

Apurva V Oza

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

573
citations

687363

13
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of a weak surface magnetic field on Sirius A: are all tepid stars magnetic?. <i>Astronomy and Astrophysics</i> , 2011, 532, L13.	5.1	78
2	Linking the evolution of terrestrial interiors and an early outgassed atmosphere to astrophysical observations. <i>Astronomy and Astrophysics</i> , 2019, 631, A103.	5.1	76
3	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. <i>Astrophysical Journal</i> , 2016, 817, 166.	4.5	68
4	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system. <i>Astronomy and Astrophysics</i> , 2015, 576, A133.	5.1	50
5	On the orbital variability of Ganymede's atmosphere. <i>Icarus</i> , 2017, 293, 185-198.	2.5	47
6	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. <i>Astronomical Journal</i> , 2018, 156, 286.	4.7	44
7	Sodium and Potassium Signatures of Volcanic Satellites Orbiting Close-in Gas Giant Exoplanets. <i>Astrophysical Journal</i> , 2019, 885, 168.	4.5	38
8	VOLATILE LOSS AND CLASSIFICATION OF KUIPER BELT OBJECTS. <i>Astrophysical Journal</i> , 2015, 809, 43.	4.5	27
9	Alkaline exospheres of exoplanet systems: evaporative transmission spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5271-5291.	4.4	26
10	Tidal pull of the Earth strips the proto-Moon of its volatiles. <i>Icarus</i> , 2021, 364, 114451.	2.5	23
11	Dusk over dawn O ₂ asymmetry in Europa's near-surface atmosphere. <i>Planetary and Space Science</i> , 2019, 167, 23-32.	1.7	21
12	Downward Oxidant Transport Through Europa's Ice Shell by Density-Driven Brine Percolation. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	20
13	Dusk/dawn atmospheric asymmetries on tidally-locked satellites: O ₂ at Europa. <i>Icarus</i> , 2018, 305, 50-55.	2.5	14
14	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. <i>Proceedings of SPIE</i> , 2014, , .	0.8	11
15	The Origin and Fate of O ₂ in Europa's Ice: An Atmospheric Perspective. <i>Space Science Reviews</i> , 2019, 215, 1.	8.1	9
16	THE FIRST ALLWISE PROPER MOTION DISCOVERY: WISEA J070720.50+170532.7. <i>Astronomical Journal</i> , 2014, 147, 61.	4.7	8
17	Weak magnetic fields of intermediate-mass stars. <i>Astronomische Nachrichten</i> , 2011, 332, 943-947.	1.2	6
18	Evolution of Mercury's Earliest Atmosphere. <i>Planetary Science Journal</i> , 2021, 2, 230.	3.6	5

#	ARTICLE	IF	CITATIONS
19	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. Proceedings of the International Astronomical Union, 2013, 8, 70-71.	0.0	2