

# Mehrnoosh Tahani

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

280  
citations

759233

12  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Helical magnetic fields in molecular clouds?. <i>Astronomy and Astrophysics</i> , 2018, 614, A100.	5.1	37
3	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
4	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
5	The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. <i>Astrophysical Journal</i> , 2021, 913, 85.	4.5	19
6	3D magnetic-field morphology of the Perseus molecular cloud. <i>Astronomy and Astrophysics</i> , 2022, 660, A97.	5.1	19
7	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
8	Observations of Magnetic Fields Surrounding LkH $\hat{\pm}$ 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
9	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
10	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
11	Orion A $\hat{\text{e}}$ ™s complete 3D magnetic field morphology. <i>Astronomy and Astrophysics</i> , 2022, 660, L7.	5.1	14
12	The JCMT BISTRO Survey: An 850/450 $\hat{\text{m}}$ Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
13	Grain Alignment in the Circumstellar Shell of IRC+10 $\hat{\text{A}}$ $\hat{\circ}$ 216. <i>Astrophysical Journal</i> , 2022, 931, 80.	4.5	7
14	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
15	Two-component Magnetic Field along the Line of Sight to the Perseus Molecular Cloud: Contribution of the Foreground Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 914, 122.	4.5	5
16	The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. <i>Astrophysical Journal Letters</i> , 2021, 923, L9.	8.3	4
17	Effects of Magnetic Field Orientations in Dense Cores on Gas Kinematics in Protostellar Envelopes. <i>Astrophysical Journal</i> , 2022, 930, 67.	4.5	3