

Malcolm P Roberts

List of Publications by Year in descending order

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papers

2,442
citations

361388

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276858

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44
all docs

44
docs citations

44
times ranked

2371
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of β -cristobalite in Libyan Desert Glass: The hottest naturally occurring silica polymorph?. American Mineralogist, 2022, 107, 1325-1340.	1.9	3
2	The long-lived fertility signature of Cu-Au porphyry systems: insights from apatite and zircon at Tampakan, Philippines. Contributions To Mineralogy and Petrology, 2022, 177, 1.	3.1	9
3	Magmatic-hydrothermal evolution of the El Laco iron deposit revealed by trace element geochemistry and high-resolution chemical mapping of magnetite assemblages. Geochimica Et Cosmochimica Acta, 2022, 330, 230-257.	3.9	8
4	Luzonite and associated Cu-excess tennantite from the Levant Sn-Cu deposit, Cornwall, England: Evidence for a high sulphidation hydrothermal event. Applied Earth Science: Transactions of the Institute of Mining and Metallurgy, 2021, 130, 107-113.	1.0	0
5	Constraints on the nature of metamorphism in the Kalgoorlie gold camp (Yilgarn Craton, Western Australia). Earth and Planetary Sciences, 2021, 68, 1111-1121.	1.0	0
6	Quantifying F and Cl concentrations in granitic melts from apatite inclusions in zircon. Contributions To Mineralogy and Petrology, 2021, 176, 1.	3.1	14
7	Hydrothermal alteration and mineralization in the Faina greenstone belt: evidence from the Cascavel and Sertão orogenic gold deposits. Ore Geology Reviews, 2020, 119, 103293.	2.7	11
8	Microstructural controls on the chemical heterogeneity of cassiterite revealed by cathodoluminescence and elemental X-ray mapping. American Mineralogist, 2020, 105, 58-76.	1.9	8
9	Dating hypogene iron mineralization events in Archean BIF at Weld Range, Western Australia: insights into the tectonomagmatic history of the northern margin of the Yilgarn Craton. Mineralium Deposita, 2020, 55, 1307-1332.	4.1	5
10	Early Fimiston and late Oroya Au-Te ore, Paringa South mine, Golden Mile, Kalgoorlie: 4. Mineralogical and thermodynamic constraints on gold deposition by magmatic fluids at 420-300°C and 300 MPa. Mineralium Deposita, 2020, 55, 767-796.	4.1	12
11	U-Th-Pb Shrimp dating of hydrothermal monazite from the Trairão Gold Deposit - Alta Floresta Gold Province (Amazon Craton). Brazilian Journal of Geology, 2020, 50, .	0.7	4
12	Antimony in rutile as a pathfinder for orogenic gold deposits. Ore Geology Reviews, 2019, 106, 1-11.	2.7	37
13	Geochemical and Crystallographic Study of Turbo Torquatus (Mollusca: Gastropoda) From Southwestern Australia. Geochemistry, Geophysics, Geosystems, 2018, 19, 214-231.	2.5	1
14	New contributions to the understanding of Kiruna-type iron oxide-apatite deposits revealed by magnetite ore and gangue mineral geochemistry at the El Romeral deposit, Chile. Ore Geology Reviews, 2018, 93, 413-435.	2.7	43
15	The Karouni Gold Deposit, Guyana, South America: Part II. Hydrothermal Alteration and Mineralization. Economic Geology, 2018, 113, 1705-1732.	3.8	9
16	Nanoscale partitioning of Ru, Ir, and Pt in base-metal sulfides from the Caridad chromite deposit, Cuba. American Mineralogist, 2018, 103, 1208-1220.	1.9	14
17	Identification of Heavy Metals in Crystals of Sand and Silt Fractions of Soils by Scanning Electron Microscopy (SEM EDS/WD-EPMA). Revista Brasileira De Ciencia Do Solo, 2018, 42, .	1.3	11
18	Nanogeochemistry of hydrothermal magnetite. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	63

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19	The Alamoutala Carbonate-Hosted Gold Deposit, KÃ©doukou-KÃ©nieba Inlier, West Africa. <i>Economic Geology</i> , 2017, 112, 49-72.	3.8	9
20	Copperâ€“arsenic decoupling in an active geothermal system: A link between pyrite and fluid composition. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 204, 179-204.	3.9	93
21	Radiogenic heating and cratonâ€“margin plate stresses as drivers for intraplate orogeny. <i>Journal of Metamorphic Geology</i> , 2017, 35, 631-661.	3.4	25
22	White Mica as a Hyperspectral Tool in Exploration for the Sunrise Dam and Kanowna Belle Gold Deposits, Western Australia. <i>Economic Geology</i> , 2017, 112, 1153-1176.	3.8	58
23	Sulfur isotope signatures in the lower crust: A SIMS study on S-rich scapolite of granulites. <i>Chemical Geology</i> , 2017, 454, 54-66.	3.3	23
24	Dissecting the Re-Os molybdenite geochronometer. <i>Scientific Reports</i> , 2017, 7, 16054.	3.3	15
25	Mineralisation footprints and regional timing of the world-class Siguiro orogenic gold district (Guinea, West Africa). <i>Mineralium Deposita</i> , 2017, 52, 539-564.	4.1	15
26	Tellurides associated with volcanogenic massive sulfide (VMS) mineralization at Yuinmery and Austin, Western Australia. <i>Ore Geology Reviews</i> , 2017, 80, 352-362.	2.7	10
27	Platy Pyroxene: New Insights into Spinifex Texture. <i>Journal of Petrology</i> , 2017, 58, 1671-1700.	2.8	10
28	Geochemical and microstructural characterisation of two species of cool-water bivalves (<i>Fulvia tenuicostata</i> and <i>Soletellina) Tj ETQq0 0 0 rgBT /Over</i> back 10 1650 377 T		
29	TRACE ELEMENT SIGNATURE OF PYRITE FROM THE LOS COLORADOS IRON OXIDE-APATITE (IOA) DEPOSIT, CHILE: A MISSING LINK BETWEEN ANDEAN IOA AND IRON OXIDE COPPER-GOLD SYSTEMS?. <i>Economic Geology</i> , 2016, 111, 743-761.	3.8	120
30	In situ multiple sulfur isotope analysis by SIMS of pyrite, chalcopyrite, pyrrhotite, and pentlandite to refine magmatic ore genetic models. <i>Chemical Geology</i> , 2016, 444, 1-15.	3.3	108
31	Poikilitic Textures, Heteradcumulates and Zoned Orthopyroxenes in the Ntaka Ultramafic Complex, Tanzania: Implications for Crystallization Mechanisms of Oikocrysts. <i>Journal of Petrology</i> , 2016, 57, 1171-1198.	2.8	55
32	Enhanced cellular preservation by clay minerals in 1 billion-year-old lakes. <i>Scientific Reports</i> , 2014, 4, 5841.	3.3	66
33	Mesoproterozoic geology of the Nampula Block, northern Mozambique: Tracing fragments of Mesoproterozoic crust in the heart of Gondwana. <i>Precambrian Research</i> , 2010, 182, 124-148.	2.7	51
34	Terrane correlation between Antarctica, Mozambique and Sri Lanka; comparisons of geochronology, lithology, structure and metamorphism and possible implications for the geology of southern Africa and Antarctica. <i>Geological Society Special Publication</i> , 2008, 308, 91-119.	1.3	33
35	Occurrence and Origin of Andalusite in Peraluminous Felsic Igneous Rocks. <i>Journal of Petrology</i> , 2005, 46, 441-472.	2.8	89
36	Deciphering the petrogenesis of deeply buried granites: whole-rock geochemical constraints on the origin of largely undepleted felsic granulites from the Moldanubian Zone of the Bohemian Massif. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 141-159.	0.3	92

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37	Deciphering the petrogenesis of deeply buried granites: whole-rock geochemical constraints on the origin of largely undepleted felsic granulites from the Moldanubian Zone of the Bohemian Massif. , 2004, , .		16
38	Petrogenesis of Mafic to Felsic Plutonic Rock Associations: the Calc-alkaline QuÃ©rigut Complex, French Pyrenees. Journal of Petrology, 2000, 41, 809-844.	2.8	156
39	Replacement of primary monazite by apatite-allanite-epidote coronas in an amphibolite facies granite gneiss from the Eastern Alps. American Mineralogist, 1998, 83, 248-258.	1.9	213
40	Do U-Pb zircon ages from granulites reflect peak metamorphic conditions?. Geology, 1997, 25, 319.	4.4	245
41	Correction to Roberts and Clemens (1995) "Feasibility of AFC models for the petrogenesis of calc-alkaline magma series". Contributions To Mineralogy and Petrology, 1997, 128, 97-99.	3.1	4
42	Feasibility of AFC models for the petrogenesis of calc-alkaline magma series. Contributions To Mineralogy and Petrology, 1995, 121, 139-147.	3.1	38
43	Origin of high-potassium, talc-alkaline, I-type granitoids. Geology, 1993, 21, 825.	4.4	620