

Claire L Davies

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

546
citations

623734

14
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	SONS: The JCMT legacy survey of debris discs in the submillimetre. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3606-3663.	4.4	106
2	A triple-star system with a misaligned and warped circumstellar disk shaped by disk tearing. Science, 2020, 369, 1233-1238.	12.6	63
3	MIRC-X: A Highly Sensitive Six-telescope Interferometric Imager at the CHARA Array. Astronomical Journal, 2020, 160, 158.	4.7	44
4	Accretion discs as regulators of stellar angular momentum evolution in the ONC and Taurusâ€“Auriga. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1157-1176.	4.4	34
5	The influence of radiative core growth on coronal X-ray emission from pre-main-sequence stars. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3836-3858.	4.4	21
6	A Multi-instrument and Multi-wavelength High Angular Resolution Study of MWC 614: Quantum Heated Particles Inside the Disk Cavity*. Astrophysical Journal, 2018, 855, 44.	4.5	21
7	Probing the Inner Disk Emission of the Herbig Ae Stars HD 163296 and HD 190073. Astrophysical Journal, 2018, 869, 164.	4.5	21
8	Investigating the Relative Gas and Small Dust Grain Surface Heights in Protoplanetary Disks. Astrophysical Journal, 2021, 913, 138.	4.5	21
9	Starâ€“disc (mis-)alignment in Rho Oph and Upper Sco: insights from spatially resolved disc systems with K2 rotation periods. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1926-1935.	4.4	19
10	Spinâ€“Orbit Alignment of the $\hat{1}^2$ Pictoris Planetary System. Astrophysical Journal Letters, 2020, 897, L8.	8.3	19
11	The orbit and stellar masses of the archetype colliding-wind binary WRâ€“140. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5221-5230.	4.4	19
12	Interferometric Detections of sdO Companions Orbiting Three Classical Be Stars. Astrophysical Journal, 2022, 926, 213.	4.5	19
13	Dusty disk winds at the sublimation rim of the highly inclined, low mass young stellar object SU Aurigae. Astronomy and Astrophysics, 2019, 627, A36.	5.1	17
14	Simultaneous Spectral Energy Distribution and Near-infrared Interferometry Modeling of HD 142666. Astrophysical Journal, 2018, 866, 23.	4.5	15
15	The REASONS Survey: Resolved Millimeter Observations of a Large Debris Disk around the Nearby F Star HD 170773. Astrophysical Journal, 2019, 881, 84.	4.5	15
16	Viscous heating in the disk of the outbursting star FU Orionis. Astronomy and Astrophysics, 2021, 646, A102.	5.1	13
17	The Inner Disk of RY Tau: Evidence of Stellar Occultation by the Disk Atmosphere at the Sublimation Rim from K-band Continuum Interferometry. Astrophysical Journal, 2020, 897, 31.	4.5	13
18	$\hat{1}^2$ Gem: A Hierarchical Triple System with an Outer Be Star. Astrophysical Journal, 2021, 916, 24.	4.5	11

#	ARTICLE	IF	CITATIONS
19	Probing the origin of UX Ori-type variability in the YSO binary CO Ori with VLTI/GRAVITY. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5406-5412.	4.4	10
20	ARMADA. I. Triple Companions Detected in B-type Binaries $\hat{\iota}$ Del and $\hat{\iota}$ Gem. Astronomical Journal, 2021, 161, 40.	4.7	10
21	EXPRES. III. Revealing the Stellar Activity Radial Velocity Signature of $\check{\mu}$ Eridani with Photometry and Interferometry. Astronomical Journal, 2022, 163, 19.	4.7	10
22	The First Dynamical Mass Determination of a Nitrogen-rich Wolf-Rayet Star Using a Combined Visual and Spectroscopic Orbit. Astrophysical Journal Letters, 2021, 908, L3.	8.3	8
23	Compact gaseous accretion disk in Keplerian rotation around MWC 147. Astronomy and Astrophysics, 2019, 623, A38.	5.1	7
24	SEDBYS: A python-based SED Builder for Young Stars. SoftwareX, 2021, 14, 100687.	2.6	4
25	The Interferometric Binary $\check{\mu}$ Cnc in Praesepe: Precise Masses and Age. Astronomical Journal, 2022, 164, 34.	4.7	3
26	Scattering and sublimation: a multiscale view of $\hat{\text{A}}\mu\text{m}$ -sized dust in the inclined disc of HD 145718. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2434-2452.	4.4	2
27	Angular momentum evolution during star and planetary system formation. Proceedings of the International Astronomical Union, 2013, 8, 210-211.	0.0	1