

Sung-ju Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4791466/publications.pdf>

Version: 2024-02-01

26
papers

737
citations

471509

17
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of Magnetic Fields Surrounding LkH101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
2	ATOMS: ALMA three-millimeter observations of massive star-forming regions III. Catalogues of candidate hot molecular cores and hyper/ultra compact H ₂ regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2801-2818.	4.4	23
3	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
4	Mid-J CO Line Observations of Protostellar Outflows in the Orion Molecular Clouds. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 2.	7.7	3
5	Radiative Transfer Modeling of EC 53: An Episodically Accreting Class I Young Stellar Object. <i>Astrophysical Journal</i> , 2020, 895, 27.	4.5	17
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	Observational signatures of outbursting protostars - I: From hydrodynamic simulations to observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5106-5117.	4.4	14
8	Observational signatures of outbursting protostars II. Exploring a wide range of eruptive protostars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4465-4472.	4.4	16
9	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
10	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
11	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 27.	7.7	0
12	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
13	High-resolution Observations of the Molecular Clouds Associated with the Huge H ₂ Region CTB 102. <i>Astrophysical Journal</i> , 2019, 876, 45.	4.5	1
14	The TOP-SCOPE Survey of ρ Ophiuchus Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 28.	7.7	50
15	Planck Cold Clumps in the ρ Ophiuchus Complex. II. Environmental Effects on Core Formation. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 51.	7.7	22
16	Compressed Magnetic Field in the Magnetically Regulated Global Collapsing Clump of G9.62+0.19. <i>Astrophysical Journal Letters</i> , 2018, 869, L5.	8.3	9
17	A First Look at BISTRO Observations of the ρ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
18	The JCMT Transient Survey: Stochastic and Secular Variability of Protostars and Disks In the Submillimeter Region Observed over 18 Months. <i>Astrophysical Journal</i> , 2018, 854, 31.	4.5	38

#	ARTICLE	IF	CITATIONS
19	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. <i>Astrophysical Journal</i> , 2018, 859, 151.	4.5	57
20	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
21	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
22	The JCMT Transient Survey: Detection of Submillimeter Variability in a Class I Protostar EC 53 in Serpens Main. <i>Astrophysical Journal</i> , 2017, 849, 69.	4.5	36
23	A Comparative Observational Study of YSO Classification in Four Small Star-forming H ii Regions. <i>Astrophysical Journal</i> , 2017, 845, 21.	4.5	10
24	Precessing Jet and Large Dust Grains in the V380 Ori NE Star-forming Region. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 24.	7.7	11
25	How Do Stars Gain Their Mass? A JCMT/SCUBA-2 Transient Survey of Protostars in Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2017, 849, 43.	4.5	42
26	The JCMT Transient Survey: Identifying Submillimeter Continuum Variability over Several Year Timescales Using Archival JCMT Gould Belt Survey Observations. <i>Astrophysical Journal</i> , 2017, 849, 107.	4.5	18