

# Simon CoudÃ©

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

653  
citations

687363

13  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. <i>Astrophysical Journal</i> , 2017, 846, 122.	4.5	103
2	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
3	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
4	A First Look at BISTRO Observations of the $\rho$ -Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
5	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
6	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
7	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
8	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\rho$ -Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
9	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
10	JCMT POL-2 and BISTRO Survey Observations of Magnetic Fields in the L1689 Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 907, 88.	4.5	29
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	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
13	Observations of Magnetic Fields Surrounding LkH $\alpha$ 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
14	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
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	Revisiting the Magnetic Field of the L183 Starless Core. <i>Astrophysical Journal</i> , 2020, 900, 181.	4.5	11
18	SOFIA Observations of 30 Doradus. I. Far-infrared Dust Polarization and Implications for Grain Alignment and Disruption by Radiative Torques. <i>Astrophysical Journal</i> , 2021, 923, 130.	4.5	11

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19	The JCMT BISTRO Survey: multiwavelength polarimetry of bright regions in NGC 2071 in the far-infrared/submillimetre range, with POL-2 and HAWC+. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1985-2002.	4.4	7
20	The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud. Astrophysical Journal, 2021, 913, 57.	4.5	6
21	Two-component Magnetic Field along the Line of Sight to the Perseus Molecular Cloud: Contribution of the Foreground Taurus Molecular Cloud. Astrophysical Journal, 2021, 914, 122.	4.5	5
22	The Magnetic Field in the Milky Way Filamentary Bone G47. Astrophysical Journal Letters, 2022, 926, L6.	8.3	4
23	The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. Astrophysical Journal Letters, 2021, 923, L9.	8.3	4
24	The Twisted Magnetic Field of the Protobinary L483. Astrophysical Journal, 2022, 932, 34.	4.5	3