

Benjamin Drummond

List of Publications by Year in descending order

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9
papers

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735
citing authors

#	ARTICLE	IF	CITATIONS
1	DETECTION OF H ₂ O AND EVIDENCE FOR TiO/VO IN AN ULTRA-HOT EXOPLANET ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2016, 822, L4.	8.3	181
2	FINGERING CONVECTION AND CLOUDLESS MODELS FOR COOL BROWN DWARF ATMOSPHERES. <i>Astrophysical Journal Letters</i> , 2015, 804, L17.	8.3	164
3	The Complete Transmission Spectrum of WASP-39b with a Precise Water Constraint. <i>Astronomical Journal</i> , 2018, 155, 29.	4.7	142
4	Advection of Potential Temperature in the Atmosphere of Irradiated Exoplanets: A Robust Mechanism to Explain Radius Inflation. <i>Astrophysical Journal</i> , 2017, 841, 30.	4.5	109
5	Observable Signatures of Wind-driven Chemistry with a Fully Consistent Three-dimensional Radiative Hydrodynamics Model of HD 209458b. <i>Astrophysical Journal Letters</i> , 2018, 855, L31.	8.3	56
6	The 3D Thermal, Dynamical, and Chemical Structure of the Atmosphere of HD 189733b: Implications of Wind-driven Chemistry for the Emission Phase Curve. <i>Astrophysical Journal</i> , 2018, 869, 28.	4.5	47
7	Thermo-compositional Diabatic Convection in the Atmospheres of Brown Dwarfs and in Earth's Atmosphere and Oceans. <i>Astrophysical Journal</i> , 2019, 876, 144.	4.5	36
8	The Limits of the Primitive Equations of Dynamics for Warm, Slowly Rotating Small Neptunes and Super Earths. <i>Astrophysical Journal</i> , 2019, 871, 56.	4.5	35
9	Ground-based Transmission Spectroscopy with VLT FORS2: Evidence for Faculae and Clouds in the Optical Spectrum of the Warm Saturn WASP-110b. <i>Astronomical Journal</i> , 2021, 162, 88.	4.7	6