

# Jia-Wei Wang

## List of Publications by Year in descending order

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23  
papers

555  
citations

687363

13  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
2	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
3	A First Look at BISTRO Observations of the $\rho$ -Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
4	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
5	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
6	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
7	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\rho$ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
8	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
9	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
10	Multiwavelength Stellar Polarimetry of the Filamentary Cloud IC5146. I. Dust Properties. <i>Astrophysical Journal</i> , 2017, 849, 157.	4.5	21
11	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
12	Observations of Magnetic Fields Surrounding LkH 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
13	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
14	Multiwavelength Polarimetry of the Filamentary Cloud IC 5146. II. Magnetic Field Structures. <i>Astrophysical Journal</i> , 2020, 888, 13.	4.5	15
15	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
16	The JCMT BISTRO Survey: An 850/450 $\mu$ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Formation of the SDC13 Hub-filament System: A Cloudâ€“Cloud Collision Imprinted on the Multiscale Magnetic Field. <i>Astrophysical Journal</i> , 2022, 931, 115.	4.5	8
20	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
21	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
22	Triple Range Imager and POLarimeter (TRIPOL)â€“a compact and economical optical imaging polarimeter for small telescopes. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 136.	1.7	3
23	Probing the magnetic field structure in the filamentary cloud IC5146. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0