

Steven F Sholes

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

253
citations

1307594

7
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Perseverance rover reveals an ancient delta-lake system and flood deposits at Jezero crater, Mars. <i>Science</i> , 2021, 374, 711-717.	12.6	86
2	Transient Sulfate Aerosols as a Signature of Exoplanet Volcanism. <i>Astrobiology</i> , 2015, 15, 462-477.	3.0	52
3	Anoxic atmospheres on Mars driven by volcanism: Implications for past environments and life. <i>Icarus</i> , 2017, 290, 46-62.	2.5	24
4	Where are Mars's Hypothesized Ocean Shorelines? Large Lateral and Topographic Offsets Between Different Versions of Paleoshoreline Maps. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006486.	3.6	23
5	Time scales of erosion and deposition recorded in the residual south polar cap of Mars. <i>Icarus</i> , 2013, 225, 923-932.	2.5	19
6	A Maximum Subsurface Biomass on Mars from Untapped Free Energy: CO and H ₂ as Potential Antibiosignatures. <i>Astrobiology</i> , 2019, 19, 655-668.	3.0	19
7	Quantitative High-Resolution Reexamination of a Hypothesized Ocean Shoreline in Cydonia Mensae on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 316-336.	3.6	18
8	Constraints on the uncertainty, timing, and magnitude of potential Mars oceans from topographic deformation models. <i>Icarus</i> , 2022, 378, 114934.	2.5	8
9	Impact craters and the observability of ancient martian shorelines. <i>Icarus</i> , 2022, 387, 115178.	2.5	2