Peter Fawdon

List of Publications by Year
in descending order

		759233	839539
18	436	12	18
papers	citations	h-index	g-index

31	31	31	472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxia Planum: The Landing Site for the ExoMars â€œRosalind Franklinâ€•Rover Mission: Geological Context and Prelanding Interpretation. Astrobiology, 2021, 21, 345-366.	3.0	84
2	The geological history of Nili Patera, Mars. Journal of Geophysical Research E: Planets, 2015, 120, 951-977.	3.6	63
3	A Diverse Array of Fluvial Depositional Systems in Arabia Terra: Evidence for midâ€Noachian to Early Hesperian Rivers on Mars. Journal of Geophysical Research E: Planets, 2019, 124, 1913-1934.	3.6	48
4	The Hypanis Valles delta: The last highstand of a sea on early Mars?. Earth and Planetary Science Letters, 2018, 500, 225-241.	4.4	41
5	Amazonian-aged fluvial system and associated ice-related features in Terra Cimmeria, Mars. Icarus, 2016, 277, 286-299.	2.5	25
6	Hypotheses for the origin of the Hypanis fan-shaped deposit at the edge of the Chryse escarpment, Mars: Is it a delta?. Icarus, 2019, 319, 885-908.	2.5	25
7	The Aeolian Environment of the Landing Site for the ExoMars Rosalind Franklin Rover in Oxia Planum, Mars. Journal of Geophysical Research E: Planets, 2021, 126, 2020JE006723.	3.6	20
8	Aram Dorsum: An Extensive Midâ€Noachian Age Fluvial Depositional System in Arabia Terra, Mars. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006244.	3.6	19
9	Episodic and Declining Fluvial Processes in Southwest Melas Chasma, Valles Marineris, Mars. Journal of Geophysical Research E: Planets, 2018, 123, 2527-2549.	3.6	18
10	Morphology, Morphometry and Distribution of Isolated Landforms in Southern Chryse Planitia, Mars. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006775.	3.6	16
11	The geography of Oxia Planum. Journal of Maps, 2021, 17, 621-637.	2.0	16
12	Surface-based 3D measurements of small aeolian bedforms on Mars and implications for estimating ExoMars rover traversability hazards. Planetary and Space Science, 2018, 153, 39-53.	1.7	14
13	Rapid Single Image-Based DTM Estimation from ExoMars TGO CaSSIS Images Using Generative Adversarial U-Nets. Remote Sensing, 2021, 13, 2877.	4.0	12
14	Rivers and Lakes in Western Arabia Terra: The Fluvial Catchment of the ExoMars 2022 Rover Landing Site. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	9
15	The 2016 UK Space Agency Mars Utah Rover Field Investigation (MURFI). Planetary and Space Science, 2019, 165, 31-56.	1.7	7
16	Geomorphological Evidence of Localized Stagnant Ice Deposits in Terra Cimmeria, Mars. Journal of Geophysical Research E: Planets, 2019, 124, 1525-1541.	3.6	4
17	Impact crater degradation, Oxia Planum, Mars. Journal of Maps, 2021, 17, 581-590.	2.0	4
18	The Evolution of Ancient Fluvial Systems in Memnonia Sulci, Mars: Impact Crater Damming, Aggradation, and a Large Water Body on the Dichotomy?. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	2