

Michael L Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1538823/publications.pdf>

Version: 2024-02-01

19
papers

2,430
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	A Habitable Fluvio-Lacustrine Environment at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1242777.	12.6	687
2	Mars's Surface Radiation Environment Measured with the Mars Science Laboratory's Curiosity Rover. <i>Science</i> , 2014, 343, 1244797.	12.6	475
3	Living at the Extremes: Extremophiles and the Limits of Life in a Planetary Context. <i>Frontiers in Microbiology</i> , 2019, 10, 780.	3.5	339
4	The atmosphere of Pluto as observed by New Horizons. <i>Science</i> , 2016, 351, aad8866.	12.6	201
5	Low Upper Limit to Methane Abundance on Mars. <i>Science</i> , 2013, 342, 355-357.	12.6	103
6	Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , 2018, 300, 174-199.	2.5	90
7	Nitrogen Oxides in Early Earth's Atmosphere as Electron Acceptors for Life's Emergence. <i>Astrobiology</i> , 2017, 17, 975-983.	3.0	88
8	Superionic to Superionic Phase Change in Water: Consequences for the Interiors of Uranus and Neptune. <i>Physical Review Letters</i> , 2013, 110, 151102.	7.8	80
9	The photochemistry of Pluto's atmosphere as illuminated by New Horizons. <i>Icarus</i> , 2017, 287, 110-115.	2.5	75
10	Constraints on the microphysics of Pluto's photochemical haze from New Horizons observations. <i>Icarus</i> , 2017, 287, 116-123.	2.5	73
11	Methane on Mars and Habitability: Challenges and Responses. <i>Astrobiology</i> , 2018, 18, 1221-1242.	3.0	50
12	Claimed Detection of PH ₃ in the Clouds of Venus Is Consistent with Mesospheric SO ₂ . <i>Astrophysical Journal Letters</i> , 2021, 908, L44.	8.3	40
13	Defining Lyfe in the Universe: From Three Privileged Functions to Four Pillars. <i>Life</i> , 2020, 10, 42.	2.4	37
14	Thermal conductivity of argon at high pressures and high temperatures. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	25
15	Pluto's implications for a Snowball Titan. <i>Icarus</i> , 2015, 246, 192-196.	2.5	17
16	Asymptotic burnout and homeostatic awakening: a possible solution to the Fermi paradox?. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20220029.	3.4	11
17	Nitrogen Fixation at Early Mars. <i>Astrobiology</i> , 2021, 21, 968-980.	3.0	10
18	Searching for Life, Mindful of Lyfe's Possibilities. <i>Life</i> , 2022, 12, 783.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Modeling Virus and Bacteria Populations in Europa's Subsurface Ocean. <i>Life</i> , 2022, 12, 620.	2.4	4