

Walter Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

525
citations

1039880

9
h-index

996849

15
g-index

22
all docs

22
docs citations

22
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	SWAN: A study of Solar Wind Anisotropies on SOHO with Lyman alpha sky mapping. Solar Physics, 1995, 162, 403-439.	1.0	114
2	Pressure observations by the Curiosity rover: Initial results. Journal of Geophysical Research E: Planets, 2014, 119, 82-92.	1.5	84
3	Mars Science Laboratory relative humidity observations: Initial results. Journal of Geophysical Research E: Planets, 2014, 119, 2132-2147.	1.5	75
4	Interplanetary Lyman $\hat{\pm}$ line profiles derived from SWAN/SOHO hydrogen cell measurements: Full-sky Velocity Field. Journal of Geophysical Research, 1999, 104, 12585-12603.	3.3	65
5	Interplanetary hydrogen absolute ionization rates: Retrieving the solar wind mass flux latitude and cycle dependence with SWAN/SOHO maps. Journal of Geophysical Research, 2006, 111, .	3.3	45
6	SWAN/SOHO Lyman $\hat{\pm}$ Mapping: The Hydrogen Geocorona Extends Well Beyond the Moon. Journal of Geophysical Research: Space Physics, 2019, 124, 861-885.	0.8	43
7	A sophisticated lander for scientific exploration of Mars: scientific objectives and implementation of the Mars-96 Small Station. Planetary and Space Science, 1998, 46, 717-737.	0.9	32
8	Monitoring solar activity on the far side of the sun from sky reflected Lyman $\hat{\pm}$ radiation. Geophysical Research Letters, 2000, 27, 1331-1334.	1.5	28
9	Global Distribution of the Solar Wind Flux and Velocity From SOHO/SWAN During SC23 and SC24. Geophysical Research Letters, 2019, 46, 4114-4121.	1.5	16
10	The MetNet vehicle: a lander to deploy environmental stations for local and global investigations of Mars. Geoscientific Instrumentation, Methods and Data Systems, 2017, 6, 103-124.	0.6	6
11	Multipulse and double-pulse velocities of Scandinavian Twin Auroral Radar Experiment (STARE) echoes. Radio Science, 2005, 40, n/a-n/a.	0.8	4
12	The STARE/SABRE story. History of Geo- and Space Sciences, 2014, 5, 63-72.	0.1	4
13	New analysis software for Viking Lander meteorological data. Geoscientific Instrumentation, Methods and Data Systems, 2013, 2, 61-69.	0.6	4
14	Multiple Scattering Effects in the Interplanetary Medium: Evaluation Using SOHO SWAN and MAVEN EUVM Lyman $\hat{\pm}$ Measurements. Journal of Geophysical Research: Space Physics, 2019, 124, 3949-3960.	0.8	2
15	Wind reconstruction algorithm for Viking Lander 1. Geoscientific Instrumentation, Methods and Data Systems, 2017, 6, 217-229.	0.6	1
16	CITYZER observation network and data delivery system. Geoscientific Instrumentation, Methods and Data Systems, 2020, 9, 397-406.	0.6	0