern and western coalfields. <i>International Journal of Coal Geology</i> , 2017, 179, 278-294.	1.9	10
106	Distribution and speciation of phosphorus in foreshore sediments of the Thames estuary, UK. <i>Marine Pollution Bulletin</i> , 2018, 127, 182-197.	2.3	9
107	Contrasting sewage, emerging and persistent organic pollutants in sediment cores from the River Thames estuary, London, England, UK. <i>Marine Pollution Bulletin</i> , 2022, 175, 113340.	2.3	9
108	The Bowland Shale in the Rosecote Borehole of the Lancaster Fells sub-Basin, Craven Basin, UK: a Potential UK Shale gas Play?. , 2014, , .		8



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109	Polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in urban soils of Glasgow, UK. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 231-247.	0.3	8
110	Linking land and lake: Using novel geochemical techniques to understand biological response to environmental change. <i>Quaternary Science Reviews</i> , 2018, 202, 122-138.	1.4	7
111	Persistent Organic Pollutants in Urban Soils of Central of London, England, UK: Measurement and Spatial Modelling of Black Carbon (BC), Petroleum Hydrocarbons (TPH), Polycyclic Aromatic Hydrocarbons (PAH) and Polychlorinated Biphenyls (PCB). <i>Advances in Environmental and Engineering Research</i> , 2021, 02, 1-1.	0.3	7
112	Earlyâ€“Mid Pleistocene environments in the Valsequillo Basin, Central Mexico: a reassessment. <i>Journal of Quaternary Science</i> , 2016, 31, 325-336.	1.1	6
113	Disentangling Diagenesis From the Rock Record: An Example From the Permoâ€“Triassic Wordie Creek Formation, East Greenland. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 99-113.	1.0	6
114	Fecal steroids as a potential tool for conservation paleobiology in East Africa. <i>Biodiversity and Conservation</i> , 2022, 31, 183-209.	1.2	6
115	An overlooked play? Structure, stratigraphy and hydrocarbon prospectivity of the Carboniferous in the East Irish Seaâ€“North Channel basin complex. <i>Geological Society Special Publication</i> , 2019, 471, 281-316.	0.8	5
116	Evaluation of errors associated with $\delta^{13}\text{C}$ analysis of lignin-derived TMAH thermochemolysis products by gas chromatographyâ€“combustionâ€“isotope ratio mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2006, 76, 88-95.	2.6	4
117	Carbon isotope alteration during the thermal maturation of nonâ€“flowering plant species representative of those found within the geological record. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 21-26.	0.7	3
118	Mercury, n-alkane and unresolved complex mixture hydrocarbon pollution in surface sediment across the ruralâ€“urbanâ€“estuarine continuum of the River Clyde, Scotland, UK. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 315-326.	0.3	3
119	Cellular preservation and maceral development in lignite and wood from the Brassington Formation (Miocene), Derbyshire, UK. <i>International Journal of Coal Geology</i> , 2020, 222, 103452.	1.9	3
120	Soil-sebum partition coefficients for high molecular weight polycyclic aromatic hydrocarbons (HMW-PAH). <i>Journal of Hazardous Materials</i> , 2020, 398, 122633.	6.5	3
121	The effect of oil extraction on porosity and methane adsorption for dry and moisture-equilibrated shales. <i>Fuel</i> , 2022, 316, 123304.	3.4	3
122	Tracking natural organic carbon in the River Clyde, UK, using glycerol dialkyl glycerol tetraethers. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 289-298.	0.3	2
123	Molecular and bulk geochemical proxies in sediments from the Conwy Estuary, UK. <i>Organic Geochemistry</i> , 2020, 150, 104119.	0.9	2
124	Ambrein: a minor, but common constituent of mammalian faeces?. <i>Natural Product Research</i> , 2021, 35, 4843-4848.	1.0	2
125	Molecular Characterisation of Dissolved Organic Matter (DOM) in Groundwaters from the Å„spÅ† Underground Research Laboratory, Sweden: A Novel â€œFinger Printing Tool for Palaeohydrological Assessment. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1107, 1.	0.1	1
126	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