

Chris J Willott

List of Publications by Year in descending order

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69
papers

5,174
citations

87723

38
h-index

106150

65
g-index

69
all docs

69
docs citations

69
times ranked

3308
citing authors

#	ARTICLE	IF	CITATIONS
1	THE CANADA-FRANCE HIGH- <i>z</i> QUASAR SURVEY: NINE NEW QUASARS AND THE LUMINOSITY FUNCTION AT REDSHIFT 6. <i>Astronomical Journal</i> , 2010, 139, 906-918.	1.9	422
2	The emission line-radio correlation for radio sources using the 7C Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 309, 1017-1033.	1.6	392
3	EDDINGTON-LIMITED ACCRETION AND THE BLACK HOLE MASS FUNCTION AT REDSHIFT 6. <i>Astronomical Journal</i> , 2010, 140, 546-560.	1.9	287
4	The Nature and Evolution of Classical Double Radio Sources from Complete Samples. <i>Astronomical Journal</i> , 1999, 117, 677-706.	1.9	254
5	A 3σ Black Hole in the Quasar SDSS J1148+5251 at $z=6.41$. <i>Astrophysical Journal</i> , 2003, 587, L15-L18.	1.6	243
6	The radio luminosity function from the low-frequency 3CRR, 6CE and 7CRS complete samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 322, 536-552.	1.6	241
7	Four Quasars above Redshift 6 Discovered by the Canada-France High- <i>z</i> Quasar Survey. <i>Astronomical Journal</i> , 2007, 134, 2435-2450.	1.9	217
8	Near-infrared imaging and the K- <i>z</i> relation for radio galaxies in the 7C Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 339, 173-188.	1.6	167
9	Great Optically Luminous Dropout Research Using Subaru HSC (GOLDRUSH). I. UV luminosity functions at $z \sim 4-7$ derived with the half-million dropouts on the 100 deg ² sky. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	164
10	STAR FORMATION AND THE INTERSTELLAR MEDIUM IN $z > 6$ UV-LUMINOUS LYMAN-BREAK GALAXIES. <i>Astrophysical Journal</i> , 2015, 807, 180.	1.6	161
11	The obscuration by dust of most of the growth of supermassive black holes. <i>Nature</i> , 2005, 436, 666-669.	13.7	154
12	REDSHIFT 6.4 HOST GALAXIES OF 10^{8-9} SOLAR MASS BLACK HOLES: LOW STAR FORMATION RATE AND DYNAMICAL MASS. <i>Astrophysical Journal</i> , 2013, 770, 13.	1.6	126
13	A sample of 6C radio sources designed to find objects at redshift $z > 4$. III. Imaging and the radio galaxy K- <i>z</i> relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 1585-1600.	1.6	121
14	STAR FORMATION RATE AND DYNAMICAL MASS OF 10^{8-9} SOLAR MASS BLACK HOLE HOST GALAXIES AT REDSHIFT 6. <i>Astrophysical Journal</i> , 2015, 801, 123.	1.6	115
15	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at $z \sim 5.7$. <i>Astrophysical Journal</i> , 2019, 873, 35.	1.6	115
16	The JWST Extragalactic Mock Catalog: Modeling Galaxy Populations from the UV through the Near-IR over 13 Billion Years of Cosmic History. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 33.	3.0	106
17	SIX MORE QUASARS AT REDSHIFT 6 DISCOVERED BY THE CANADA-FRANCE HIGH- <i>z</i> QUASAR SURVEY. <i>Astronomical Journal</i> , 2009, 137, 3541-3547.	1.9	100
18	THE SUBARU HIGH- <i>z</i> QUASAR SURVEY: DISCOVERY OF FAINT $z \sim 6$ QUASARS. <i>Astrophysical Journal</i> , 2015, 798, 28.	1.6	100

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19	A sample of radio galaxies spanning three decades in radio luminosity - I. The host galaxy properties and black hole masses. Monthly Notices of the Royal Astronomical Society, 2004, 351, 347-361.	1.6	93
20	The quasar fraction in low-frequency-selected complete samples and implications for unified schemes. Monthly Notices of the Royal Astronomical Society, 2000, 316, 449-458.	1.6	89
21	A population of high-redshift type 2 quasars - I. Selection criteria and optical spectra. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1479-1498.	1.6	85
22	The JWST Fine Guidance Sensor (FGS) and Near-Infrared Imager and Slitless Spectrograph (NIRISS). Proceedings of SPIE, 2012, , .	0.8	80
23	Implications for unified schemes from the quasar fraction and emission-line luminosities in radio-selected samples. Monthly Notices of the Royal Astronomical Society, 2004, 349, 503-517.	1.6	75
24	A Wide Dispersion in Star Formation Rate and Dynamical Mass of $10^{8.5}$ Solar Mass Black Hole Host Galaxies at Redshift 6. Astrophysical Journal, 2017, 850, 108.	1.6	74
25	GOLDRUSH. IV. Luminosity Functions and Clustering Revealed with $\sim 4,000,000$ Galaxies at $z \sim 7$: Galaxy AGN Transition, Star Formation Efficiency, and Implication for Evolution at $z > 10$. Astrophysical Journal, Supplement Series, 2022, 259, 20.	3.0	73
26	Imaging of SDSS $z > 6$ Quasar Fields: Gravitational Lensing, Companion Galaxies, and the Host Dark Matter Halos. Astrophysical Journal, 2005, 626, 657-665.	1.6	68
27	A Complete Multiwavelength Characterization of Faint Chandra X-Ray Sources Seen in the Spitzer Wide-Area Infrared Extragalactic (SWIRE) Survey. Astronomical Journal, 2005, 129, 2074-2101.	1.9	66
28	CO (2-1) LINE EMISSION IN REDSHIFT 6 QUASAR HOST GALAXIES. Astrophysical Journal Letters, 2011, 739, L34.	3.0	61
29	A sample of 6C radio sources designed to find objects at redshift $z > 4$ - II. Spectrophotometry and emission-line properties. Monthly Notices of the Royal Astronomical Society, 2001, 326, 1563-1584.	1.6	59
30	AN EXPONENTIAL DECLINE AT THE BRIGHT END OF THE $z > 6$ GALAXY LUMINOSITY FUNCTION. Astronomical Journal, 2013, 145, 4.	1.9	57
31	Minor Contribution of Quasars to Ionizing Photon Budget at $z \sim 6$: Update on Quasar Luminosity Function at the Faint End with Subaru/Suprime-Cam. Astrophysical Journal Letters, 2017, 847, L15.	3.0	57
32	A submillimetre difference between radio galaxies and radio quasars: evidence for quasar-heated dust and synchronized submillimetre and radio source activity. Monthly Notices of the Royal Astronomical Society, 2002, 331, 435-444.	1.6	53
33	37 NEW T-TYPE BROWN DWARFS IN THE CANADA-FRANCE BROWN DWARFS SURVEY. Astronomical Journal, 2011, 141, 203.	1.9	52
34	First Results from the Canada-France High- z Quasar Survey: Constraints on the $z > 6$ Quasar Luminosity Function and the Quasar Contribution to Reionization. Astrophysical Journal, 2005, 633, 630-637.	1.6	50
35	The CFHT Large Area U-band Deep Survey (CLAUDS). Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	48
36	The Submillimeter Properties of Broad Absorption Line Quasars. Astrophysical Journal, 2003, 598, 909-915.	1.6	46

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37	NO EVIDENCE OF OBSCURED, ACCRETING BLACK HOLES IN MOST $z = 6$ STAR-FORMING GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 742, L8.	3.0	42
38	Extremely red galaxy counterparts to 7C radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 324, 1-17.	1.6	40
39	The Near-infrared Imager and Slitless Spectrograph for the James Webb Space Telescope. II. Wide Field Slitless Spectroscopy. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 025002.	1.0	39
40	MILLIMETER OBSERVATIONS OF A SAMPLE OF HIGH-REDSHIFT OBSCURED QUASARS. <i>Astrophysical Journal</i> , 2009, 706, 184-202.	1.6	34
41	The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 313, 237-246.	1.6	30
42	Constraining the Quasar Radio-loud Fraction at $z \sim 6$ with Deep Radio Observations. <i>Astrophysical Journal</i> , 2021, 908, 124.	1.6	30
43	Simulating and interpreting deep observations in the Hubble Ultra Deep Field with the JWST/NIRSpec low-resolution prism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2621-2640.	1.6	29
44	The 6C** sample of steep-spectrum radio sources I. Radio data, near-infrared imaging and optical spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1531-1562.	1.6	24
45	A Ly α HALO AROUND A QUASAR AT REDSHIFT $z = 6.4$. <i>Astronomical Journal</i> , 2011, 142, 186.	1.9	24
46	Deep GMOS spectroscopy of extremely red galaxies in GOODS-South: ellipticals, mergers and red spirals at $1 < z < 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 74-90.	1.6	23
47	Metallicity in Quasar Broad-line Regions at Redshift $z \sim 6$. <i>Astrophysical Journal</i> , 2022, 925, 121.	1.6	20
48	Molecular Gas Observations of the Reddened Quasar 3C 318. <i>Astronomical Journal</i> , 2007, 133, 564-567.	1.9	19
49	Implications for unified schemes from submillimetre and far-infrared follow-up of radio-selected samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 1345-1355.	1.6	16
50	Dust and Gas Obscuration in ELAIS Deep X-ray Survey Reddened Quasars. <i>Astrophysical Journal</i> , 2004, 610, 140-150.	1.6	14
51	No Evidence of "Gray" Dust from Composite Quasar Spectra. <i>Astrophysical Journal</i> , 2005, 627, L101-L104.	1.6	13
52	The TexOx-1000 redshift survey of radio sources I: the TOOT00 region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1709-1759.	1.6	13
53	The evolution of the Fundamental Plane of radio galaxies from $z \sim 0.5$ to the present day. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1360-1376.	1.6	13
54	Strong Mg ii and Fe ii Absorbers at $2.2 < z < 6.0$. <i>Astrophysical Journal</i> , 2021, 906, 32.	1.6	13

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55	Across the green valley with <i>HST</i> grisms: colour evolution, crossing time-scales, and the growth of the red sequence at $z = 1.0$ – 1.8 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3566-3588.	1.6	9
56	Submillimetre photometry of typical high-redshift radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 676-684.	1.6	8
57	Evidence of different star formation histories for high- and low-luminosity radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	8
58	Some First Stars Were Red: Detecting Signatures of Massive Population III Formation through Long-term Stochastic Color Variations. <i>Astrophysical Journal Letters</i> , 2021, 920, L22.	3.0	7
59	Investigating Overdensities around $z \gtrsim 6$ Galaxies through ALMA Observations of [C ii]. <i>Astrophysical Journal</i> , 2020, 889, 98.	1.6	6
60	Radio galaxy evolution: what you can learn from a brief encounter. <i>New Astronomy Reviews</i> , 2002, 46, 75-87.	5.2	5
61	The Faintness of the 158 Micron [C ii] Transition in the $z = 6.42$ Quasar SDSS J1148+5251. <i>Astrophysical Journal</i> , 2004, 606, L101-L103.	1.6	5
62	Ground-state ^{12}CO emission and a resolved jet at $115 \mu\text{m}$ (rest frame) in the radio-loud quasar 3C 318. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3376-3384.	1.6	5
63	Radio galaxy host properties spanning three dex in radio luminosity. <i>New Astronomy Reviews</i> , 2003, 47, 187-191.	5.2	3
64	The Receding Torus Model – evidence from emission-line luminosities and the quasar fraction. <i>New Astronomy Reviews</i> , 2003, 47, 205-209.	5.2	3
65	A monster in the early Universe. <i>Nature</i> , 2011, 474, 583-584.	13.7	3
66	Noise performance of the JWST/NIRSpec detector system. , 2018, , .		2
67	Spectroscopic Follow-up of the CFBDS T Dwarf Candidates. , 2009, , .		1
68	Wide-Field Slitless Spectroscopy with JWST's NIRISS. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 11-11.	0.0	1
69	Extremely Red Radio Galaxies. , 2001, , 113-118.		1