

Amit Misra

List of Publications by Year in descending order

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7
papers

548
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	IDENTIFYING PLANETARY BIOSIGNATURE IMPOSTORS: SPECTRAL FEATURES OF CO AND O ₄ RESULTING FROM ABIOTIC O ₂ /O ₃ PRODUCTION. <i>Astrophysical Journal Letters</i> , 2016, 819, L13.	8.3	100
2	3D MODELING OF GJ1214b's ATMOSPHERE: FORMATION OF INHOMOGENEOUS HIGH CLOUDS AND OBSERVATIONAL IMPLICATIONS. <i>Astrophysical Journal Letters</i> , 2015, 813, L1.	8.3	107
3	DETECTING AND CONSTRAINING N ₂ ABUNDANCES IN PLANETARY ATMOSPHERES USING COLLISIONAL PAIRS. <i>Astrophysical Journal</i> , 2015, 810, 57.	4.5	73
4	Transient Sulfate Aerosols as a Signature of Exoplanet Volcanism. <i>Astrobiology</i> , 2015, 15, 462-477.	3.0	52
5	DISCRIMINATING BETWEEN CLOUDY, HAZY, AND CLEAR SKY EXOPLANETS USING REFRACTION. <i>Astrophysical Journal Letters</i> , 2014, 795, L14.	8.3	35
6	Using Dimers to Measure Biosignatures and Atmospheric Pressure for Terrestrial Exoplanets. <i>Astrobiology</i> , 2014, 14, 67-86.	3.0	88
7	THE EFFECTS OF REFRACTION ON TRANSIT TRANSMISSION SPECTROSCOPY: APPLICATION TO EARTH-LIKE EXOPLANETS. <i>Astrophysical Journal</i> , 2014, 792, 61.	4.5	93