

Jemma Davidson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

856
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between CM and CO chondrites: Insights from combined analyses of titanium, chromium, and oxygen isotopes in CM, CO, and ungrouped chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 70-90.	3.9	23
2	Chromium isotopic insights into the origin of chondrite parent bodies and the early terrestrial volatile depletion. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 158-186.	3.9	33
3	The Fe/S ratio of pyrrhotite group sulfides in chondrites: An indicator of oxidation and implications for return samples from asteroids Ryugu and Bennu. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 303, 66-91.	3.9	24
4	Water on Mars: Insights from apatite in regolith breccia Northwest Africa 7034. <i>Earth and Planetary Science Letters</i> , 2020, 552, 116597.	4.4	9
5	A reclassification of Northwest Africa 2900 from CV3 to CK3 chondrite. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2539-2550.	1.6	4
6	Outward migration of chondrule fragments in the early Solar System: O-isotopic evidence for rocky material crossing the Jupiter Gap?. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 282, 133-155.	3.9	23
7	Reply to: GEMS and the devil in their details. <i>Nature Astronomy</i> , 2019, 3, 606-606.	10.1	2
8	Re-examining thermal metamorphism of the Renazzo-like (CR) carbonaceous chondrites: Insights from pristine Miller Range 090657 and shock-heated Graves Nunataks 06100. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 240-256.	3.9	16
9	Mineralogy and petrology of Dominion Range 08006: A very primitive CO3 carbonaceous chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 265, 259-278.	3.9	42
10	A cometary building block in a primitive asteroidal meteorite. <i>Nature Astronomy</i> , 2019, 3, 659-666.	10.1	73
11	Grove Mountains (GRV) 020043: Insights into acapulcoite-lodranite genesis from the most primitive member. <i>Chemie Der Erde</i> , 2019, 79, 125536.	2.0	5
12	High abundances of presolar grains and 15N-rich organic matter in CO3.0 chondrite Dominion Range 08006. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 226, 107-131.	3.9	42
13	The retention of dust in protoplanetary disks: Evidence from agglomeratic olivine chondrules from the outer Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 405-421.	3.9	32
14	The background temperature of the protoplanetary disk within the first four million years of the Solar System. <i>Earth and Planetary Science Letters</i> , 2018, 504, 30-37.	4.4	13
15	CM and CO chondrites: A common parent body or asteroidal neighbors? Insights from chondrule silicates. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 157-171.	3.9	38
16	Measuring the level of interstellar inheritance in the solar protoplanetary disk. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1797-1821.	1.6	39
17	Widespread evidence for high-temperature formation of pentlandite in chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 359-376.	3.9	41
18	Amino acid analyses of R and CK chondrites. <i>Meteoritics and Planetary Science</i> , 2015, 50, 470-482.	1.6	36

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19	The formation and alteration of the Renazzo-like carbonaceous chondrites <scp>III</scp>: Toward understanding the genesis of ferromagnesian chondrules. <i>Meteoritics and Planetary Science</i> , 2015, 50, 15-50.	1.6	64
20	Petrography, stable isotope compositions, microRaman spectroscopy, and presolar components of Roberts Massif 04133: A reduced <scp>CV</scp>3 carbonaceous chondrite. <i>Meteoritics and Planetary Science</i> , 2014, 49, 2133-2151.	1.6	22
21	Abundances of presolar silicon carbide grains in primitive meteorites determined by NanoSIMS. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 248-266.	3.9	80
22	Oxygen isotope and chemical compositions of magnetite and olivine in the anomalous CK3 Watson 002 and ungrouped Asuka-881595 carbonaceous chondrites: Effects of parent body metamorphism. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1456-1474.	1.6	19
23	A water-ice rich minor body from the early Solar System: The CR chondrite parent asteroid. <i>Earth and Planetary Science Letters</i> , 2014, 407, 48-60.	4.4	50
24	Determination of the Effects of Hydrothermal Alteration on Silicate Stardust with Secondary Ion Mass Spectrometry and Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 1698-1699.	0.4	0
25	The formation and alteration of the Renazzo-like carbonaceous chondrites II: Linking O-isotope composition and oxidation state of chondrule olivine. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 101, 302-327.	3.9	90
26	A NanoSIMS and Raman spectroscopic comparison of interplanetary dust particles from comet Grigg-Skjellerup and non-Grigg Skjellerup collections. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1748-1771.	1.6	36