Steve Mairs

List of Publications by Year
in descending order

39 papers	1,012 citations	361413 20 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	1044 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	The CARMA-NRO Orion Survey. Astrophysical Journal, Supplement Series, 2018, 236, 25.	7.7	64
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	The CARMA-NRO Orion Survey. Astronomy and Astrophysics, 2019, 623, A142.	5.1	45
7	How Do Stars Gain Their Mass? A JCMT/SCUBA-2 Transient Survey of Protostars in Nearby Star-forming Regions. Astrophysical Journal, 2017, 849, 43.	4.5	42
8	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
9	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
10	The JCMT Transient Survey: Stochastic and Secular Variability of Protostars and Disks In the Submillimeter Region Observed over 18 Months. Astrophysical Journal, 2018, 854, 31.	4.5	38
11	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core Ï Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
12	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	4.5	38
13	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
14	The JCMT Transient Survey: Detection of Submillimeter Variability in a Class I Protostar EC 53 in Serpens Main. Astrophysical Journal, 2017, 849, 69.	4.5	36
15	Betelgeuse Fainter in the Submillimeter Too: An Analysis of JCMT and APEX Monitoring during the Recent Optical Minimum. Astrophysical Journal Letters, 2020, 897, L9.	8.3	31
16	The JCMT Transient Survey: Data Reduction and Calibration Methods. Astrophysical Journal, 2017, 843, 55.	4.5	27
17	The relationship between mid-infrared and sub-millimetre variability of deeply embedded protostars. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3614-3635.	4.4	22
18	A Decade of SCUBA-2: A Comprehensive Guide to Calibrating 450 Î¼m and 850 Î¼m Continuum Data at the JCMT. Astronomical Journal, 2021, 162, 191.	4.7	22

#	Article	IF	Citations
19	The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. Astrophysical Journal, 2021, 920, 119.	4.5	22
20	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
21	Young Faithful: The Eruptions of EC 53 as It Cycles through Filling and Draining the Inner Disk. Astrophysical Journal, 2020, 903, 5.	4.5	21
22	THE ERUPTION OF THE CANDIDATE YOUNG STAR ASASSN-15QI. Astrophysical Journal, 2016, 831, 133.	4.5	20
23	The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. Astrophysical Journal, 2021, 913, 85.	4.5	19
24	The JCMT Transient Survey: Identifying Submillimeter Continuum Variability over Several Year Timescales Using Archival JCMT Gould Belt Survey Observations. Astrophysical Journal, 2017, 849, 107.	4.5	18
25	SYNTHETIC OBSERVATIONS OF THE EVOLUTION OF STARLESS CORES IN A MOLECULAR CLOUD SIMULATION: COMPARISONS WITH JCMT DATA AND PREDICTIONS FOR ALMA. Astrophysical Journal, 2014, 783, 60.	4.5	17
26	The JCMT Transient Survey: An Extraordinary Submillimeter Flare in the T Tauri Binary System JW 566. Astrophysical Journal, 2019, 871, 72.	4.5	16
27	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16
28	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
29	The Core Mass Function in the Orion Nebula Cluster Region: What Determines the Final Stellar Masses?. Astrophysical Journal Letters, 2021, 910, L6.	8.3	15
30	The JCMT BISTRO Survey: An 850/450 Î¼m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
31	The JCMT Gould Belt Survey: SCUBA-2 Data Reduction Methods and Gaussian Source Recovery Analysis. Astrophysical Journal, Supplement Series, 2018, 238, 8.	7.7	11
32	Dissecting the Different Components of the Modest Accretion Bursts of the Very Young Protostar HOPS 373. Astrophysical Journal, 2022, 929, 60.	4.5	10
33	Identifying Variability in Deeply Embedded Protostars with ALMA and CARMA. Astrophysical Journal, 2019, 871, 149.	4.5	9
34	The CARMA-NRO Orion Survey: Core Emergence and Kinematics in the Orion A Cloud. Astrophysical Journal, 2019, 882, 45.	4.5	6
35	The CARMA-NRO Orion Survey: Filament Formation via Collision-induced Magnetic Reconnectionâ€"the Stick in Orion A. Astrophysical Journal, 2021, 906, 80.	4.5	6
36	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. Astrophysical Journal, Supplement Series, 2021, 257, 52.	7.7	5

#	Article	IF	Citations
37	The CARMA-NRO Orion Surveyâ€"Data Release. Research Notes of the AAS, 2021, 5, 55.	0.7	2
38	High-resolution CARMA Observation of Molecular Gas in the North America and Pelican Nebulae. Astronomical Journal, 2021, 161, 229.	4.7	2
39	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. Astrophysical Journal, Supplement Series, 2019, 242, 27.	7.7	0