

Christopher Copperwheat

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,584
citations

516681

16
h-index

580810

25
g-index

31
all docs

31
docs citations

31
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
2	The optical afterglow of the short gamma-ray burst associated with GW170817. <i>Nature Astronomy</i> , 2018, 2, 751-754.	10.1	185
3	Interplanetary flux rope ejected from an X-ray bright point. <i>Astronomy and Astrophysics</i> , 2005, 434, 725-740.	5.1	127
4	On the evolutionary status of short-period cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1582-1594.	4.4	116
5	GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. <i>Astrophysical Journal Letters</i> , 2019, 885, L19.	8.3	86
6	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star "Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131.	4.5	74
7	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145.	4.5	69
8	The evolutionary status of Cataclysmic Variables: eclipse modelling of 15 systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5535-5551.	4.4	43
9	Irradiation models for ULXs and fits to optical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1407-1423.	4.4	41
10	Optical and infrared signatures of ultra-luminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 79-88.	4.4	37
11	Hunting high and low: XMM monitoring of the eclipsing polar HU Aquarii. <i>Astronomy and Astrophysics</i> , 2009, 496, 833-840.	5.1	35
12	Total eclipse of the heart: the AM CVn Gaia14aae/ASSASN-14cn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1060-1067.	4.4	32
13	Massive unseen companions to hot faint underluminous stars from SDSS (MUCHFUSS). <i>Astronomy and Astrophysics</i> , 2011, 526, A39.	5.1	31
14	Hot subdwarf stars in close-up view. <i>Astronomy and Astrophysics</i> , 2013, 557, A122.	5.1	28
15	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. <i>Astronomical Journal</i> , 2020, 160, 26.	4.7	28
16	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 18.	7.7	21
17	Optical variability of the ultracool dwarf TVLM 513-46546: evidence for inhomogeneous dust clouds. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L88-L92.	3.3	16
18	Characterization of Temporarily Captured Minimoons 2020 CD ₃ by Keck Time-resolved Spectrophotometry. <i>Astrophysical Journal Letters</i> , 2020, 900, L45.	8.3	15

#	ARTICLE	IF	CITATIONS
19	Initial Characterization of Active Transitioning Centaur, P/2019 LD ₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. <i>Astronomical Journal</i> , 2021, 161, 116.	4.7	13
20	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. <i>Astrophysical Journal Letters</i> , 2021, 911, L35.	8.3	10
21	The smallest source region of an interplanetary magnetic cloud: A mini-sigmoid. <i>Advances in Space Research</i> , 2005, 36, 1579-1586.	2.6	9
22	Optical photometry and spectroscopy of the low-luminosity, broad-lined Ic supernova iPTF15dld. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1848-1856.	4.4	4
23	ULTRASPEC: High-speed spectroscopy with zero readout noise. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
24	On the evolutionary status of short period cataclysmic variables. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
25	THE 4 M NEW ROBOTIC TELESCOPE PROJECT: AN UPDATED REPORT. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 0, 53, 8-13.	0.2	1
26	X-Ray Observation of the Roche-lobe-filling White Dwarf plus Hot Subdwarf System ZTF J213056.71+442046.5. <i>Astrophysical Journal</i> , 2022, 931, 13.	4.5	1
27	Spectroscopic Classification of Nine Cataclysmic Variable Candidates with the Liverpool Telescope. <i>Research Notes of the AAS</i> , 2018, 2, 170.	0.7	0
28	Spectroscopic Observations of Nine Candidate Cataclysmic Variables with the Liverpool Telescope. <i>Research Notes of the AAS</i> , 2018, 2, 222.	0.7	0
29	Classification of Gaia18dgt (AT2018hwd) as an Eclipsing Cataclysmic Variable. <i>Research Notes of the AAS</i> , 2019, 3, 72.	0.7	0
30	Identification of Gaia17bms as an Eclipsing Cataclysmic Variable. <i>Research Notes of the AAS</i> , 2019, 3, 120.	0.7	0
31	Spectroscopic Classification of Six Cataclysmic Variables with the Liverpool Telescope. <i>Research Notes of the AAS</i> , 2020, 4, 176.	0.7	0