

Svetlana Shkolyar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

99
citations

1684188

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1372567

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23
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23
docs citations

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times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Characterization of the CanMars Rover Field Campaign Samples Using the Raman Laser Spectrometer ExoMars Simulator: Implications for Mars and Planetary Exploration. <i>Astrobiology</i> , 2022, , .	3.0	3
2	Identifying Shocked Feldspar on Mars Using Perseverance Spectroscopic Instruments: Implications for Geochronology Studies on Returned Samples. <i>Earth, Moon and Planets</i> , 2022, 126, .	0.6	4
3	The power of paired proximity science observations: Co-located data from SHERLOC and PIXL on Mars. <i>Icarus</i> , 2022, 387, 115179.	2.5	11
4	Detecting Ce ³⁺ as a biosignature mimicker using UV time-resolved laser-induced fluorescence and Raman spectroscopy: Implications for planetary missions. <i>Icarus</i> , 2021, 354, 114093.	2.5	16
5	Structural and vibrational analyses of CePO ₄ synthetic monazite samples under an optimized precipitation process. <i>Journal of Molecular Structure</i> , 2021, 1223, 129150.	3.6	8
6	Deep Trek: Science of Subsurface Habitability & Life on Mars. , 2021, 53, .		3
7	Mars as a compelling target in the continuing search for signs of ancient extraterrestrial life. , 2021, 53, .		1
8	Salty Environments: The importance of evaporites and brine environments as habitats and preservers of biosignatures. , 2021, 53, .		3
9	Mars Astrobiological Cave and Internal habitability Explorer (MACIE): A New Frontiers Mission Concept. , 2021, 53, .		1
10	Deep Trek: Mission Concepts for Exploring Subsurface Habitability & Life on Mars – A Window into Subsurface Life in the Solar System. , 2021, 53, .		0
11	Detecting Kerogen as a Biosignature Using Colocated UV Time-Gated Raman and Fluorescence Spectroscopy. <i>Astrobiology</i> , 2018, 18, 431-453.	3.0	34
12	Biosignature Preservation Potential in Playa Evaporites: Impacts of Diagenesis and Implications for Mars Exploration. <i>Astrobiology</i> , 2018, 18, 1460-1478.	3.0	9
13	FIRE - Flyby of Io with Repeat Encounters: A conceptual design for a New Frontiers mission to Io. <i>Advances in Space Research</i> , 2017, 60, 1080-1100.	2.6	1
14	CHROMOSPHERIC MASS MOTIONS AND INTRINSIC SUNSPOT ROTATIONS FOR NOAA ACTIVE REGIONS 10484, 10486, AND 10488 USING ISOON DATA. <i>Astrophysical Journal</i> , 2013, 773, 60.	4.5	3
15	Highway to nobel. <i>Engineering and Technology</i> , 2009, 4, 18-21.	0.1	0
16	Protecting David. <i>Engineering and Technology</i> , 2009, 4, 23-25.	0.1	0
17	People's astronomy. <i>Engineering and Technology</i> , 2009, 4, 26-28.	0.1	0
18	Reaching for the stars. <i>Engineering and Technology</i> , 2009, 4, 76-79.	0.1	1

#	ARTICLE	IF	CITATIONS
19	What goes up [space colonisation]. Engineering and Technology, 2008, 3, 19-21.	0.1	0
20	Regaining the self [deep brain simulation]. Engineering and Technology, 2008, 3, 16-19.	0.1	0
21	Shuttle of approval [space launch]. Engineering and Technology, 2007, 2, 36-37.	0.1	1