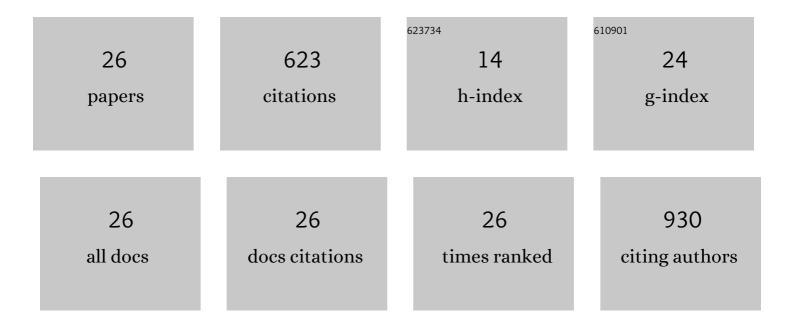
Martin R Palmer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	80
2	The Effects on Bronchial Epithelial Mucociliary Cultures of Coarse, Fine, and Ultrafine Particulate Matter From an Underground Railway Station. Toxicological Sciences, 2015, 145, 98-107.	3.1	64
3	Petrogenesis of the Neogene volcanic units in the NE–SW-trending basins in western Anatolia, Turkey. Contributions To Mineralogy and Petrology, 2012, 163, 379-401.	3.1	58
4	Magnetite dissolution in siliceous sediments. Geochemistry, Geophysics, Geosystems, 2003, 4, .	2.5	56
5	The role of tephra in enhancing organic carbon preservation in marine sediments. Earth-Science Reviews, 2019, 192, 480-490.	9.1	47
6	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. Nature Geoscience, 2021, 14, 690-696.	12.9	40
7	The relationship between eruptive activity, flank collapse, and sea level at volcanic islands: A longâ€ŧerm (>1 Ma) record offshore Montserrat, Lesser Antilles. Geochemistry, Geophysics, Geosystems, 2016, 17, 2591-2611.	2.5	31
8	The weathering and element fluxes from active volcanoes to the oceans: a Montserrat case study. Bulletin of Volcanology, 2011, 73, 207-222.	3.0	26
9	Chemical and boron isotopic compositions of tourmaline at the Dachang Sn-polymetallic ore district in South China: Constraints on the origin and evolution of hydrothermal fluids. Mineralium Deposita, 2021, 56, 1589-1608.	4.1	26
10	Late Pleistocene stratigraphy of IODP Site U1396 and compiled chronology offshore of south and south west Montserrat, Lesser Antilles. Geochemistry, Geophysics, Geosystems, 2014, 15, 3000-3020.	2.5	23
11	Magmatic-Hydrothermal Mineralization Processes at the Yidong Tin Deposit, South China: Insights from In Situ Chemical and Boron Isotope Changes of Tourmaline. Economic Geology, 2021, 116, 1625-1647.	3.8	21
12	The effect of matrix interferences on <i>in situ</i> boron isotope analysis by laser ablation multiâ€collector inductively coupled plasma mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 959-968.	1.5	19
13	Permeability and pressure measurements in Lesser Antilles submarine slides: Evidence for pressureâ€driven slowâ€slip failure. Journal of Geophysical Research: Solid Earth, 2015, 120, 7986-8011.	3.4	16
14	Varied contribution of the Southern Ocean to deglacial atmospheric CO2 rise. Nature Geoscience, 2019, 12, 1006-1011.	12.9	15
15	REE and Sr isotope characteristics of carbonate within the Cu–Co mineralized sedimentary sequence of the Nchanga Mine, Zambian Copperbelt. Mineralium Deposita, 2009, 44, 881-891.	4.1	14
16	Boron Isotope Analysis of Geological Materials. Advances in Isotope Geochemistry, 2018, , 13-31.	1.4	14
17	Marine diagenesis of tephra aided the Palaeocene-Eocene Thermal Maximum termination. Earth and Planetary Science Letters, 2021, 571, 117101.	4.4	13
18	Tephra Deposition and Bonding With Reactive Oxides Enhances Burial of Organic Carbon in the Bering Sea. Global Biogeochemical Cycles, 2021, 35, .	4.9	13

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#	Article	IF	CITATIONS
19	Timing and tectonic setting of tin mineralization in southern Myanmar: constraints from cassiterite and wolframite U–Pb ages. Mineralium Deposita, 2022, 57, 977-999.	4.1	12
20	Damage mechanisms at the cement-implant interface of polished cemented femoral stems. , 2017, 105, 2027-2033.		9
21	Transient mobilization of subcrustal carbon coincident with Palaeocene–Eocene Thermal Maximum. Nature Geoscience, 2022, 15, 573-579.	12.9	8
22	40Ar/39Ar geochronology, geochemistry and petrology of volcanic rocks from the Simav Graben, western Turkey. Contributions To Mineralogy and Petrology, 2015, 170, 1.	3.1	6
23	Nature-Inspired and Sustainable Synthesis of Sulfur-Bearing Fe-Rich Nanoparticles. ACS Sustainable Chemistry and Engineering, 2020, 8, 15791-15808.	6.7	6
24	<scp>I</scp> nvestigation of nanoâ€sized debris released from CoCrMo secondary interfaces in total hip replacements: <scp>D</scp> igestion of the flakes. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 424-434.	3.4	3
25	Post-volcanic activities in the Early Miocene Kırka-Phrigian caldera, western Anatolia – caldera basin filling and borate mineralization processes. International Geology Review, 2021, 63, 1719-1736.	2.1	3
26	A comparative study on the physicochemical characteristics of nanoparticles released in vivo from <scp>CoCrMo</scp> tapers and cement–stem interfaces of total hip replacements. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 3311-3322.	3.4	0