

David R Frank

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

418
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for interstellar origin of seven dust particles collected by the Stardust spacecraft. <i>Science</i> , 2014, 345, 786-791.	12.6	152
2	Olivine in terminal particles of Stardust aerogel tracks and analogous grains in chondrite matrix. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 240-259.	3.9	75
3	Final reports of the Stardust Interstellar Preliminary Examination. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1720-1733.	1.6	29
4	Stardust Interstellar Preliminary Examination X: Impact speeds and directions of interstellar grains on the Stardust dust collector. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1680-1697.	1.6	24
5	Stardust Interstellar Preliminary Examination <scp>II</scp>: Curating the interstellar dust collector, pikoestones, and sources of impact tracks. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1522-1547.	1.6	18
6	Stardust Interstellar Preliminary Examination <scp>IV</scp>: Scanning transmission X-ray microscopy analyses of impact features in the Stardust Interstellar Dust Collector. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1562-1593.	1.6	18
7	Stardust Interstellar Preliminary Examination <scp>XI</scp>: Identification and elemental analysis of impact craters on Al foils from the Stardust Interstellar Dust Collector. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1698-1719.	1.6	16
8	Stardust Interstellar Preliminary Examination I: Identification of tracks in aerogel. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1509-1521.	1.6	16
9	Stardust Interstellar Preliminary Examination <scp>VII</scp>: Synchrotron X-ray fluorescence analysis of six Stardust interstellar candidates measured with the Advanced Photon Source 2-Å ID microprobe. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1626-1644.	1.6	13
10	Stardust Interstellar Preliminary Examination VIII: Identification of crystalline material in two interstellar candidates. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1645-1665.	1.6	12
11	Stardust Interstellar Preliminary Examination <scp>VI</scp>: Quantitative elemental analysis by synchrotron X-ray fluorescence nanoimaging of eight impact features in aerogel. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1612-1625.	1.6	12
12	Stardust Interstellar Preliminary Examination V: <scp>XRF</scp> analyses of interstellar dust candidates at <scp>ESRF ID</scp> 13. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1594-1611.	1.6	12
13	Stardust Interstellar Preliminary Examination <scp>III</scp>: Infrared spectroscopic analysis of interstellar dust candidates. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1548-1561.	1.6	12
14	Coordinated Microanalyses of Seven Particles of Probable Interstellar Origin from the Stardust Mission.. <i>Microscopy and Microanalysis</i> , 2014, 20, 1692-1693.	0.4	9