

Thomas Mangan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/982772/publications.pdf>

Version: 2024-02-01

15
papers

234
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ ice structure and density under Martian atmospheric conditions. <i>Icarus</i> , 2017, 294, 201-208.	2.5	45
2	Meteoritic Metal Chemistry in the Martian Atmosphere. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 695-707.	3.6	28
3	Laboratory measurements of heterogeneous CO ₂ ice nucleation on nanoparticles under conditions relevant to the Martian mesosphere. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 753-769.	3.6	22
4	Experimental Study of the Removal of Ground- and Excited-State Phosphorus Atoms by Atmospherically Relevant Species. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9469-9478.	2.5	19
5	Nucleation of nitric acid hydrates in polar stratospheric clouds by meteoric material. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4519-4531.	4.9	18
6	Chemical modelling of dust-gas chemistry within AGB outflows – I. Effect on the gas-phase chemistry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2023-2041.	4.4	15
7	Uptake of acetylene on cosmic dust and production of benzene in Titan's atmosphere. <i>Icarus</i> , 2016, 278, 88-99.	2.5	14
8	Kinetic Study of Ni and NiO Reactions Pertinent to the Earth's Upper Atmosphere. <i>Journal of Physical Chemistry A</i> , 2019, 123, 601-610.	2.5	14
9	Heterogeneous Ice Nucleation by Soufriere Hills Volcanic Ash Immersed in Water Droplets. <i>PLoS ONE</i> , 2017, 12, e0169720.	2.5	14
10	Kinetic Study of the Reactions PO + O ₂ and PO ₂ + O ₃ and Spectroscopy of the PO Radical. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7911-7926.	2.5	10
11	Kinetic Study of the Reactions of AlO with H ₂ O and H ₂ ; Precursors to Stellar Dust Formation. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3385-3395.	2.7	9
12	The Meteoritic Ni Layer in the Upper Atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028083.	2.4	8
13	The Phase of Water Ice Which Forms in Cold Clouds in the Mesospheres of Mars, Venus, and Earth. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006796.	3.6	7
14	A study of the reactions of Ni ⁺ and NiO ⁺ ions relevant to planetary upper atmospheres. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8940-8951.	2.8	6
15	Kinetic Study of the Reactions of AlO and OAlO Relevant to Planetary Mesospheres. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 2007-2017.	2.7	5