Martin Guitreau

List of Publications by Year
in descending order

28	1,390	516710 16	580821 25
papers	citations	h-index	g-index

29	29	29	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why Archaean TTG cannot be generated by MORB melting in subduction zones. Lithos, 2014, 198-199, 1-13.	1.4	242
2	Hafnium isotope evidence from Archean granitic rocks for deep-mantle origin of continental crust. Earth and Planetary Science Letters, 2012, 337-338, 211-223.	4.4	169
3	Olivine, and the Origin of Kimberlite. Journal of Petrology, 2010, 51, 573-602.	2.8	157
4	Inherited 142Nd anomalies in Eoarchean protoliths. Earth and Planetary Science Letters, 2013, 361, 50-57.	4.4	91
5	Multi-stage crustal growth and Neoarchean geodynamics in the Eastern Dharwar Craton, southern India. Gondwana Research, 2020, 78, 228-260.	6.0	86
6	Component geochronology in the polyphase ca. 3920 Ma Acasta Gneiss. Geochimica Et Cosmochimica Acta, 2014, 133, 68-96.	3.9	75
7	New constraints on the early formation of the Western Dharwar Craton (India) from igneous zircon U-Pb and Lu-Hf isotopes. Precambrian Research, 2017, 302, 33-49.	2.7	61
8	Combined^{147,146}Smâ€^{143,142}Nd constraints on the longevity and residence time of early terrestrial crust. Geochemistry, Geophysics, Geosystems, 2014, 15, 2329-2345.	2.5	58
9	An oceanic subduction origin for Archaean granitoids revealed by silicon isotopes. Nature Geoscience, 2019, 12, 774-778.	12.9	55
10	A legacy of Hadean silicate differentiation inferred from Hf isotopes in Eoarchean rocks of the Nuvvuagittuq supracrustal belt (QuÃ©bec, Canada). Earth and Planetary Science Letters, 2013, 362, 171-181.	4.4	43
11	Mt. Etna plumbing system revealed by combined textural, compositional, and thermobarometric studies in clinopyroxenes. Contributions To Mineralogy and Petrology, 2016, 171, 1.	3.1	42
12	Luâ€“Hf isotope systematics of the Hadeanâ€“Eoarchean Acasta Gneiss Complex (Northwest Territories,) Tj ETQq0 0 0 rgBT /Overlock 1	3.9	41
13	Accessory mineral constraints on crustal evolution: elemental fingerprints for magma discrimination. Geochemical Perspectives Letters, 0, , 7-12.	5.0	40
14	Implications of discordant Uâ€“Pb ages on Hf isotope studies of detrital zircons. Chemical Geology, 2014, 385, 17-25.	3.3	36
15	Calcium isotope evidence for early Archaean carbonates and subduction of oceanic crust. Nature Communications, 2021, 12, 2534.	12.8	30
16	Hadean protocrust reworking at the origin of the Archean Napier Complex (Antarctica). Geochemical Perspectives Letters, 0, 12, 7-11.	5.0	28
17	Pikes Peak batholith (Colorado, USA) revisited: A SIMS and LA-ICP-MS study of zircon Uâ€“Pb ages combined with solution Hf isotopic compositions. Precambrian Research, 2016, 280, 179-194.	2.7	22
18	Geochronology and geochemistry of Meso- to Neoarchean magmatic epidote-bearing potassic granites, western Dharwar Craton (Bellurâ€“Nagamangalaâ€“Pandavpura corridor), southern India: implications for the successive stages of crustal reworking and cratonization. Geological Society Special Publication, 2020, 489, 79-114.	1.3	20

#	Article	IF	Citations
19	A mushy Earth's mantle for more than 500ÂMyr after the magma ocean solidification. Geophysical Journal International, 2020, 221, 1165-1181.	2.4	15
20	Understanding Preservation of Primary Signatures in Apatite by Comparing Matrix and Zirconâ€Hosted Crystals From the Eoarchean Acasta Gneiss Complex (Canada). Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC008923.	2.5	15
21	Record of low-temperature aqueous alteration of Martian zircon during the late Amazonian. Nature Communications, 2019, 10, 2457.	12.8	13
22	Hafnium isotope evidence for early-Proterozoic volcanic arc reworking in the Skellefte district (northern Sweden) and implications for the Svecofennian orogen. Precambrian Research, 2014, 252, 39-52.	2.7	11
23	Stable isotope geochemistry of silicon in granitoid zircon. Geochimica Et Cosmochimica Acta, 2022, 316, 273-294.	3.9	11
24	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. Precambrian Research, 2021, 357, 106136.	2.7	10
25	Silicon isotope measurement in zircon by laser ablation multiple collector inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2020, 35, 1597-1606.	3.0	8
26	Crystallization and Disturbance Histories of Single Zircon Crystals From Hadeanâ€Eoarchean Acasta Gneisses Examined by LAâ€ICPâ€MS Uâ€Pb Traverses. Geochemistry, Geophysics, Geosystems, 2018, 19, 272-291.	2.5	7
27	Geochemical and textural investigations of the Eoarchean Ukaliq supracrustals, Northern QuÃ©bec (Canada). Lithos, 2020, 372-373, 105673.	1.4	4
28	The Assean Lake Complex. , 2019, , 703-722.		0