

Frantz Ossa Ossa

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,139
citations

758635

12
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1150
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoarchean acidic volcanic lakes: A critical ecological niche in early land colonisation. <i>Earth and Planetary Science Letters</i> , 2021, 556, 116725.	1.8	6
2	Chromium isotope systematics and the diagenesis of marine carbonates. <i>Earth and Planetary Science Letters</i> , 2021, 562, 116824.	1.8	24
3	Restricted Oxygen-Deficient Basins on the Northern European Epicontinental Shelf Across the Toarcian Carbon Isotope Excursion Interval. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004207.	1.3	8
4	A lithium-isotope perspective on the evolution of carbon and silicon cycles. <i>Nature</i> , 2021, 595, 394-398.	13.7	56
5	The Sedimentary Geochemistry and Paleoenvironments Project. <i>Geobiology</i> , 2021, 19, 545-556.	1.1	26
6	The Paleoproterozoic Francevillian succession of Gabon and the Lomagundi-Jatuli event: COMMENT. <i>Geology</i> , 2021, 49, e527-e527.	2.0	6
7	Limited expression of the Paleoproterozoic Oklo natural nuclear reactor phenomenon in the aftermath of a widespread deoxygenation event ~2.11–2.06 billion years ago. <i>Chemical Geology</i> , 2021, 578, 120315.	1.4	3
8	Preservation and Distributions of Covalently Bound Polyaromatic Hydrocarbons in Ancient Biogenic Kerogens and Insoluble Organic Macromolecules. <i>Astrobiology</i> , 2021, 21, 1049-1075.	1.5	5
9	Uranium isotope evidence for Mesoarchean biological oxygen production in shallow marine and continental settings. <i>Earth and Planetary Science Letters</i> , 2020, 551, 116583.	1.8	13
10	Evidence for local carbon-cycle perturbations superimposed on the Toarcian carbon isotope excursion. <i>Geobiology</i> , 2020, 18, 682-709.	1.1	7
11	Constraining provenance for the uraniferous Paleoproterozoic Francevillian Group sediments (Gabon) with detrital zircon geochronology and geochemistry. <i>Precambrian Research</i> , 2020, 343, 105724.	1.2	6
12	Reply to the comment by Prat and Weber on. <i>Earth and Planetary Science Letters</i> , 2019, 511, 259-261.	1.8	3
13	Limited oxygen production in the Mesoarchean ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6647-6652.	3.3	42
14	Two-step deoxygenation at the end of the Paleoproterozoic Lomagundi Event. <i>Earth and Planetary Science Letters</i> , 2018, 486, 70-83.	1.8	58
15	Cause and timing of the thermal over-maturation of hydrocarbon source rocks of the Ecca Group (Main Karoo Basin, South Africa). <i>Marine and Petroleum Geology</i> , 2018, 91, 480-500.	1.5	10
16	A Mesoarchean shift in uranium isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 438-452.	1.6	52
17	Variolites of the Paleoproterozoic Hekpoort Formation (Transvaal sub-basin, Kaapvaal craton): Multistage undercooling textures?. <i>Lithos</i> , 2018, 316-317, 48-65.	0.6	7
18	Aerobic iron and manganese cycling in a redox-stratified Mesoarchean epicontinental sea. <i>Earth and Planetary Science Letters</i> , 2018, 500, 28-40.	1.8	54

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19	Unusual manganese enrichment in the Mesoarchean Mozaan Group, Pongola Supergroup, South Africa. <i>Precambrian Research</i> , 2016, 281, 414-433.	1.2	35
20	Evidence for oxygenic photosynthesis half a billion years before the Great Oxidation Event. <i>Nature Geoscience</i> , 2014, 7, 283-286.	5.4	444
21	Hydrothermal clay mineral formation in the uraniferous Paleoproterozoic FA Formation, Francevillian basin, Gabon. <i>Precambrian Research</i> , 2014, 246, 134-149.	1.2	8
22	Exceptional preservation of expandable clay minerals in the ca. 2.1Ga black shales of the Francevillian basin, Gabon and its implication for atmospheric oxygen accumulation. <i>Chemical Geology</i> , 2013, 362, 181-192.	1.4	31
23	Large colonial organisms with coordinated growth in oxygenated environments 2.1â€‰Gyr ago. <i>Nature</i> , 2010, 466, 100-104.	13.7	235