

Martin R Palmer

List of Publications by Year in descending order

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26
papers

623
citations

623734

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26
all docs

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docs citations

26
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. <i>Geochemistry, Geophysics, Geosystems</i> , 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. <i>Toxicological Sciences</i> , 2015, 145, 98-107.	3.1	64
3	Petrogenesis of the Neogene volcanic units in the NE-SW-trending basins in western Anatolia, Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 379-401.	3.1	58
4	Magnetite dissolution in siliceous sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	56
5	The role of tephra in enhancing organic carbon preservation in marine sediments. <i>Earth-Science Reviews</i> , 2019, 192, 480-490.	9.1	47
6	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. <i>Nature Geoscience</i> , 2021, 14, 690-696.	12.9	40
7	The relationship between eruptive activity, flank collapse, and sea level at volcanic islands: A long-term (>1 Ma) record offshore Montserrat, Lesser Antilles. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2591-2611.	2.5	31
8	The weathering and element fluxes from active volcanoes to the oceans: a Montserrat case study. <i>Bulletin of Volcanology</i> , 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. <i>Mineralium Deposita</i> , 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. <i>Geochemistry, Geophysics, Geosystems</i> , 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. <i>Economic Geology</i> , 2021, 116, 1625-1647.	3.8	21
12	The effect of matrix interferences on <i>in situ</i> boron isotope analysis by laser ablation multi-collector inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 959-968.	1.5	19
13	Permeability and pressure measurements in Lesser Antilles submarine slides: Evidence for pressure-driven slow-slip failure. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 7986-8011.	3.4	16
14	Varied contribution of the Southern Ocean to deglacial atmospheric CO ₂ rise. <i>Nature Geoscience</i> , 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. <i>Mineralium Deposita</i> , 2009, 44, 881-891.	4.1	14
16	Boron Isotope Analysis of Geological Materials. <i>Advances in Isotope Geochemistry</i> , 2018, , 13-31.	1.4	14
17	Marine diagenesis of tephra aided the Palaeocene-Eocene Thermal Maximum termination. <i>Earth and Planetary Science Letters</i> , 2021, 571, 117101.	4.4	13
18	Tephra Deposition and Bonding With Reactive Oxides Enhances Burial of Organic Carbon in the Bering Sea. <i>Global Biogeochemical Cycles</i> , 2021, 35, .	4.9	13

#	ARTICLE	IF	CITATIONS
19	Timing and tectonic setting of tin mineralization in southern Myanmar: constraints from cassiterite and wolframite U–Pb ages. <i>Mineralium Deposita</i> , 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. <i>Nature Geoscience</i> , 2022, 15, 573-579.	12.9	8
22	⁴⁰ Ar/ ³⁹ Ar geochronology, geochemistry and petrology of volcanic rocks from the Simav Graben, western Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	6
23	Nature-Inspired and Sustainable Synthesis of Sulfur-Bearing Fe-Rich Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15791-15808.	6.7	6
24	Investigation of nano-sized debris released from CoCrMo secondary interfaces in total hip replacements: Digestion of the flakes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 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. <i>International Geology Review</i> , 2021, 63, 1719-1736.	2.1	3
26	A comparative study on the physicochemical characteristics of nanoparticles released in vivo from CoCrMo tapers and cement–stem interfaces of total hip replacements. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 3311-3322.	3.4	0