

# Martin R Palmer

## List of Publications by Year in descending order

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26  
papers

623  
citations

623734

14  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

930  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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        |
| 2  | Transient mobilization of subcrustal carbon coincident with Palaeocene–Eocene Thermal Maximum. <i>Nature Geoscience</i> , 2022, 15, 573-579.  | 12.9 | 8         |
| 3  | Post-volcanic activities in the Early Miocene K rka-Phrigian caldera, western Anatolia – caldera basin filling and borate mineralization processes. <i>International Geology Review</i> , 2021, 63, 1719-1736.  | 2.1  | 3         |
| 4  | 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        |
| 5  | Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. <i>Nature Geoscience</i> , 2021, 14, 690-696.  | 12.9 | 40        |
| 6  | Marine diagenesis of tephra aided the Palaeocene-Eocene Thermal Maximum termination. <i>Earth and Planetary Science Letters</i> , 2021, 571, 117101.  | 4.4  | 13        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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         |
| 10 | 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         |
| 11 | Varied contribution of the Southern Ocean to deglacial atmospheric CO2 rise. <i>Nature Geoscience</i> , 2019, 12, 1006-1011.  | 12.9 | 15        |
| 12 | The role of tephra in enhancing organic carbon preservation in marine sediments. <i>Earth-Science Reviews</i> , 2019, 192, 480-490.   | 9.1  | 47        |
| 13 | 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        |
| 14 | Investigation of nano-sized debris released from CoCrMo secondary interfaces in total hip replacements: Investigation of the flakes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 424-434.                                    | 3.4  | 3         |
| 15 | Boron Isotope Analysis of Geological Materials. <i>Advances in Isotope Geochemistry</i> , 2018, , 13-31.  | 1.4  | 14        |
| 16 | Damage mechanisms at the cement-implant interface of polished cemented femoral stems. , 2017, 105, 2027-2033.   |      | 9         |
| 17 | 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        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | $^{40}\text{Ar}/^{39}\text{Ar}$ 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         |
| 21 | 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        |
| 22 | Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .  | 2.5 | 80        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Magnetite dissolution in siliceous sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .  | 2.5 | 56        |