

Jody K Wilson

List of Publications by Year in descending order

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16
papers

212
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the worsening galactic cosmic radiation environment observed by CRaTER preclude future manned deep space exploration?. <i>Space Weather</i> , 2014, 12, 622-632.	3.7	55
2	Escape rates and variability constraints for high-energy sodium sources at Mercury. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	27
3	Relative contributions of galactic cosmic rays and lunar proton albedo to dose and dose rates near the Moon. <i>Space Weather</i> , 2013, 11, 643-650.	3.7	26
4	Validation of PREDICCS using LRO/CRaTER observations during three major solar events in 2012. <i>Space Weather</i> , 2013, 11, 350-360.	3.7	21
5	Measurements of galactic cosmic ray shielding with the CRaTER instrument. <i>Space Weather</i> , 2013, 11, 284-296.	3.7	19
6	The first cosmic ray albedo proton map of the Moon. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
7	Radiation modeling in the Earth and Mars atmospheres using LRO/CRaTER with the EMMREM Module. <i>Space Weather</i> , 2014, 12, 112-119.	3.7	8
8	Analysis of the potential radiation hazard of the 23 July 2012 SEP event observed by STEREO A using the EMMREM model and LRO/CRaTER. <i>Space Weather</i> , 2015, 13, 560-567.	3.7	8
9	Galactic Cosmic Radiation in the Interplanetary Space Through a Modern Secular Minimum. <i>Space Weather</i> , 2020, 18, e2019SW002428.	3.7	6
10	CRaTER observations and permissible mission duration for human operations in deep space. <i>Life Sciences in Space Research</i> , 2020, 26, 149-162.	2.3	6
11	Absorbed doses from GCR and albedo particles emitted by the lunar surface. <i>Acta Astronautica</i> , 2020, 175, 185-189.	3.2	6
12	Atmospheric radiation modeling of galactic cosmic rays using LRO/CRaTER and the EMMREM model with comparisons to balloon and airline based measurements. <i>Space Weather</i> , 2016, 14, 659-667.	3.7	5
13	Modeling the effectiveness of shielding in the earth-moon-mars radiation environment using PREDICCS: five solar events in 2012. <i>Journal of Space Weather and Space Climate</i> , 2017, 7, A16.	3.3	5
14	Composition variations of major lunar elements: Possible impacts on lunar albedo spectra. <i>Icarus</i> , 2021, 369, 114629.	2.5	4
15	Long-Term Observations of Galactic Cosmic Ray LET Spectra in Lunar Orbit by LRO/CRaTER. <i>Space Weather</i> , 2020, 18, e2020SW002543.	3.7	3
16	Evidence From Galactic Cosmic Rays That the Sun Has Likely Entered a Secular Minimum in Solar Activity. <i>Space Weather</i> , 2022, 20, .	3.7	1