Gregory F Herzog

List of Publications by Year
in descending order

34	974	430874	434195
papers	citations	18 h-index	31 g-index

35	35	35	802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cosmogenic nuclides in extraterrestrial materials. Reviews of Geophysics, 1990, 28, 253-275.	23.0	109
2	Isotopic composition of carbonates in the SNC meteorites Allan Hills 84001 and Nakhla. Meteoritics, 1995, 30, 311-318.	1.4	88
3	Shock Melting of the Canyon Diablo Impactor: Constraints from Nickel-59 Contents and Numerical Modeling. Science, 1999, 285, 85-88.	12.6	77
4	Neutron-capture36Cl,41Ca,36Ar, and150Sm in large chondrites: Evidence for high fluences of thermalized neutrons. Journal of Geophysical Research, 1995, 100, 9401.	3.3	60
5	Complex exposure histories for meteorites with â€œshortâ€•exposure ages. Meteoritics and Planetary Science, 1997, 32, 413-422.	1.6	57
6	Mass-dependent fractionation of Mg, Si, and Fe isotopes in five stony cosmic spherules. Geochimica Et Cosmochimica Acta, 2002, 66, 173-183.	3.9	54
7	Mineralogy, petrology, chronology, and exposure history of the Chelyabinsk meteorite and parent body. Meteoritics and Planetary Science, 2015, 50, 1790-1819.	1.6	48
8	History of lunar meteorites Queen Alexandra Range 93069, Asuka 881757, and Yamato 793169 based on noble gas isotopic abundances, radionuclide concentrations, and chemical composition. Meteoritics and Planetary Science, 1996, 31, 857-868.	1.6	40
9	Crumbs from the crust of Vesta: Achondritic cosmic spherules from the South Pole water well. Meteoritics and Planetary Science, 2007, 42, 223-233.	1.6	40
10	Exposure history of the Torino meteorite. Meteoritics and Planetary Science, 1996, 31, 265-272.	1.6	39
11	Light noble gases and cosmogenic radionuclides in Estherville, Budulan, and other mesosiderites: Implications for exposure histories and production rates. Meteoritics and Planetary Science, 2000, 35, 975-986.	1.6	31
12	Tomography: A window on the role of sulfur in the structure of micrometeorites. Meteoritics and Planetary Science, 2011, 46, 1498-1509.	1.6	31
13	On the Bur Gheluai H5 chondrite and other meteorites with complex exposure histories. Meteoritics, 1993, 28, 71-85.	1.4	27
14	Cosmogenic nuclides in core samples of the Chico L6 chondrite: Evidence for irradiation under high shielding. Meteoritics, 1992, 27, 371-381.	1.4	26
15	Potassium isotope abundances in Australasian tektites and microtektites. Meteoritics and Planetary Science, 2008, 43, 1641-1657.	1.6	24
16	Evidence for common breakup events of the acapulcoitesâ€‹odranites and chondrites. Meteoritics and Planetary Science, 2000, 35, 1043-1050.	1.6	22
17	Exposure history of the Stâ€Robert (H5) fall. Meteoritics and Planetary Science, 2001, 36, 1479-1494.	1.6	20
18	⁴⁰Ar/³⁹Ar age of material returned from asteroid 25143 Itokawa. Meteoritics and Planetary Science, 2015, 50, 2087-2098.	1.6	18

#	Article	IF	Citations
19	Internal structure of type I deep-sea spherules by X-ray computed microtomography. Meteoritics and Planetary Science, 2005, 40, 195-206.	1.6	16
20	Exposure history of the Peekskill (H6) meteorite. Meteoritics and Planetary Science, 1997, 32, 25-30.	1.6	15
21	The Twannberg (Switzerland) IIG iron meteorites: Mineralogy, chemistry, and CRE ages. Meteoritics and Planetary Science, 2009, 44, 187-199.	1.6	15
22	Cosmicâ€ray exposure history of the Norton County enstatite achondrite. Meteoritics and Planetary Science, 2011, 46, 284-310.	1.6	15
23	Shielding effects in Norton County and other aubrites. Journal of Geophysical Research, 1977, 82, 3430-3436.	3.3	13
24	Exposure history of glass and breccia phases of lunar meteorite EET87521. Meteoritics and Planetary Science, 1996, 31, 299-304.	1.6	13
25	²⁶Al LOSSES FROM WEATHERED CHONDRITES. Meteoritics, 1976, 11, 59-68.	1.4	12
26	Characterization of carbonâ€•and nitrogenâ€rich particle fragments captured from comet 81P/Wild 2. Meteoritics and Planetary Science, 2008, 43, 335-351.	1.6	10
27	Cosmicâ€ray exposure ages of pallasites. Meteoritics and Planetary Science, 2015, 50, 86-111.	1.6	10
28	Issues in dating young rocks from another planet: Martian shergottites. Geological Society Special Publication, 2014, 378, 297-316.	1.3	9
29	Determination of trace element concentrations in meteorites by inductively coupled plasma â€" Mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 1992, 164, 13-22.	1.5	8
30	Stable nickel isotopes and cosmogenic berylliumâ€10 and aluminumâ€26 in metallic spheroids from Meteor Crater, Arizona. Meteoritics, 1995, 30, 303-310.	1.4	8
31	Cross sections from 5 to 35â€fMeV for the reactions ^{nat}Mg(³He,x)²⁶Al, ²⁷Al(³He,x)²⁶Al, ^{nat}Ca(³He,x)⁴¹Ca, and ^{nat}Ca(³He,x)³⁶Cl: Implications for early irradiation in the solar system. Meteoritics and Planetary Science, 2011, 46, 1427-1446.	1.6	7
32	⁴⁰Ar/³⁹Ar ages of Northwest Africa 7034 and Northwest Africa 7533. Meteoritics and Planetary Science, 2021, 56, 515-545.	1.6	5
33	Preâ€atmospheric depths and thermal histories of Canyon Diablo spheroids. Meteoritics and Planetary Science, 2002, 37, 1015-1025.	1.6	4
34	⁴⁰Ar/³⁹Ar Thermochronology for Submilligram Samples Using a Ta Platform Microfurnace, With Illustrations From the Bushveld Complex. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009182.	2.5	3