Wen Ping Chen

List of Publications by Year
in descending order

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		172457	289244
109	2,209	29	40
papers	citations	h-index	g-index

110	110	110	2882
all docs	docs citations	times ranked	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 PAN-STARRS1 MEDIUM-DEEP SURVEY: THE ROLE OF GALAXY GROUP ENVIRONMENT IN THE STAR FORMATION RATE VERSUS STELLAR MASS RELATION AND QUIESCENT FRACTION OUT TOzâ¼ 0.8. Astrophysical Journal, 2014, 782, 33.	4.5	73
3	Morphology of Galactic Open Clusters. Astronomical Journal, 2004, 128, 2306-2315.	4.7	71
4	Repetitive patterns in rapid optical variations in the nearby black-hole binary V404 Cygni. Nature, 2016, 529, 54-58.	27.8	71
5	DISCOVERY OF A NEW RETROGRADE TRANS-NEPTUNIAN OBJECT: HINT OF A COMMON ORBITAL PLANE FOR LOW SEMIMAJOR AXIS, HIGH-INCLINATION TNOs AND CENTAURS. Astrophysical Journal Letters, 2016, 827, L24.	8.3	70
6	Discovery of Tidal Tails in Disrupting Open Clusters: Coma Berenices and a Neighbor Stellar Group. Astrophysical Journal, 2019, 877, 12.	4.5	66
7	Star formation in young star cluster NGCâ€ƒ1893. Monthly Notices of the Royal Astronomical Society, 0, 380, 1141-1160.	4.4	60
8	Triggered Star Formation in the Orion Brightâ€•rimmed Clouds. Astrophysical Journal, 2005, 624, 808-820.	4.5	54
9	Triggered Star Formation by Massive Stars. Astrophysical Journal, 2007, 657, 884-896.	4.5	54
10	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
11	MORPHOLOGICAL DISTORTION OF GALACTIC GLOBULAR CLUSTERS. Astrophysical Journal, 2010, 721, 1790-1819.	4.5	50
12	A First Look at BISTRO Observations of the Ï•Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46
13	Exceptional outburst of the blazar CTA 102 in 2012: the GASPâ€“WEBT campaign and its extension. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3047-3056.	4.4	45
14	Stellar contents and star formation in the young open cluster Stock 8. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1675-1700.	4.4	44
15	THE TAOS PROJECT: RESULTS FROM SEVEN YEARS OF SURVEY DATA. Astronomical Journal, 2013, 146, 14.	4.7	42
16	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
17	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
18	Dust polarized emission observations of NGC 6334. Astronomy and Astrophysics, 2021, 647, A78.	5.1	41

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19	Stellar contents and star formation in the young star cluster Be 59. Monthly Notices of the Royal Astronomical Society, 0, 383, 1241-1258.	4.4	40
20	Multiwavelength Variability of BL Lacertae Measured with High Time Resolution. Astrophysical Journal, 2020, 900, 137.	4.5	40
21	Towards a complete stellar mass function of the Hyades. Astronomy and Astrophysics, 2013, 559, A43.	5.1	39
22	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
23	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
24	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core <i>Ï‹/i> Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
25	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
26	THE TAOS PROJECT: UPPER BOUNDS ON THE POPULATION OF SMALL KUIPER BELT OBJECTS AND TESTS OF MODELS OF FORMATION AND EVOLUTION OF THE OUTER SOLAR SYSTEM. Astronomical Journal, 2010, 139, 1499-1514.	4.7	34
27	OPTICAL PHOTOMETRIC AND POLARIMETRIC INVESTIGATION OF NGC 1931. Astrophysical Journal, 2013, 764, 172.	4.5	32
28	Diagnosing the Stellar Population and Tidal Structure of the Blanco 1 Star Cluster. Astrophysical Journal, 2020, 889, 99.	4.5	32
29	A multiwavelength polarimetric study towards the open cluster NGCâ€ƒ1893. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1418-1434.	4.4	31
30	Young stellar population of bright-rimmed clouds BRCÂ5, BRCÂ7 and BRCÂ39. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1614-1628.	4.4	30
31	Ice grains in the Corona Australis molecular cloud. Astrophysical Journal, 1993, 409, 319.	4.5	30
32	On the ejection velocity of meteoroids from comets. Monthly Notices of the Royal Astronomical Society, 2002, 337, 1081-1086.	4.4	29
33	TIME VARIABILITY OF EMISSION LINES FOR FOUR ACTIVE T TAURI STARS. I. OCTOBERâ€“DECEMBER IN 2010. Astronomical Journal, 2013, 145, 108.	4.7	24
34	Broad-band optical polarimetric studies towards the Galactic young star cluster Berkeley 59. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2587-2605.	4.4	23
35	Characterization of Stellar and Substellar Members in the Coma Berenices Star Cluster. Astrophysical Journal, 2018, 862, 106.	4.5	23
36	Starâ€“Disk Interactions in Multiband Photometric Monitoring of the Classical T Tauri Star GI Tau. Astrophysical Journal, 2018, 852, 56.	4.5	23

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37	First Results from the Taiwanese-American Occultation Survey (TAOS). Astrophysical Journal, 2008, 685, L157-L160.	4.5	22
38	CHARACTERIZATION OF THE PRAESEPE STAR CLUSTER BY PHOTOMETRY AND PROPER MOTIONS WITH 2MASS, PPMXL, AND Pan-STARRS. Astrophysical Journal, 2014, 784, 57.	4.5	22
39	The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. Astrophysical Journal, 2021, 920, 119.	4.5	22
40	Multiwavelength Stellar Polarimetry of the Filamentary Cloud IC5146. I. Dust Properties. Astrophysical Journal, 2017, 849, 157.	4.5	21
41	The complex variability of blazars: time-scales and periodicity analysis in S4Â0954+65. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5629-5646.	4.4	21
42	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
43	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. Astronomy and Astrophysics, 2021, 653, A97.	5.1	20
44	Pre-main-sequence variable stars in young open cluster NGC 1893. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1449-1462.	4.4	19
45	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
46	Low-mass young stellar population and star formation history of the cluster IC 1805 in the W4 Hâ€‰ii region. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2684-2698.	4.4	18
47	EDEN: Sensitivity Analysis and Transiting Planet Detection Limits for Nearby Late Red Dwarfs. Astronomical Journal, 2020, 159, 169.	4.7	18
48	TAOS: The Taiwaneseâ€“American Occultation Survey. Earth, Moon and Planets, 2003, 92, 459-464.	0.6	17
49	Young Cluster Berkeley 59: Properties, Evolution, and Star Formation. Astronomical Journal, 2018, 155, 44.	4.7	17
50	STABLE AND UNSTABLE REGIMES OF MASS ACCRETION ONTO RW AUR A. Astrophysical Journal, 2016, 820, 139.	4.5	17
51	Millimeter-sized Dust Grains Surviving the Water-sublimating Temperature in the Inner 10 au of the FU Ori Disk. Astrophysical Journal, 2021, 923, 270.	4.5	17
52	The JCMT Transient Survey: An Extraordinary Submillimeter Flare in the T Tauri Binary System JW 566. Astrophysical Journal, 2019, 871, 72.	4.5	16
53	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16
54	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

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55	The Pan-STARRS1 Medium-deep Survey: Star Formation Quenching in Group and Cluster Environments. Astrophysical Journal, 2017, 845, 74.	4.5	15
56	Multiwavelength Polarimetry of the Filamentary Cloud ICÂ5146. II. Magnetic Field Structures. Astrophysical Journal, 2020, 888, 13.	4.5	15
57	Variable stars in young open star cluster NGC 7380. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2505-2517.	4.4	14
58	The blue straggler population of the old open cluster Berkeley 17. Astronomy and Astrophysics, 2019, 624, A26.	5.1	14
59	A Novel Survey for Young Substellar Objects with the W-band Filter. II. The Coolest and Lowest Mass Members of the Serpens-South Star-forming Region. Astrophysical Journal, 2020, 892, 122.	4.5	14
60	CAN WE DETECT THE COLORâ€“DENSITY RELATION WITH PHOTOMETRIC REDSHIFTS?. Astrophysical Journal, 2016, 825, 40.	4.5	13
61	Disintegration of the Aged Open Cluster Berkeley 17. Astrophysical Journal, 2017, 847, 138.	4.5	13
62	Variability of young stellar objects in the star-forming region Pelican Nebula. Astronomy and Astrophysics, 2019, 627, A135.	5.1	13
63	YSO jets in the Galactic plane from UWISH2 â€“ V. Jets and outflows in M17. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4577-4595.	4.4	12
64	Searching for Super-fast Rotators Using the Pan-STARRS 1. Astrophysical Journal, Supplement Series, 2019, 241, 6.	7.7	12
65	A POSSIBLE DETECTION OF OCCULTATION BY A PROTO-PLANETARY CLUMP IN GM Cephei. Astrophysical Journal, 2012, 751, 118.	4.5	10
66	Evolutionary status of isolated B[e] stars. Astronomy and Astrophysics, 2016, 592, A130.	5.1	10
67	Discovery of a very Lyman-Î±-luminous quasar at zâ€‰=â€‰6.62. Scientific Reports, 2017, 7, 41617.	3.3	10
68	Understanding the Links among the Magnetic Fields, Filament, Bipolar Bubble, and Star Formation in RCW 57A Using NIR Polarimetry. Astrophysical Journal, 2017, 850, 195.	4.5	10
69	The TAOS Project: Statistical Analysis of Multi-Telescope Time Series Data. Publications of the Astronomical Society of the Pacific, 2010, 122, 959-975.	3.1	9
70	Possible Time Correlation between Jet Ejection and Mass Accretion for RW Aur A*. Astrophysical Journal, 2020, 901, 24.	4.5	9
71	A KINEMATIC AND PHOTOMETRIC STUDY OF THE GALACTIC YOUNG STAR CLUSTER NGC 7380. Astronomical Journal, 2011, 142, 71.	4.7	8
72	Searching for Be Stars in the Open Clusters with PTF/iPTF. I. Cluster Sample and Be Star Candidates. Astronomical Journal, 2018, 155, 91.	4.7	7

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73	Diagnosing the Clumpy Protoplanetary Disk of the UXor Type Young Star GM Cephei. Astrophysical Journal, 2019, 871, 183.	4.5	7
74	EDEN: Flare Activity of the Nearby Exoplanet-hosting M Dwarf Wolf 359 Based on K2 and EDEN Light Curves. Astronomical Journal, 2021, 162, 11.	4.7	7
75	Simultaneous Detection of Optical Flares of the Magnetically Active M-dwarf Wolf359. Astronomical Journal, 2022, 163, 164.	4.7	7
76	Asteroid Discovery and Light Curve Extraction Using the Hough Transform: A Rotation Period Study for Subkilometer Main-belt Asteroids. Astronomical Journal, 2020, 159, 25.	4.7	6
77	SEARCHING FOR Be STARS IN THE OPEN CLUSTER NGC 663. Astronomical Journal, 2015, 149, 43.	4.7	5
78	Searching for T dwarfs in the ïÂOph dark cloud LÂ1688. Monthly Notices of the Royal Astronomical Society, 2015, 448, 522-540.	4.4	5
79	The TAOS II Survey: Real-time Detection and Characterization of Occultation Events. Publications of the Astronomical Society of the Pacific, 2021, 133, 034503.	3.1	5
80	A novel survey for young substellar objects with the W-band filter III: Searching for very low-mass brown dwarfs in Serpens South and Serpens Core. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4215-4234.	4.4	5
81	Triggered star formation in OB associations. Proceedings of the International Astronomical Union, 2006, 2, 278-282.	0.0	4
82	DISCOVERY OF YOUNG METHANE DWARFS IN THE RHO OPHIUCHI L 1688 DARK CLOUD. Astrophysical Journal Letters, 2015, 811, L16.	8.3	4
83	Be STARS IN THE OPEN CLUSTER NGC 6830. Astronomical Journal, 2016, 151, 121.	4.7	4
84	CHARGE-COUPLED DEVICE OBSERVATIONS OF THE OPEN CLUSTER NGC 6823 AND ASSOCIATED BRIGHT NEBULA NGC 6820: FIRST RESULTS AND PROSPECTS OF THE UZBEK-TAIWAN COLLABORATION AT MAIDANAK. Astronomical and Astrophysical Transactions, 2003, 22, 799-803.	0.2	3
85	A Multicolor Study of Polarization Variability in Isolated B[e] Stars HD 45677 and HD 50138. Astronomical Journal, 2018, 156, 115.	4.7	3
86	Triple Range Imager and POLarimeter (TRIPOL)â€"a compact and economical optical imaging polarimeter for small telescopes. Research in Astronomy and Astrophysics, 2019, 19, 136.	1.7	3
87	Sustaining Star Formation in the Galactic Star Cluster M 36?. Astrophysical Journal, 2021, 910, 80.	4.5	3
88	Interplay between Young Stars and Molecular Clouds in the Ophiuchus Star-forming Complex. Astronomical Journal, 2022, 163, 233.	4.7	3
89	Fast CCD Photometry in the Taiwan-America Occultation Survey. Open Astronomy, 2003, 12, .	0.6	1
90	Magnetic Field Structure in Molecular Clouds by Polarization Measurements. Proceedings of the International Astronomical Union, 2012, 10, 390-390.	0.0	1

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91	Searching for Possible Members of Star Moving Groups in the Kepler Field. Proceedings of the International Astronomical Union, 2015, 12, 353-354.	0.0	1
92	STATUS OF THE TAOS PROJECT AND A SIMULATOR FOR TNO OCCULTATION. , 2006, , 345-358.		1
93	Young Exoplanet Transit Initiative follow-up observations of the T Tauri star CVSOâ€‰30 with transit-like dips. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3487-3500.	4.4	1
94	2018 August 15 stellar occultation by minor planet (134340) Pluto. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5550-5559.	4.4	1
95	Discovery of WTTS candidates in high-galactic latitude translucent molecular clouds. Science Bulletin, 1999, 44, 2145-2149.	1.7	0
96	A Jump-Start for Astronomy Education in Taiwan. Transactions of the International Astronomical Union, 2001, 24, 164-164.	0.0	0
97	The Kinematics of Globular Cluster NGC 288. International Astronomical Union Colloquium, 2001, 183, 333-334.	0.1	0
98	Physical Properties of Dlas: Metallicity and Neutral Hydrogen Column Density. Symposium - International Astronomical Union, 2004, 217, 246-251.	0.1	0
99	Automated Search for Gravitational Lensing Arcs and Interacting Galaxies in the Red Sequence Survey. Proceedings of the International Astronomical Union, 2006, 2, 194-194.	0.0	0
100	Star Formation in Young Cluster NGC 1893. Proceedings of the International Astronomical Union, 2007, 3, 73-74.	0.0	0
101	Dust formation of Be stars with large infrared excess. Proceedings of the International Astronomical Union, 2010, 6, 366-371.	0.0	0
102	Near-infrared excess and emission characteristics of classical Be stars. Proceedings of the International Astronomical Union, 2010, 6, 404-405.	0.0	0
103	The varying universe: Participation of NCU in TAOS and Pan-STARRS1 projects. , 2011, , .		0
104	Detection of a Proto-planetary Clump in the Habitable Zone of GM Cephei. Proceedings of the International Astronomical Union, 2012, 8, 74-76.	0.0	0
105	Optical Light Curve of Nova KT Eridani. Proceedings of the International Astronomical Union, 2012, 8, 191-192.	0.0	0
106	Characterization of a young open cluster G144.9+0.4 in Cam OB1. , 2013, , .		0
107	A multiband optical polarimetric study of classical Be stars with exceptionally large near-infrared excess. , 2013, , .		0
108	Probing the magnetic field structure in the filamentary cloud IC5146. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0

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109	Diagnosing Triggered Star Formation in the Galactic H ii region Sh 2-142. Astrophysical Journal, 2022, 928, 17.	4.5	0