

Brigitte M Zanda

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,418
citations

430874

18
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonaceous chondrite meteorites experienced fluid flow within the past million years. <i>Science</i> , 2021, 371, 164-167.	12.6	10
2	The sulfur budget and sulfur isotopic composition of Martian regolith breccia NWA 7533. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2097-2116.	1.6	8
3	Cooling rates of type I chondrules from Renazzo: Implications for chondrule formation. <i>Meteoritics and Planetary Science</i> , 2018, 53, 984-1005.	1.6	5
4	A TEM study of exsolution in Ca-rich pyroxenes from the Paris and Renazzo chondrites: Determination of type I chondrule cooling rates. <i>Meteoritics and Planetary Science</i> , 2018, 53, 482-492.	1.6	2
5	Regolith breccia Northwest Africa 7533: Mineralogy and petrology with implications for early Mars. <i>Meteoritics and Planetary Science</i> , 2017, 52, 89-124.	1.6	43
6	Exsolution and shock microstructures of igneous pyroxene clasts in the Northwest Africa 7533 Martian meteorite. <i>Meteoritics and Planetary Science</i> , 2016, 51, 932-945.	1.6	13
7	Nickeliferous pyrite tracks pervasive hydrothermal alteration in Martian regolith breccia: A study in NWA 7533. <i>Meteoritics and Planetary Science</i> , 2015, 50, 2099-2120.	1.6	32
8	Mn-Cr systematics in primitive meteorites: Insights from mineral separation and partial dissolution. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 156, 1-24.	3.9	66
9	The amino acid and hydrocarbon contents of the Paris meteorite: Insights into the most primitive CM chondrite. <i>Meteoritics and Planetary Science</i> , 2015, 50, 926-943.	1.6	73
10	How Mercury can be the most reduced terrestrial planet and still store iron in its mantle. <i>Earth and Planetary Science Letters</i> , 2014, 394, 186-197.	4.4	54
11	The Paris meteorite, the least altered CM chondrite so far. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 190-222.	3.9	163
12	Raman spectroscopic properties and Raman identification of Ca ₂ Mg ₂ Mn ₂ Fe ₂ Cr ₂ FeS ₄ sulfides in meteorites and reduced sulfur-rich systems. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1415-1426.	1.6	68
13	Homogeneous distribution of Fe isotopes in the early solar nebula. <i>Meteoritics and Planetary Science</i> , 2013, 48, 354-364.	1.6	18
14	Opaque minerals, magnetic properties, and paleomagnetism of the Tissint Martian meteorite. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1919-1936.	1.6	29
15	Evaporation and recondensation of sodium in Semarkona Type II chondrules. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 78, 1-17.	3.9	41
16	Radiative heating of carbonaceous near-Earth objects as a cause of thermal metamorphism for CK chondrites. <i>Icarus</i> , 2012, 220, 65-73.	2.5	52
17	Chondrules: Precursors and interactions with the nebular gas. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1120-1138.	1.6	38
18	Nature of volatile depletion and genetic relationships in enstatite chondrites and aubrites inferred from Zn isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 297-307.	3.9	85

#	ARTICLE	IF	CITATIONS
19	Relative chronology of crust formation on asteroid Vesta: Insights from the geochemistry of diogenites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6218-6231.	3.9	89
20	The Solar System primordial lead. <i>Earth and Planetary Science Letters</i> , 2010, 300, 152-163.	4.4	65
21	Oxygen isotopic compositions of chondrules: Implications for evolution of oxygen isotopic reservoirs in the inner solar nebula. <i>Chemie Der Erde</i> , 2006, 66, 249-276.	2.0	70
22	Meteorites: samples of NEOs in the laboratory. <i>Comptes Rendus Physique</i> , 2005, 6, 345-360.	0.9	2
23	Niobium-Zirconium Chronometry and Early Solar System Development. <i>Science</i> , 2002, 295, 1705-1708.	12.6	165
24	Paul Pellas (1924â€“1997). <i>Meteoritics and Planetary Science</i> , 1997, 32, 983-984.	1.6	0
25	Carbon and the formation of reduced chondrules. <i>Nature</i> , 1994, 371, 136-139.	27.8	84
26	Origin and Metamorphic Redistribution of Silicon, Chromium, and Phosphorus in the Metal of Chondrites. <i>Science</i> , 1994, 265, 1846-1849.	12.6	133
27	Propagation of high-energy particles inside solid matter: cosmic-ray-induced spallation in iron meteorites. <i>Earth and Planetary Science Letters</i> , 1989, 94, 171-188.	4.4	10