

Christian Vollmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6113191/publications.pdf>

Version: 2024-02-01

17
papers

426
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-60 in the Early Solar System Revisited: Insights from In Situ Isotope Analysis of Chondritic Troilite. <i>Astrophysical Journal</i> , 2022, 929, 107.	4.5	7
2	How do secondary iron enrichments form within basaltic eucrites? An experimental approach. <i>Meteoritics and Planetary Science</i> , 2021, 56, 911.	1.6	2
3	Isotope Systematics of Presolar Silicate Grains: New Insights from Magnesium and Silicon. <i>Astrophysical Journal</i> , 2021, 913, 10.	4.5	17
4	Origins of olivine in Earth's youngest kimberlite: Igwisi Hills volcanoes, Tanzania craton. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	9
5	Isotopic compositions, nitrogen functional chemistry, and low-loss electron spectroscopy of complex organic aggregates at the nanometer scale in the carbonaceous chondrite Renazzo. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1293-1319.	1.6	16
6	The presolar grain inventory of fine-grained chondrule rims in the Mighei-type (<sc>CM</sc>) chondrites. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1176-1206.	1.6	20
7	Amorphous silicates as a record of solar nebular and parent body processes—A transmission electron microscope study of fine-grained rims and matrix in three Antarctic CR chondrites. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1491-1508.	1.6	11
8	A primordial ¹⁵ N-depleted organic component detected within the carbonaceous chondrite Maribo. <i>Scientific Reports</i> , 2020, 10, 20251.	3.3	6
9	The brecciated texture of polymict eucrites: Petrographic investigations of unequilibrated meteorites from the Antarctic Yamato collection. <i>Meteoritics and Planetary Science</i> , 2020, 55, 558-574.	1.6	5
10	Chemical composition and iron oxidation state of amorphous matrix silicates in the carbonaceous chondrite Acfer 094. <i>Meteoritics and Planetary Science</i> , 2018, 53, 153-166.	1.6	18
11	Ancient stardust in fine-grained chondrule dust rims from carbonaceous chondrites. <i>Earth and Planetary Science Letters</i> , 2016, 434, 117-128.	4.4	43
12	New experimental approach to study aqueous alteration of amorphous silicates at low reaction rates. <i>Chemical Geology</i> , 2015, 412, 179-192.	3.3	25
13	Fluid-induced organic synthesis in the solar nebula recorded in extraterrestrial dust from meteorites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15338-15343.	7.1	29
14	DIRECT LABORATORY ANALYSIS OF SILICATE STARDUST FROM RED GIANT STARS. <i>Astrophysical Journal</i> , 2009, 700, 774-782.	4.5	53
15	NanoSIMS analysis and Auger electron spectroscopy of silicate and oxide stardust from the carbonaceous chondrite Acfer 094. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7127-7149.	3.9	73
16	Si Isotopic Compositions of Presolar Silicate Grains from Red Giant Stars and Supernovae. <i>Astrophysical Journal</i> , 2008, 684, 611-617.	4.5	43
17	Stellar MgSiO ₃ Perovskite: A Shock-transformed Stardust Silicate Found in a Meteorite. <i>Astrophysical Journal</i> , 2007, 666, L49-L52.	4.5	49