

Janaina N Avila

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Unraveling one billion years of geological evolution of the southeastern Amazonia Craton from detrital zircon analyses. <i>Geoscience Frontiers</i> , 2022, 13, 101202.	8.4	4
2	The Paleoproterozoic Northern Mundo Novo Greenstone Belt, São Francisco Craton: Geochemistry, U-Pb-Hf-O in zircon and pyrite $\delta^{34}\text{S}$ - $\delta^{33}\text{S}$ - $\delta^{36}\text{S}$ signatures. <i>Geoscience Frontiers</i> , 2022, 13, 101252.	8.4	3
3	Simultaneous fractionation of sulfur dioxide explains mass independent fractionation of sulfur isotopes in Archean sedimentary pyrites. <i>Chemical Geology</i> , 2022, 587, 120640.	3.3	2
4	Permanent signatures of birth and nursing initiation are chemically recorded in teeth. <i>Journal of Archaeological Science</i> , 2022, 140, 105564.	2.4	12
5	Sources of auriferous fluids associated with a Neoproterozoic BIF-hosted orogenic gold deposit revealed by the multiple sulfur isotopic compositions of zoned pyrites. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	2
6	A petrochronology window into near-surface fluid/rock interaction within Archean ultramafic-mafic crust: Insights from the 3.25 Ga Stolzburg Complex, Barberton Greenstone Belt. <i>Chemical Geology</i> , 2021, 569, 120130.	3.3	6
7	Comment on "Correlation of the stratigraphic cover of the Pilbara and Kaapvaal cratons recording the lead up to Paleoproterozoic Icehouse and the GOE" by Andrey Bekker, Bryan Krabe, and Juha A. Karhu, 2020, <i>Earth Science Reviews</i> , https://doi.org/10.1016/j.earscirev.2020.103389 . <i>Earth-Science Reviews</i> , 2021, 218, 103594.	9.1	4
8	Crystallographic and crystallochemical controls on oxygen isotope analysis of hematite by SIMS. <i>Chemical Geology</i> , 2021, 583, 120461.	3.3	4
9	High-Precision, High-Accuracy Oxygen Isotope Measurements of Zircon Reference Materials with the SHRIMP-ESI. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 85-102.	3.1	21
10	Protocols for in situ measurement of oxygen isotopes in goethite by ion microprobe. <i>Chemical Geology</i> , 2020, 533, 119436.	3.3	2
11	Stratigraphy and geochronological constraints of the Serra Sul Formation (Carajás Basin, Amazonian) $\text{Tj ETQq1 1 0,784314 ggBT /Over}$	2.7	1
12	Pyrite Textures, Trace Elements and Sulfur Isotope Chemistry of Bijaigarh Shales, Vindhyan Basin, India and Their Implications. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 588.	2.0	6
13	Oxygen Isotopes and Sampling of the Solar System. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	22
14	Textural and geochemical investigation of pyrite in Jacobina Basin, São Francisco Craton, Brazil: Implications for paleoenvironmental conditions and formation of pre-GOE metaconglomerate-hosted Au-(U) deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 331-353.	3.9	9
15	Lifetimes of interstellar dust from cosmic ray exposure ages of presolar silicon carbide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1884-1889.	7.1	57
16	Pyrite trace-element and sulfur isotope geochemistry of paleo-mesoproterozoic McArthur Basin: Proxy for oxidative weathering. <i>American Mineralogist</i> , 2019, 104, 1256-1272.	1.9	28
17	The formation mechanisms of sedimentary pyrite nodules determined by trace element and sulfur isotope microanalysis. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 53-68.	3.9	53
18	U-Th/He systematics of fluid-rich $\text{â}^{\text{sim}}\text{fibrousâ}^{\text{tm}}$ diamonds â^{c} Evidence for pre- and syn-kimberlite eruption ages. <i>Chemical Geology</i> , 2019, 515, 22-36.	3.3	11

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19	A common origin for Thai/Cambodian rubies and blue and violet sapphires from Yogo Gulch, Montana, U.S.A.?. <i>American Mineralogist</i> , 2018, 103, 469-479.	1.9	21
20	Rare earth element abundances in presolar SiC. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 200-218.	3.9	9
21	Sulfur isotope and PGE systematics of metasomatised mantle wedge. <i>Earth and Planetary Science Letters</i> , 2018, 497, 181-192.	4.4	30
22	Globally asynchronous sulphur isotope signals require re-definition of the Great Oxidation Event. <i>Nature Communications</i> , 2018, 9, 2245.	12.8	82
23	50 years of Isotope Geology in South America - Scientific Highlights from the 9th South American Symposium on Isotope Geology. <i>Brazilian Journal of Geology</i> , 2016, 46, 1-3.	0.7	0
24	Charge-mode electrometer measurements of S-isotopic compositions on SHRIMP-SI. <i>International Journal of Mass Spectrometry</i> , 2014, 359, 26-37.	1.5	60
25	Ba isotopic compositions in stardust SiC grains from the Murchison meteorite: Insights into the stellar origins of large SiC grains. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 628-647.	3.9	15
26	EUROPIUM ϵ -PROCESS SIGNATURE AT CLOSE-TO-SOLAR METALLICITY IN STARDUST SiC GRAINS FROM ASYMPTOTIC GIANT BRANCH STARS. <i>Astrophysical Journal Letters</i> , 2013, 768, L18.	8.3	14
27	TUNGSTEN ISOTOPIC COMPOSITIONS IN STARDUST SiC GRAINS FROM THE MURCHISON METEORITE: CONSTRAINTS ON THE ϵ -PROCESS IN THE Hf-Ta-W-Re-Os REGION. <i>Astrophysical Journal</i> , 2012, 744, 49.	4.5	32
28	U-Pb zircon in situ dating with LA-MC-ICP-MS using a mixed detector configuration. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 275-296.	0.8	54
29	Tectono-sequence stratigraphy and U-Pb zircon ages of the Rincón Blanco Depocenter, northern Cuyo Rift, Argentina. <i>Gondwana Research</i> , 2012, 21, 624-636.	6.0	50
30	Age constraints for the northernmost outcrops of the Triassic Cuyana Basin, Argentina. <i>Journal of South American Earth Sciences</i> , 2010, 30, 97-103.	1.4	21
31	INTERSTELLAR RESIDENCE TIMES OF PRESOLAR SiC DUST GRAINS FROM THE MURCHISON CARBONACEOUS METEORITE. <i>Astrophysical Journal</i> , 2009, 698, 1155-1164.	4.5	32
32	Isotope geochemistry and geochronology of the Nico Pérez Terrane, Rio de la Plata Craton, Uruguay. <i>Gondwana Research</i> , 2007, 12, 489-508.	6.0	87
33	Combined stratigraphic and isotopic studies of Triassic strata, Cuyo Basin, Argentine Precordillera. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 1088-1098.	3.3	43
34	Post-Gondwana break-up record constraints from apatite fission track thermochronology in NW Namibia. <i>Radiation Measurements</i> , 2005, 39, 675-679.	1.4	10
35	Thermal evolution of inverted basins: Constraints from apatite fission track thermochronology in the Cuyo Basin, Argentine Precordillera. <i>Radiation Measurements</i> , 2005, 39, 603-611.	1.4	8