

Lawrence A Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,585
citations

516710

16
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	New lunar meteorite <sc>NWA</sc> 10986: A mingled impact melt breccia from the highlandsâ€”A complete cross section of the lunar crust. <i>Meteoritics and Planetary Science</i> , 2019, 54, 3018-3035.	1.6	7
2	Disintegration of lunar samples over time: A test. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1096-1103.	1.6	3
3	Mgâ€”rich harzburgites from Vesta: Mantle residua or cumulates from planetary differentiation?. <i>Meteoritics and Planetary Science</i> , 2018, 53, 514-546.	1.6	8
4	Mineral inclusions in diamonds may be synchronous but not syngenetic. <i>Nature Communications</i> , 2017, 8, 14168.	12.8	46
5	Dacite formation on Vesta: Partial melting of the eucritic crust. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1173-1196.	1.6	16
6	The origin of alteration â€œorangettesâ€”in Dhofar 019: Implications for the age and aqueous history of the shergottites. <i>Meteoritics and Planetary Science</i> , 2017, 52, 2695-2706.	1.6	7
7	Integrity of lunar soil samples. <i>Nature Geoscience</i> , 2016, 9, 87-87.	12.9	1
8	Low water contents in diamond mineral inclusions: Proto-genetic origin in a dry cratonic lithosphere. <i>Earth and Planetary Science Letters</i> , 2016, 433, 125-132.	4.4	31
9	Evolution of the martian mantle inferred from the ^{187}Re â€” ^{187}Os isotope and highly siderophile element abundance systematics of shergottite meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 76, 206-235.	3.9	117
10	Petrogenesis of lunar mare basalt meteorite Miller Range 05035. <i>Meteoritics and Planetary Science</i> , 2009, 44, 261-284.	1.6	50
11	Comparative petrology, geochemistry, and petrogenesis of evolved, low-Ti lunar mare basalt meteorites from the LaPaz Icefield, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1581-1600.	3.9	78
12	Diamonds: time capsules from the Siberian Mantle. <i>Chemie Der Erde</i> , 2004, 64, 1-74.	2.0	129
13	Petrogenesis of lunar highlands meteorites: Dhofar 025, Dhofar 081, Dar al Gani 262, and Dar al Gani 400. <i>Meteoritics and Planetary Science</i> , 2004, 39, 503-529.	1.6	52
14	KREEPy lunar meteorite Dhofar 287A: A new lunar mare basalt. <i>Meteoritics and Planetary Science</i> , 2003, 38, 485-499.	1.6	44
15	Petrogenesis of lunar meteorite EET 96008. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3499-3518.	3.9	50
16	The significance of mineral inclusions in large diamonds from Yakutia, Russia. <i>American Mineralogist</i> , 2003, 88, 912-920.	1.9	41
17	Martian meteorite Dhofar 019: A new shergottite. <i>Meteoritics and Planetary Science</i> , 2002, 37, 1107-1128.	1.6	108
18	Lunar Mare Soils: Space weathering and the major effects of surface-correlated nanophase Fe. <i>Journal of Geophysical Research</i> , 2001, 106, 27985-27999.	3.3	270

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19	Diamonds and Their Mineral Inclusions, and What They Tell Us: A Detailed "Pull-Apart" of a Diamondiferous Eclogite. <i>International Geology Review</i> , 2000, 42, 959-983.	2.1	82
20	Extreme Chemical Diversity in the Mantle during Eclogitic Diamond Formation: Evidence from 35 Garnet and 5 Pyroxene Inclusions in a Single Diamond. <i>International Geology Review</i> , 1998, 40, 567-578.	2.1	49
21	Vesta as the howardite, eucrite and diogenite parent body: Implications for the size of a core and for large-scale differentiation. <i>Meteoritics and Planetary Science</i> , 1997, 32, 825-840.	1.6	200
22	Eclogites with Oceanic Crustal and Mantle Signatures from the Bellsbank Kimberlite, South Africa, Part I: Mineralogy, Petrography, and Whole Rock Chemistry. <i>Journal of Geology</i> , 1989, 97, 551-567.	1.4	196