

# Philip S Cowperthwaite

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3582417/publications.pdf>

Version: 2024-02-01

20  
papers

2,245  
citations

471509

17  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4281  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	8.3	656
2	<code>astroquery</code> : An Astronomical Web-querying Package in Python. <i>Astronomical Journal</i> , 2019, 157, 98.	4.7	405
3	The Combined Ultraviolet, Optical, and Near-infrared Light Curves of the Kilonova Associated with the Binary Neutron Star Merger GW170817: Unified Data Set, Analytic Models, and Physical Implications. <i>Astrophysical Journal Letters</i> , 2017, 851, L21.	8.3	369
4	A Decline in the X-Ray through Radio Emission from GW170817 Continues to Support an Off-axis Structured Jet. <i>Astrophysical Journal Letters</i> , 2018, 863, L18.	8.3	138
5	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. VIII. A Comparison to Cosmological Short-duration Gamma-Ray Bursts. <i>Astrophysical Journal Letters</i> , 2017, 848, L23.	8.3	103
6	Improved Constraints on $H_0$ from a Combined Analysis of Gravitational-wave and Electromagnetic Emission from GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L36.	8.3	85
7	Follow-up of the Neutron Star Bearing Gravitational-wave Candidate Events S190425z and S190426c with MMT and SOAR. <i>Astrophysical Journal Letters</i> , 2019, 880, L4.	8.3	63
8	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. <i>Astrophysical Journal Letters</i> , 2018, 852, L3.	8.3	60
9	A COMPREHENSIVE STUDY OF DETECTABILITY AND CONTAMINATION IN DEEP RAPID OPTICAL SEARCHES FOR GRAVITATIONAL WAVE COUNTERPARTS. <i>Astrophysical Journal</i> , 2015, 814, 25.	4.5	55
10	A Galaxy-targeted Search for the Optical Counterpart of the Candidate NS+BH Merger S190814bv with Magellan. <i>Astrophysical Journal Letters</i> , 2019, 884, L55.	8.3	50
11	The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times. <i>Astrophysical Journal</i> , 2020, 898, 161.	4.5	41
12	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 826, L29.	8.3	38
13	LSST Target-of-opportunity Observations of Gravitational-wave Events: Essential and Efficient. <i>Astrophysical Journal</i> , 2019, 874, 88.	4.5	37
14	A Program for Multimessenger Standard Siren Cosmology in the Era of LIGO A+, Rubin Observatory, and Beyond. <i>Astrophysical Journal Letters</i> , 2021, 908, L4.	8.3	35
15	Spitzer Space Telescope Infrared Observations of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2018, 862, L11.	8.3	30
16	SN 2016iet: The Pulsational or Pair Instability Explosion of a Low-metallicity Massive CO Core Embedded in a Dense Hydrogen-poor Circumstellar Medium. <i>Astrophysical Journal</i> , 2019, 881, 87.	4.5	28
17	THE CENTRAL ENGINE STRUCTURE OF 3C120: EVIDENCE FOR A RETROGRADE BLACK HOLE OR A REFILLING ACCRETION DISK. <i>Astrophysical Journal Letters</i> , 2012, 752, L21.	8.3	25
18	A Late-time Galaxy-targeted Search for the Radio Counterpart of GW190814. <i>Astrophysical Journal</i> , 2021, 923, 66.	4.5	16

#	ARTICLE	IF	CITATIONS
19	An Empirical Study of Contamination in Deep, Rapid, and Wide-field Optical Follow-up of Gravitational Wave Events. <i>Astrophysical Journal</i> , 2018, 858, 18.	4.5	10
20	Open Astronomy Catalogs API. <i>Research Notes of the AAS</i> , 2018, 2, 27.	0.7	1