Brad Jolliff

List of Publications by Year
in descending order

14 papers	1,384 citations	933447 10 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	1241 citing authors

#	Article	IF	Citations
1	Major lunar crustal terranes: Surface expressions and crust-mantle origins. Journal of Geophysical Research, 2000, 105, 4197-4216.	3.3	719
2	Clementine images of the lunar sample-return stations: Refinement of FeO and TiO2mapping techniques. Journal of Geophysical Research, 1997, 102, 16319-16325.	3.3	194
3	Age and composition of young basalts on the Moon, measured from samples returned by Changâ€™e-5. Science, 2021, 374, 887-890.	12.6	148
4	Petrography and composition of Martian regolith breccia meteorite Northwest Africa 7475. Meteoritics and Planetary Science, 2015, 50, 326-352.	1.6	100
5	Petrography and geochemistry of the LaPaz Icefield basaltic lunar meteorite and source crater pairing with Northwest Africa 032. Meteoritics and Planetary Science, 2005, 40, 1073-1101.	1.6	65
6	Effects of rocket exhaust on lunar soil reflectance properties. Icarus, 2014, 227, 176-194.	2.5	58
7	Boulder Distributions Around Young, Small Lunar Impact Craters and Implications for Regolith Production Rates and Landing Site Safety. Journal of Geophysical Research E: Planets, 2019, 124, 2754-2771.	3.6	34
8	Vibrational spectroscopy of pyrope-majorite garnets: Structural implications. American Mineralogist, 2004, 89, 132-146.	1.9	25
9	Shergottite Northwest Africa 6963: A Pyroxeneâ€Cumulate Martian Gabbro. Journal of Geophysical Research E: Planets, 2018, 123, 1823-1841.	3.6	20
10	Lunar Secondary Craters and Estimated Ejecta Block Sizes Reveal a Scaleâ€Dependent Fragmentation Trend. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006313.	3.6	12
11	Analysis and experimental investigation of Apollo sample 12032,366â€18, a chemically evolved basalt from the Moon. Meteoritics and Planetary Science, 2022, 57, 794-816.	1.6	9
12	Historical and Current Importance of Electron Probe Microanalysis in Space Sciences, A Retro- and Forward-looking Perspective. Microscopy and Microanalysis, 2017, 23, 998-999.	0.4	0
13	Detecting Subâ€Micron Space Weathering Effects in Lunar Grains With Synchrotron Infrared Nanospectroscopy. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006921.	3.6	0
14	Size and charge distribution characteristics of fine and ultrafine particles in simulated lunar dust: Relevance to lunar missions and exploration. Planetary and Space Science, 2022, 210, 105392.	1.7	0