

Elspeth K H Lee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

457
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud-convection Feedback in Brown Dwarf Atmospheres. <i>Astrophysical Journal</i> , 2022, 929, 153.	4.5	4
2	3D Radiative Transfer for Exoplanet Atmospheres. gCMCRT: A GPU-accelerated MCRT Code. <i>Astrophysical Journal</i> , 2022, 929, 180.	4.5	20
3	Decomposing the iron cross-correlation signal of the ultra-hot Jupiter WASP-76b in transmission using 3D Monte Carlo radiative transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1258-1283.	4.4	45
4	Simulating gas giant exoplanet atmospheres with Exo-FMS: comparing semigrey, picket fence, and correlated- k radiative-transfer schemes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2695-2711.	4.4	31
5	How does thermal scattering shape the infrared spectra of cloudy exoplanets? A theoretical framework and consequences for atmospheric retrievals in the JWST era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1309-1332.	4.4	14
6	All along the line of sight: a closer look at opening angles and absorption regions in the atmospheres of transiting exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 620-629.	4.4	21
7	A Comparative Study of Atmospheric Chemistry with VULCAN. <i>Astrophysical Journal</i> , 2021, 923, 264.	4.5	39
8	Understanding and mitigating biases when studying inhomogeneous emission spectra with JWST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4342-4354.	4.4	63
9	Simplified 3D GCM modelling of the irradiated brown dwarf WD 0137+349B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4674-4687.	4.4	26
10	2.5D retrieval of atmospheric properties from exoplanet phase curves: application to WASP-43b observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 106-125.	4.4	57
11	Aerosol composition of hot giant exoplanets dominated by silicates and hydrocarbon hazes. <i>Nature Astronomy</i> , 2020, 4, 951-956.	10.1	137