

# Sarah I Sadavoy

## List of Publications by Year in descending order

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63  
papers

2,425  
citations

147801

31  
h-index

206112

48  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1621  
citing authors

#	ARTICLE	IF	CITATIONS
1	The VLA/ALMA Nascent Disk And Multiplicity (VANDAM) Survey of Orion Protostars. V. A Characterization of Protostellar Multiplicity. <i>Astrophysical Journal</i> , 2022, 925, 39.	4.5	19
2	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
3	The JCMT BISTRO Survey: multiwavelength polarimetry of bright regions in NGC 2071 in the far-infrared/submillimetre range, with POL-2 and HAWC+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1985-2002.	4.4	7
4	A Study of 90 GHz Dust Emissivity on Molecular Cloud and Filament Scales. <i>Astrophysical Journal</i> , 2022, 929, 102.	4.5	1
5	The Twisted Magnetic Field of the Protobinary L483. <i>Astrophysical Journal</i> , 2022, 932, 34.	4.5	3
6	Disks and Outflows in the Intermediate-mass Star-forming Region NGC 2071 IR. <i>Astrophysical Journal</i> , 2022, 933, 178.	4.5	2
7	Kinematic Analysis of a Protostellar Multiple System: Measuring the Protostar Masses and Assessing Gravitational Instability in the Disks of L1448 IRS3B and L1448 IRS3A. <i>Astrophysical Journal Letters</i> , 2021, 907, L10.	8.3	13
8	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
9	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
10	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
11	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
12	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
13	870 $\mu$ m Dust Continuum of the Youngest Protostars in Ophiuchus. <i>Astrophysical Journal</i> , 2021, 913, 149.	4.5	8
14	HAWC+/SOFIA Polarimetry in L1688: Relative Orientation of Magnetic Field and Elongated Cloud Structure. <i>Astrophysical Journal</i> , 2021, 918, 39.	4.5	5
15	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
16	Detection of Substructures in Young Transition Disk WL 17. <i>Astrophysical Journal</i> , 2021, 922, 150.	4.5	5
17	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
18	Detection of Irregular, Submillimeter Opaque Structures in the Orion Molecular Clouds: Protostars within 10,000 yr of Formation?. <i>Astrophysical Journal</i> , 2020, 890, 129.	4.5	16

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19	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks. <i>Astrophysical Journal</i> , 2020, 890, 130.	4.5	170
20	Zooming in on Individual Star Formation: Low- and High-Mass Stars. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	33
21	Confirmation of Enhanced Long-wavelength Dust Emission in OMC 2/3. <i>Astrophysical Journal</i> , 2020, 893, 13.	4.5	8
22	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
23	Herschel Gould Belt Survey Observations of Dense Cores in the Cepheus Flare Clouds. <i>Astrophysical Journal</i> , 2020, 904, 172.	4.5	14
24	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. IV. Unveiling the Embedded Intermediate-Mass Protostar and Disk within OMC2-FIR3/HOPS-370. <i>Astrophysical Journal</i> , 2020, 905, 162.	4.5	13
25	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
26	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
27	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core <i>Ophiuchus C</i> . <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
28	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. III. Survey Overview. <i>Astrophysical Journal</i> , Supplement Series, 2019, 245, 2.	7.7	44
29	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
30	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. I. Identifying and Characterizing the Protostellar Content of the OMC-2 FIR4 and OMC-2 FIR3 Regions. <i>Astrophysical Journal</i> , 2019, 886, 6.	4.5	22
31	Mass Assembly of Stellar Systems and Their Evolution with the SMA (MASSES)â€™ Full Data Release. <i>Astrophysical Journal</i> , Supplement Series, 2019, 245, 21.	7.7	18
32	Hierarchical Fragmentation in the Perseus Molecular Cloud: From the Cloud Scale to Protostellar Objects. <i>Astrophysical Journal</i> , 2018, 853, 5.	4.5	37
33	Intensity-corrected Herschel Observations of Nearby Isolated Low-mass Clouds*. <i>Astrophysical Journal</i> , 2018, 852, 102.	4.5	12
34	The VLA Nascent Disk And Multiplicity Survey of Perseus Protostars (VANDAM). III. Extended Radio Emission from Protostars in Perseus. <i>Astrophysical Journal</i> , 2018, 852, 18.	4.5	16
35	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. II. IRAS 16293-2422. <i>Astrophysical Journal</i> , 2018, 869, 115.	4.5	41
36	Mass Assembly of Stellar Systems and Their Evolution with the SMA (MASSES)â€™ 1.3 mm Subcompact Data Release. <i>Astrophysical Journal</i> , Supplement Series, 2018, 237, 22.	7.7	29

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37	The VLA Nascent Disk and Multiplicity Survey of Perseus Protostars (VANDAM). V. 18 Candidate Disks around Class 0 and I Protostars in the Perseus Molecular Cloud. <i>Astrophysical Journal</i> , 2018, 866, 161.	4.5	58
38	The VLA Nascent Disk and Multiplicity Survey of Perseus Protostars (VANDAM). IV. Free Emission from Protostars: Links to Infrared Properties, Outflow Tracers, and Protostellar Disk Masses. <i>Astrophysical Journal</i> , Supplement Series, 2018, 238, 19.	7.7	103
39	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Perseus Protostars. VI. Characterizing the Formation Mechanism for Close Multiple Systems. <i>Astrophysical Journal</i> , 2018, 867, 43.	4.5	52
40	The JCMT Gould Belt Survey: SCUBA-2 Data Reduction Methods and Gaussian Source Recovery Analysis. <i>Astrophysical Journal</i> , Supplement Series, 2018, 238, 8.	7.7	11
41	A First Look at BISTRO Observations of the $\rho$ -Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
42	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. I. VLA 1623. <i>Astrophysical Journal</i> , 2018, 859, 165.	4.5	57
43	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
44	ALMA Observations of Polarized 872 $\mu$ m Dust Emission from the Protostellar Systems VLA 1623 and L1527. <i>Astrophysical Journal</i> , 2018, 861, 91.	4.5	47
45	An Estimation of the Star Formation Rate in the Perseus Complex. <i>Astronomical Journal</i> , 2017, 153, 214.	4.7	18
46	Embedded binaries and their dense cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3881-3900.	4.4	27
47	ALMA Observations of Starless Core Substructure in Ophiuchus. <i>Astrophysical Journal</i> , 2017, 838, 114.	4.5	32
48	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
49	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. <i>Astrophysical Journal</i> , 2017, 846, 122.	4.5	103
50	Alignment between Protostellar Outflows and Filamentary Structure. <i>Astrophysical Journal</i> , 2017, 846, 16.	4.5	47
51	Constraining the Dust Opacity Law in Three Small and Isolated Molecular Clouds. <i>Astrophysical Journal</i> , 2017, 849, 13.	4.5	7
52	THE VLA NASCENT DISK AND MULTIPLICITY SURVEY OF PERSEUS PROTOSTARS (VANDAM). II. MULTIPLICITY OF PROTOSTARS IN THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2016, 818, 73.	4.5	201
53	AN ALMA SEARCH FOR SUBSTRUCTURE, FRAGMENTATION, AND HIDDEN PROTOSTARS IN STARLESS CORES IN CHAMAELEON I. <i>Astrophysical Journal</i> , 2016, 823, 160.	4.5	44
54	THE JCMT GOULD BELT SURVEY: DENSE CORE CLUSTERS IN ORION A. <i>Astrophysical Journal</i> , 2016, 833, 44.	4.5	25

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55	THE VLA NASCENT DISK AND MULTIPLICITY SURVEY: FIRST LOOK AT RESOLVED CANDIDATE DISKS AROUND CLASS 0 AND I PROTOSTARS IN THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal Letters</i> , 2016, 817, L14.	8.3	49
56	A triple protostar system formed via fragmentation of a gravitationally unstable disk. <i>Nature</i> , 2016, 538, 483-486.	27.8	188
57	MASS ASSEMBLY OF STELLAR SYSTEMS AND THEIR EVOLUTION WITH THE SMA (MASSES). MULTIPLICITY AND THE PHYSICAL ENVIRONMENT IN L1448N. <i>Astrophysical Journal</i> , 2015, 814, 114.	4.5	34
58	HIGH-RESOLUTION 8 mm AND 1 cm POLARIZATION OF IRAS 4A FROM THE VLA NASCENT DISK AND MULTIPLICITY (VANDAM) SURVEY. <i>Astrophysical Journal Letters</i> , 2015, 814, L28.	8.3	48
59	The James Clerk Maxwell telescope Legacy Survey of the Gould Belt: a molecular line study of the Ophiuchus molecular cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1996-2020.	4.4	42
60	THE VLA NASCENT DISK AND MULTIPLICITY (VANDAM) SURVEY OF PERSEUS PROTOSTARS. RESOLVING THE SUB-ARCSECOND BINARY SYSTEM IN NGC 1333 IRAS2A. <i>Astrophysical Journal</i> , 2015, 798, 61.	4.5	44
61	Evidence for large grains in the star-forming filament OMC 2/3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2303-2312.	4.4	34
62	HOW STARLESS ARE STARLESS CORES?. <i>Astrophysical Journal</i> , 2012, 745, 18.	4.5	32
63	THE MASS DISTRIBUTION OF STARLESS AND PROTOSTELLAR CORES IN GOULD BELT CLOUDS. <i>Astrophysical Journal</i> , 2010, 710, 1247-1270.	4.5	90