

# Jonathan L Mitchell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6296718/publications.pdf>

Version: 2024-02-01

10  
papers

440  
citations

1040056

9  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamics behind Titan's methane clouds. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18421-18426.	7.1	100
2	The drying of Titan's dunes: Titan's methane hydrology and its impact on atmospheric circulation. Journal of Geophysical Research, 2008, 113, .	3.3	85
3	The Climate of Titan. Annual Review of Earth and Planetary Sciences, 2016, 44, 353-380.	11.0	64
4	Axisymmetric, nearly inviscid circulations in noncondensing radiativeconvective atmospheres. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1269-1285.	2.7	42
5	Titan's asymmetric lake distribution mediated by methane transport due to atmospheric eddies. Geophysical Research Letters, 2015, 42, 6213-6220.	4.0	35
6	Effects of Rotation Rate and Seasonal Forcing on the ITCZ Extent in Planetary Atmospheres. Journals of the Atmospheric Sciences, 2017, 74, 665-678.	1.7	30
7	Titan's climate patterns and surface methane distribution due to the coupling of land hydrology and atmosphere. Nature Astronomy, 2020, 4, 390-398.	10.1	30
8	TITAN'S TRANSPORT-DRIVEN METHANE CYCLE. Astrophysical Journal Letters, 2012, 756, L26.	8.3	28
9	Meridional variation in tropospheric methane on Titan observed with AO spectroscopy at Keck and VLT. Icarus, 2016, 270, 376-388.	2.5	24
10	North Atlantic and Pacific Quasi-Stationary Parts of Atmospheric Rivers and Their Implications for East Asian Monsoon Onset. Geophysical Research Letters, 2019, 46, 12311-12320.	4.0	2