

Jia-Wei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

555
citations

687363

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24
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docs citations

24
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163.	4.5	16
2	Formation of the SDC13 Hub-filament System: A Cloud–Cloud Collision Imprinted on the Multiscale Magnetic Field. <i>Astrophysical Journal</i> , 2022, 931, 115.	4.5	8
3	Observations of Magnetic Fields Surrounding LkH101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
4	OMC-1 dust polarization in ALMA Band 7: diagnosing grain alignment mechanisms in the vicinity of Orion Source I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3414-3433.	4.4	15
5	The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 913, 57.	4.5	6
6	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021, 912, L27.	8.3	21
7	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
8	Multiwavelength Polarimetry of the Filamentary Cloud IC5146. II. Magnetic Field Structures. <i>Astrophysical Journal</i> , 2020, 888, 13.	4.5	15
9	Unveiling the Importance of Magnetic Fields in the Evolution of Dense Clumps Formed at the Waist of Bipolar H II Regions: A Case Study of Sh 2-201 with JCMT SCUBA-2/POL-2. <i>Astrophysical Journal</i> , 2020, 897, 90.	4.5	9
10	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020, 899, 28.	4.5	39
11	Formation of the Hub–Filament System G33.92+0.11: Local Interplay between Gravity, Velocity, and Magnetic Field. <i>Astrophysical Journal</i> , 2020, 905, 158.	4.5	23
12	JCMT BISTRO Survey Observations of the Ophiuchus Molecular Cloud: Dust Grain Alignment Properties Inferred Using a Ricean Noise Model. <i>Astrophysical Journal</i> , 2019, 880, 27.	4.5	40
13	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
14	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
15	Triple Range Imager and POLarimeter (TRIPOL)—a compact and economical optical imaging polarimeter for small telescopes. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 136.	1.7	3
16	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
17	Polarimetric and Photometric Investigation of the Dark Globule LDN 1225: Distance, Extinction Law, and Magnetic Fields. <i>Astrophysical Journal</i> , 2019, 875, 64.	4.5	7
18	A First Look at BISTRO Observations of the ρ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46

#	ARTICLE	IF	CITATIONS
19	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
20	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
21	Multiwavelength Stellar Polarimetry of the Filamentary Cloud IC5146. I. Dust Properties. <i>Astrophysical Journal</i> , 2017, 849, 157.	4.5	21
22	Understanding the Links among the Magnetic Fields, Filament, Bipolar Bubble, and Star Formation in RCW 57A Using NIR Polarimetry. <i>Astrophysical Journal</i> , 2017, 850, 195.	4.5	10
23	Probing the magnetic field structure in the filamentary cloud IC5146. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0