

# Huei-Ru Vivien Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

896  
citations

430874

18  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

988  
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	DENSE CORE PROPERTIES IN THE INFRARED DARK CLOUD G14.225-0.506 REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 833, 209.	4.5	58
3	Filamentary Accretion Flows in the Infrared Dark Cloud G14.225-0.506 Revealed by ALMA. <i>Astrophysical Journal</i> , 2019, 875, 24.	4.5	56
4	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
5	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. <i>Astrophysical Journal</i> , 2017, 849, 25.	4.5	41
6	Gravity-driven Magnetic Field at $\sim 1/4$ 1000 au Scales in High-mass Star Formation. <i>Astrophysical Journal Letters</i> , 2021, 915, L10.	8.3	41
7	THE JCMT GOULD BELT SURVEY: EVIDENCE FOR DUST GRAIN EVOLUTION IN PERSEUS STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2016, 826, 95.	4.5	40
8	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
9	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
10	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\rho$ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
11	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
12	DISCOVERY OF AN EXTREMELY WIDE-ANGLE BIPOLAR OUTFLOW IN AFGL 5142. <i>Astrophysical Journal</i> , 2016, 824, 31.	4.5	31
13	A HOT AND MASSIVE ACCRETION DISK AROUND THE HIGH-MASS PROTOSTAR IRAS 20126+4104. <i>Astrophysical Journal</i> , 2016, 823, 125.	4.5	31
14	Velocity-coherent Filaments in NGC 1333: Evidence for Accretion Flow?. <i>Astrophysical Journal</i> , 2020, 891, 84.	4.5	31
15	Does the Magnetic Field Suppress Fragmentation in Massive Dense Cores?. <i>Astrophysical Journal</i> , 2021, 912, 159.	4.5	26
16	The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. <i>Astrophysical Journal</i> , 2021, 920, 119.	4.5	22
17	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
18	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

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19	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. <i>Astrophysical Journal</i> , 2020, 898, 107.	4.5	18
20	Investigating Fragmentation of Gas Structures in OB Cluster-forming Molecular Clump G33.92+0.11 with 1000 au Resolution Observations of ALMA. <i>Astrophysical Journal</i> , 2019, 871, 185.	4.5	17
21	KFPA Examinations of Young STellar Object Natal Environments (KEYSTONE): Hierarchical Ammonia Structures in Galactic Giant Molecular Clouds. <i>Astrophysical Journal</i> , 2019, 884, 4.	4.5	17
22	Digging into the Interior of Hot Cores with ALMA (DIHCA). I. Dissecting the High-mass Star-forming Core G335.579-0.292 MM1. <i>Astrophysical Journal</i> , 2021, 909, 199.	4.5	17
23	Radiative Transfer Modeling of EC 53: An Episodically Accreting Class I Young Stellar Object. <i>Astrophysical Journal</i> , 2020, 895, 27.	4.5	17
24	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
25	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
26	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
27	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): A Hot Corino Survey toward Protostellar Cores in the Orion Cloud. <i>Astrophysical Journal</i> , 2022, 927, 218.	4.5	16
28	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
29	Digging into the Interior of Hot Cores with ALMA (DIHCA). II. Exploring the Inner Binary (Multiple) System Embedded in G335 MM1 ALMA1. <i>Astrophysical Journal</i> , 2022, 929, 68.	4.5	10
30	A Mini Survey of Methyl Cyanide toward Extended Green Objects. <i>Astrophysical Journal</i> , 2019, 872, 61.	4.5	6
31	CLOVER: Convnet Line-fitting Of Velocities in Emission-line Regions. <i>Astrophysical Journal</i> , 2019, 885, 32.	4.5	3