Chuan-Peng Zhang

List of Publications by Year
in descending order

36 papers	745 citations	516710 16 h-index	526287 27 g-index
37 all docs	37 docs citations	37 times ranked	647 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	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
3	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
4	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
5	A First Look at BISTRO Observations of the Ï•Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46
6	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
7	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
8	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core Ï Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
9	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
10	GAS KINEMATICS AND STAR FORMATION IN THE FILAMENTARY IRDC G34.43+0.24. Astrophysical Journal, 2016, 819, 117.	4.5	26
11	Dust spectrum and polarisation at 850 Î¼m in the massive IRDC G035.39-00.33. Astronomy and Astrophysics, 2018, 620, A26.	5.1	22
12	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
13	SUBMILLIMETER ARRAY AND VERY LARGE ARRAY OBSERVATIONS IN THE HYPERCOMPACT H II REGION G35.58-0.03. Astrophysical Journal, 2014, 784, 107.	4.5	20
14	The Properties of Planck Galactic Cold Clumps in the L1495 Dark Cloud. Astrophysical Journal, 2018, 856, 141.	4.5	19
15	A multiwavelength observation and investigation of six infrared dark clouds. Astronomy and Astrophysics, 2017, 598, A76.	5.1	18
16	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. Astrophysical Journal, 2021, 907, 33.	4.5	17
17	N131: A dust bubble born from the disruption of a gas filament. Astronomy and Astrophysics, 2016, 585, A117.	5.1	16
18	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16

#	Article	IF	Citations
19	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
20	The JCMT BISTRO Survey: An 850/450 Î¼m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
21	Radio Frequency Interference Mitigation and Statistics in the Spectral Observations of FAST. Research in Astronomy and Astrophysics, 2022, 22, 025015.	1.7	13
22	The effects of ionization feedback on star formation: a case study of the M 16 Hâ€¯II region. Astronomy and Astrophysics, 2019, 627, A27.	5.1	11
23	Massâ€“size scaling MÂâ¼Âr1.67 of massive star-forming clumps â€“ evidences of turbulence-regulated gravitational collapse. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2286-2291.	4.4	10
24	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
25	Two-dimensional Molecular Gas and Ongoing Star Formation around H ii Region Sh2-104. Astrophysical Journal, 2017, 849, 140.	4.5	9
26	Radio recombination line observations at 1.0 â€“ 1.5GHz with FAST. Research in Astronomy and Astrophysics, 2021, 21, 209.	1.7	8
27	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
28	Using CO line ratios to trace compressed areas in bubble N131. Astronomy and Astrophysics, 2019, 631, A110.	5.1	7
29	Probing the initial conditions of high-mass star formation. Astronomy and Astrophysics, 2019, 627, A85.	5.1	6
30	Pebbles in an embedded protostellar disk: the case of CB 26. Astronomy and Astrophysics, 2021, 646, A18.	5.1	6
31	A Mean Density of 112 M_{âŠ™} pc^{â”3} for Central Molecular Zone Clumpsâ€”Evidences for Shear-enabled Pressure Equilibrium in the Galactic Center. Astrophysical Journal, 2020, 897, 89.	4.5	6
32	Probing the initial conditions of high-mass star formation. Astronomy and Astrophysics, 2020, 638, A105.	5.1	4
33	Planck Galactic Cold Clumps at High Galactic Latitudeâ€”a Study with CO Lines. Astrophysical Journal, 2021, 920, 103.	4.5	4
34	FAST Search for Circumstellar Atomic Hydrogen. I. The Young Planetary Nebula IC 4997. Astrophysical Journal, 2022, 933, 4.	4.5	1
35	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. Astrophysical Journal, Supplement Series, 2019, 242, 27.	7.7	0
36	Physical and Chemical Properties of the Molecular Gas Associated with the Mid-infrared Bubble S156. Astrophysical Journal, 2022, 928, 83.	4.5	0