Lindsay P Keller

List of Publications by Year
in descending order

31 papers	5,232 citations	279798 23 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	2949 citing authors

#	Article	IF	Citations
1	Evidence for a significant Kuiper belt dust contribution to the zodiacal cloud. Nature Astronomy, 2022, 6, 731-735.	10.1	12
2	Solar energetic particle tracks in lunar samples: A transmission electron microscope calibration and implications for lunar space weathering. Meteoritics and Planetary Science, 2021, 56, 1685-1707.	1.6	29
3	Solar wind contributions to Earthâ€™s oceans. Nature Astronomy, 2021, 5, 1275-1285.	10.1	22
4	Coordinated mineralogical and isotopic analyses of a cosmic symplectite discovered in a comet 81P/Wild 2 sample. Meteoritics and Planetary Science, 2017, 52, 2004-2016.	1.6	8
5	Geologic history of Martian regolith breccia Northwest Africa 7034: Evidence for hydrothermal activity and lithologic diversity in the Martian crust. Journal of Geophysical Research E: Planets, 2016, 121, 2120-2149.	3.6	65
6	MINERALOGY OF PRESOLAR SILICATE AND OXIDE GRAINS OF DIVERSE STELLAR ORIGINS. Astrophysical Journal, 2016, 818, 51.	4.5	26
7	A Hybrid Ultramicrotomy-FIB Technique for Preparing Serial Electron Transparent Thin Sections from Particulate Samples. Microscopy Today, 2015, 23, 18-23.	0.3	9
8	Pristine stratospheric collection of interplanetary dust on an oilâ€free polyurethane foam substrate. Meteoritics and Planetary Science, 2015, 50, 1468-1485.	1.6	18
9	A transmission electron microscope study of Itokawa regolith grains. Earth, Planets and Space, 2014, 66, .	2.5	50
10	Microchemical and structural evidence for space weathering in soils from asteroid Itokawa. Earth, Planets and Space, 2014, 66, .	2.5	50
11	On the origins of GEMS grains: A reply. Geochimica Et Cosmochimica Acta, 2013, 107, 341-344.	3.9	21
12	Wassonite: A new titanium monosulfide mineral in the Yamato 691 enstatite chondrite. American Mineralogist, 2012, 97, 807-815.	1.9	32
13	Evidence for aqueous activity on comet 81P/Wild 2 from sulfide mineral assemblages in Stardust samples and CI chondrites. Geochimica Et Cosmochimica Acta, 2011, 75, 3501-3513.	3.9	87
14	On the origins of GEMS grains. Geochimica Et Cosmochimica Acta, 2011, 75, 5336-5365.	3.9	152
15	Experimental aqueous alteration of cometary dust. Meteoritics and Planetary Science, 2011, 46, 843-856.	1.6	50
16	Space radiation processing of sulfides and silicates in primitive solar systems materials: Comparative insights from in situ TEM ion irradiation experiments. Meteoritics and Planetary Science, 2011, 46, 950-969.	1.6	20
17	Nanometerâ€scale anatomy of entire Stardust tracks. Meteoritics and Planetary Science, 2011, 46, 1033-1051.	1.6	30
18	Comet 81P/Wild 2 Under a Microscope. Science, 2006, 314, 1711-1716.	12.6	848

#	Article	IF	Citations
19	Infrared Spectroscopy of Comet 81P/Wild 2 Samples Returned by Stardust. Science, 2006, 314, 1728-1731.	12.6	163
20	Mineralogy and Petrology of Comet 81P/Wild 2 Nucleus Samples. Science, 2006, 314, 1735-1739.	12.6	589
21	Organics Captured from Comet 81P/Wild 2 by the Stardust Spacecraft. Science, 2006, 314, 1720-1724.	12.6	519
22	Organic Globules in the Tagish Lake Meteorite: Remnants of the Protosolar Disk. Science, 2006, 314, 1439-1442.	12.6	208
23	Supernova Olivine from Cometary Dust. Science, 2005, 309, 737-741.	12.6	153
24	The nature of molecular cloud material in interplanetary dust. Geochimica Et Cosmochimica Acta, 2004, 68, 2577-2589.	3.9	148
25	Samples of Stars Beyond the Solar System: Silicate Grains in Interplanetary Dust. Science, 2003, 300, 105-108.	12.6	367
26	Lunar Mare Soils: Space weathering and the major effects of surface-correlated nanophase Fe. Journal of Geophysical Research, 2001, 106, 27985-27999.	3.3	270
27	Space weathering on airless bodies: Resolving a mystery with lunar samples. Meteoritics and Planetary Science, 2000, 35, 1101-1107.	1.6	536
28	An Infrared Spectral Match Between GEMS and Interstellar Grains. Science, 1999, 285, 1716-1718.	12.6	211
29	The nature and origin of rims on lunar soil grains. Geochimica Et Cosmochimica Acta, 1997, 61, 2331-2341.	3.9	332
30	Microstructure, chemistry, and origin of grain rims on ilmenite from the lunar soil finest fraction. Meteoritics and Planetary Science, 1996, 31, 835-848.	1.6	39
31	Carbon abundance and silicate mineralogy of anhydrous interplanetary dust particles. Geochimica Et Cosmochimica Acta, 1993, 57, 1551-1566.	3.9	168