

Martin Guitreau

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,390
citations

516710

16
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable isotope geochemistry of silicon in granitoid zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 316, 273-294.	3.9	11
2	Calcium isotope evidence for early Archaean carbonates and subduction of oceanic crust. <i>Nature Communications</i> , 2021, 12, 2534.	12.8	30
3	Insight into Archean crustal growth and mantle evolution from multi-isotope U-Pb and Lu-Hf analysis of detrital zircon grains from the Abitibi and Pontiac subprovinces, Canada. <i>Precambrian Research</i> , 2021, 357, 106136.	2.7	10
4	Geochronology and geochemistry of Meso- to Neoproterozoic magmatic epidote-bearing potassic granites, western Dharwar Craton (Bellurâ€“Nagamangalaâ€“Pandavapura corridor), southern India: implications for the successive stages of crustal reworking and cratonization. <i>Geological Society Special Publication</i> , 2020, 489, 79-114.	1.3	20
5	Multi-stage crustal growth and Neoproterozoic geodynamics in the Eastern Dharwar Craton, southern India. <i>Gondwana Research</i> , 2020, 78, 228-260.	6.0	86
6	Geochemical and textural investigations of the Eoarchean Ukkuk supracrustals, Northern Québec (Canada). <i>Lithos</i> , 2020, 372-373, 105673.	1.4	4
7	Silicon isotope measurement in zircon by laser ablation multiple collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1597-1606.	3.0	8
8	A mushy Earth's mantle for more than 500 Myr after the magma ocean solidification. <i>Geophysical Journal International</i> , 2020, 221, 1165-1181.	2.4	15
9	Understanding Preservation of Primary Signatures in Apatite by Comparing Matrix and Zircon-Hosted Crystals From the Eoarchean Acasta Gneiss Complex (Canada). <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008923.	2.5	15
10	An oceanic subduction origin for Archaean granitoids revealed by silicon isotopes. <i>Nature Geoscience</i> , 2019, 12, 774-778.	12.9	55
11	Record of low-temperature aqueous alteration of Martian zircon during the late Amazonian. <i>Nature Communications</i> , 2019, 10, 2457.	12.8	13
12	The Assean Lake Complex. , 2019, , 703-722.		0
13	Crystallization and Disturbance Histories of Single Zircon Crystals From Hadeanâ€“Eoarchean Acasta Gneisses Examined by LA-ICP-MS Uâ€“Pb Traverses. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 272-291. ^{2.5}		7
14	New constraints on the early formation of the Western Dharwar Craton (India) from igneous zircon U-Pb and Lu-Hf isotopes. <i>Precambrian Research</i> , 2017, 302, 33-49.	2.7	61
15	Pikes Peak batholith (Colorado, USA) revisited: A SIMS and LA-ICP-MS study of zircon Uâ€“Pb ages combined with solution Hf isotopic compositions. <i>Precambrian Research</i> , 2016, 280, 179-194.	2.7	22
16	Mt. Etna plumbing system revealed by combined textural, compositional, and thermobarometric studies in clinopyroxenes. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	42
17	Luâ€“Hf isotope systematics of the Hadeanâ€“Eoarchean Acasta Gneiss Complex (Northwest Territories,) Tj ETQq1_1 0.784314 rgBT / D	3.9	41
18	Component geochronology in the polyphase ca. 3920 Ma Acasta Gneiss. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 133, 68-96.	3.9	75

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19	Why Archaean TTG cannot be generated by MORB melting in subduction zones. <i>Lithos</i> , 2014, 198-199, 1-13.	1.4	242
20	Hafnium isotope evidence for early-Proterozoic volcanic arc reworking in the Skellefte district (northern Sweden) and implications for the Svecofennian orogen. <i>Precambrian Research</i> , 2014, 252, 39-52.	2.7	11
21	Implications of discordant U–Pb ages on Hf isotope studies of detrital zircons. <i>Chemical Geology</i> , 2014, 385, 17-25.	3.3	36
22	Combined $^{147}\text{Sm}/^{143}\text{Nd}$ constraints on the longevity and residence time of early terrestrial crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2329-2345.	2.5	58
23	Inherited ^{142}Nd anomalies in Eoarchean protoliths. <i>Earth and Planetary Science Letters</i> , 2013, 361, 50-57.	4.4	91
24	A legacy of Hadean silicate differentiation inferred from Hf isotopes in Eoarchean rocks of the Nuvvuagittuq supracrustal belt (Quebec, Canada). <i>Earth and Planetary Science Letters</i> , 2013, 362, 171-181.	4.4	43
25	Hafnium isotope evidence from Archean granitic rocks for deep-mantle origin of continental crust. <i>Earth and Planetary Science Letters</i> , 2012, 337-338, 211-223.	4.4	169
26	Olivine, and the Origin of Kimberlite. <i>Journal of Petrology</i> , 2010, 51, 573-602.	2.8	157
27	Hadean protocrust reworking at the origin of the Archean Napier Complex (Antarctica). <i>Geochemical Perspectives Letters</i> , 0, 12, 7-11.	5.0	28
28	Accessory mineral constraints on crustal evolution: elemental fingerprints for magma discrimination. <i>Geochemical Perspectives Letters</i> , 0, , 7-12.	5.0	40