Lucas Cieza

List of Publications by Year
in descending order

59 papers	3,172 citations	109321 35 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	2178 citing authors

#	Article	IF	Citations
1	TheSpitzerc2d Survey of Large, Nearby, Interstellar Clouds. III. Perseus Observed with IRAC. Astrophysical Journal, 2006, 645, 1246-1263.	4.5	186
2	TheSpitzerc2d Survey of Weakâ€Line T Tauri Stars. II. New Constraints on the Timescale for Planet Building. Astrophysical Journal, 2007, 667, 308-328.	4.5	173
3	A â€œStarlessâ€•Core that Isn't: Detection of a Source in the L1014 Dense Core with the Spitzer Space Telescope. Astrophysical Journal, Supplement Series, 2004, 154, 396-401.	7.7	146
4	The Spitzer c2d Survey of Nearby Dense Cores. II. Discovery of a Low-Luminosity Object in the "Evolved Starless Core" L1521F. Astrophysical Journal, 2006, 649, L37-L40.	4.5	132
5	TheSpitzerc2d Survey of Large, Nearby, Insterstellar Clouds. II. Serpens Observed with IRAC. Astrophysical Journal, 2006, 644, 307-325.	4.5	127
6	ACCRETION KINEMATICS THROUGH THE WARPED TRANSITION DISK IN HD 142527 FROM RESOLVED CO(6â€“5) OBSERVATIONS. Astrophysical Journal, 2015, 811, 92.	4.5	117
7	ASPITZERc2d LEGACY SURVEY TO IDENTIFY AND CHARACTERIZE DISKS WITH INNER DUST HOLES. Astrophysical Journal, 2010, 718, 1200-1223.	4.5	116
8	A COMPACT CONCENTRATION OF LARGE GRAINS IN THE HD 142527 PROTOPLANETARY DUST TRAP. Astrophysical Journal, 2015, 812, 126.	4.5	114
9	THESPITZERc2d SURVEY OF WEAK-LINE T TAURI STARS. III. THE TRANSITION FROM PRIMORDIAL DISKS TO DEBRIS DISKS. Astrophysical Journal, 2010, 724, 835-854.	4.5	103
10	The ice composition in the disk around V883 Ori revealed by its stellar outburst. Nature Astronomy, 2019, 3, 314-319.	10.1	87
11	Testing the Disk Regulation Paradigm withSpitzerObservations. II. A Clear Signature of Starâ€Disk Interaction in NGC 2264 and the Orion Nebula Cluster. Astrophysical Journal, 2007, 671, 605-615.	4.5	79
12	Cavity and other radial substructures in the disk around HD 97048. Astronomy and Astrophysics, 2017, 597, A32.	5.1	79
13	TheSPITZERc2d Survey of Weakâ€Line T Tauri Stars. I. Initial Results. Astrophysical Journal, 2006, 645, 1283-1296.	4.5	77
14	CO GAS INSIDE THE PROTOPLANETARY DISK CAVITY IN HD 142527: DISK STRUCTURE FROM ALMA. Astrophysical Journal, 2015, 798, 85.	4.5	75
15	An inner warp in the DoAr 44 T Tauri transition disc. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5104-5114.	4.4	70
16	The Ophiuchus DIsk Survey Employing ALMA (ODISEA): Disk Dust Mass Distributions across Protostellar Evolutionary Classes. Astrophysical Journal Letters, 2019, 875, L9.	8.3	69
17	Dust Unveils the Formation of a Mini-Neptune Planet in a Protoplanetary Ring. Astronomical Journal, 2019, 158, 15.	4.7	68
18	No Clear, Direct Evidence for Multiple Protoplanets Orbiting LkCa 15: LkCa 15 bcd are Likely Inner Disk Signals. Astrophysical Journal Letters, 2019, 877, L3.	8.3	67

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19	A ring-like concentration of mm-sized particles in SzÂ91. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L29-L33.	3.3	61
20	TheSpitzerc2d Survey of Nearby Dense Cores. IV. Revealing the Embedded Cluster in B59. Astrophysical Journal, 2007, 655, 364-374.	4.5	58
21	GAS INSIDE THE 97 AU CAVITY AROUND THE TRANSITION DISK Sz 91. Astrophysical Journal, 2015, 805, 21.	4.5	55
22	TheSpitzerSurvey of Interstellar Clouds in the Gould Belt. I. IC 5146 Observed With IRAC and MIPS. Astrophysical Journal, 2008, 680, 495-516.	4.5	53
23	Flybys in protoplanetary discs â€“ II. Observational signatures. Monthly Notices of the Royal Astronomical Society, 2020, 491, 504-514.	4.4	51
24	Testing the Disk Regulation Paradigm withSpitzerObservations. I. Rotation Periods of Preâ€“Mainâ€Sequence Stars in the IC 348 Cluster. Astrophysical Journal, 2006, 649, 862-878.	4.5	50
25	Tip of the Red Giant Branch Distances to NGC 4214, UGC 685, and UGC 5456. Astronomical Journal, 2002, 123, 1307-1315.	4.7	50
26	Disks Around T Tauri Stars with SPHERE (DARTTS-S). Astronomy and Astrophysics, 2020, 633, A82.	5.1	47
27	TheSpitzerc2d Survey of Large, Nearby, Interstellar Clouds. VIII. Serpens Observed with MIPS. Astrophysical Journal, 2007, 663, 1139-1148.	4.5	46
28	The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spinâ€“Orbit Misalignment[*]. Astronomical Journal, 2017, 154, 165.	4.7	45
29	MAPPING THE SHORES OF THE BROWN DWARF DESERT. IV. OPHIUCHUS. Astrophysical Journal, 2015, 813, 83.	4.5	44
30	Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. Astrophysical Journal Letters, 2020, 889, L24.	8.3	42
31	THE FIRST SCIENCE RESULTS FROM SPHERE: DISPROVING THE PREDICTED BROWN DWARF AROUND V471 TAU. Astrophysical Journal Letters, 2015, 800, L24.	8.3	41
32	HD 169142 in the eyes of ZIMPOL/SPHERE. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5105-5113.	4.4	41
33	Census of Ï Ophiuchi candidate members from Gaia Data Release 2. Astronomy and Astrophysics, 2019, 626, A80.	5.1	41
34	Probing the final stages of protoplanetary disk evolution with ALMA. Astronomy and Astrophysics, 2015, 583, A66.	5.1	39
35	ALMA Observations of Elias 2â€“24: A Protoplanetary Disk with Multiple Gaps in the Ophiuchus Molecular Cloud. Astrophysical Journal Letters, 2017, 851, L23.	8.3	37
36	An 80 au cavity in the disk around HD 34282. Astronomy and Astrophysics, 2017, 607, A55.	5.1	37

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37	The widest HÎ± survey of accreting protoplanets around nearby transition disks. Astronomy and Astrophysics, 2020, 633, A119.	5.1	36
38	TheSpitzerc2d Survey of Large, Nearby, Interstellar Clouds. V. Chamaeleon II Observed with IRAC. Astrophysical Journal, 2007, 656, 493-504.	4.5	35
39	Resolving the FU Orionis System with ALMA: Interacting Twin Disks?. Astrophysical Journal, 2020, 889, 59.	4.5	33
40	ALMA study of the HD 100453 AB system and the tidal interaction of the companion with the disk. Astronomy and Astrophysics, 2019, 624, A33.	5.1	31
41	THE EARLY ALMA VIEW OF THE FU Ori OUTBURST SYSTEM. Astrophysical Journal, 2015, 812, 134.	4.5	27
42	A dusty filament and turbulent CO spirals in HDâ€‰135344B - SAOâ€‰206462. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3789-3809.	4.4	24
43	GPI Spectroscopy of the Mass, Age, and Metallicity Benchmark Brown Dwarf HD 4747 B. Astrophysical Journal, 2018, 853, 192.	4.5	23
44	The frequency of binary star interlopers amongst transitional discs. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3829-3847.	4.4	22
45	Looking Deep into the Rosette Nebulaâ€™s Heart: The (Sub)stellar Content of the Massive Young Cluster NGC 2244. Astrophysical Journal, 2019, 881, 79.	4.5	22
46	The detection of dust around NNÂSer. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4518-4526.	4.4	21
47	The ALMA early science view of FUor/EXor objects â€“ IV. Misaligned outflows in the complex star-forming environment of V1647 Ori and McNeil's Nebula. Monthly Notices of the Royal Astronomical Society, 2018, 473, 879-895.	4.4	21
48	ON THE NATURE OF THE TERTIARY COMPANION TO FW TAU: ALMA CO OBSERVATIONS AND SED MODELING. Astrophysical Journal Letters, 2015, 806, L22.	8.3	20
49	Cm-wavelength observations of MWCâ€‰758: resolved dust trapping in a vortex. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3278-3287.	4.4	20
50	A SCUBA-2 850-Î¼m survey of protoplanetary discs in the IC 348 cluster. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1909-1920.	4.4	17
51	The Circumstellar Disk and Asymmetric Outflow of the EX Lup Outburst System. Astrophysical Journal, 2018, 859, 111.	4.5	16
52	A SCUBA-2 850 MICRON SURVEY OF CIRCUMSTELLAR DISKS IN THEÎ»ORIONIS CLUSTER. Astrophysical Journal, 2015, 806, 221.	4.5	15
53	The Multiplicity of M Dwarfs in Young Moving Groups. Astrophysical Journal, 2017, 846, 93.	4.5	14
54	A faint companion around CrA-9: protoplanet or obscured binary?. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6117-6139.	4.4	11

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55	A Tale of Two Transition Disks: ALMA Long-baseline Observations of ISO-Oph 2 Reveal Two Closely Packed Nonaxisymmetric Rings and a â¼42 au Cavity. Astrophysical Journal Letters, 2020, 902, L33.	8.3	11
56	Probing protoplanetary disk evolution in the Chamaeleon II region. Astronomy and Astrophysics, 2021, 653, A46.	5.1	10
57	High-resolution ALMA observations of V4046â€‰Sgr: a circumbinary disc with a thin ring. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1248-1257.	4.4	8
58	ALMA Observations of Young Eruptive Stars: Continuum Disk Sizes and Molecular Outflows. Astrophysical Journal, 2020, 900, 7.	4.5	7
59	NaCo polarimetric observations of Szâ€‰91 transitional disc: a remarkable case of dust filtering. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1531-1542.	4.4	5