Jinghua Yuan

List of Publications by Year
in descending order

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38 papers	858 citations	430874 18 h-index	477307 29 g-index
40 all docs	40 docs citations	40 times ranked	703 citing authors

#	Article	IF	Citations
1	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. Astrophysical Journal, 2017, 842, 66.	4.5	79
2	High-mass Star Formation through Filamentary Collapse and Clump-fed Accretion in G22. Astrophysical Journal, 2018, 852, 12.	4.5	58
3	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. Astrophysical Journal, 2018, 859, 151.	4.5	57
4	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
5	The TOP-SCOPE Survey of Planck Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. Astrophysical Journal, Supplement Series, 2018, 234, 28.	7.7	50
6	A First Look at BISTRO Observations of the Ï•Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46
7	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
8	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
9	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core Ï Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
10	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
11	INTERACTIONS OF THE INFRARED BUBBLE N4 WITH ITS SURROUNDINGS. Astrophysical Journal, 2016, 818, 95.	4.5	33
12	PLANCK COLD CLUMPS IN THE Î» ORIONIS COMPLEX. I. DISCOVERY OF AN EXTREMELY YOUNG CLASS 0 PROTOSTELLAR OBJECT AND A PROTO-BROWN DWARF CANDIDATE IN THE BRIGHT-RIMMED CLUMP PGCC G192.32â€“11.88. Astrophysical Journal, Supplement Series, 2016, 222, 7.	7.7	31
13	High-mass Starless Clumps in the Inner Galactic Plane: The Sample and Dust Properties. Astrophysical Journal, Supplement Series, 2017, 231, 11.	7.7	28
14	A FEEDBACK-DRIVEN BUBBLE G24.136+00.436: A POSSIBLE SITE OF TRIGGERED STAR FORMATION. Astrophysical Journal, 2015, 798, 30.	4.5	27
15	Herschelobservations of the Galactic Hâ€‰ii region RCWâ€‰79. Astronomy and Astrophysics, 2017, 602, A95.	5.1	21
16	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. Astrophysical Journal Letters, 2021, 912, L27.	8.3	21
17	The Properties of Planck Galactic Cold Clumps in the L1495 Dark Cloud. Astrophysical Journal, 2018, 856, 141.	4.5	19
18	DENSE GAS IN MOLECULAR CORES ASSOCIATED WITH PLANCK GALACTIC COLD CLUMPS. Astrophysical Journal, 2016, 820, 37.	4.5	18

#	Article	IF	Citations
19	A multiwavelength observation and investigation of six infrared dark clouds. Astronomy and Astrophysics, 2017, 598, A76.	5.1	18
20	Edge collapse and subsequent longitudinal accretion in filament S242. Astronomy and Astrophysics, 2020, 637, A67.	5.1	18
21	N131: A dust bubble born from the disruption of a gas filament. Astronomy and Astrophysics, 2016, 585, A117.	5.1	16
22	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
23	EXPANDING SHELL AND STAR FORMATION IN THE INFRARED DUST BUBBLE N6. Astrophysical Journal, 2014, 797, 40.	4.5	14
24	The JCMT BISTRO Survey: An 850/450 Î¼m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
25	FOLLOW-UP OBSERVATIONS TOWARD PLANCK COLD CLUMPS WITH GROUND-BASED RADIO TELESCOPES. Publications of the Korean Astronomical Society, 2015, 30, 79-82.	0.0	12
26	The TOP-SCOPE Survey of PGCCs: PMO and SCUBA-2 Observations of 64 PGCCs in the Second Galactic Quadrant. Astrophysical Journal, Supplement Series, 2018, 236, 49.	7.7	10
27	A mapping study of L1174 with 13CO J=2â^'1 and 12CO J=3â^'2: star formation triggered by a Herbig Ae/Be star. Monthly Notices of the Royal Astronomical Society, 2013, 429, 954-966.	4.4	9
28	Searching for initial stage of massive star formation around the H II region G18.2â€“0.3. Research in Astronomy and Astrophysics, 2017, 17, 057.	1.7	7
29	Star formation in IRDC G31.97+0.07. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3334-3351.	4.4	5
30	CO OBSERVATIONS AND INVESTIGATION OF TRIGGERED STAR FORMATION TOWARD THE N10 INFRARED BUBBLE AND SURROUNDINGS. Astrophysical Journal, 2016, 830, 57.	4.5	5
31	The discovery based on GLIMPSE data of a protostar driving a bipolar outflow. Astronomy and Astrophysics, 2012, 540, A95.	5.1	4
32	Sequential star formation in the filamentary structures of the Planck Galactic cold clump G181.84+0.31. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1315-1334.	4.4	4
33	Planck Galactic Cold Clumps at High Galactic Latitudeâ€”a Study with CO Lines. Astrophysical Journal, 2021, 920, 103.	4.5	4
34	H ii REGION G46.5-0.2: THE INTERPLAY BETWEEN IONIZING RADIATION, MOLECULAR GAS, AND STAR FORMATION. Astronomical Journal, 2015, 149, 193.	4.7	3
35	Feedback of the HBe star IL Cep on nearby molecular cloud and star formation. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4222-4237.	4.4	3
36	Planck Galactic Cold Clumps in Two Regions: The First Quadrant and the Anticenter Direction Region. Astrophysical Journal, Supplement Series, 2020, 247, 29.	7.7	2

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37	Physical properties of Planck Cold Dust Clumps. EAS Publications Series, 2015, 75-76, 277-280.	0.3	0
38	Drama of HII regions: Clustered and Triggered Star Formation. Proceedings of the International Astronomical Union, 2015, 12, 129-130.	0.0	0