

Tommy Wiklind

List of Publications by Year in descending order

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33
papers

5,098
citations

279798

23
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414414

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docs citations

33
times ranked

3345
citing authors

#	ARTICLE	IF	CITATIONS
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€”THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	7.7	1,549
3	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. <i>Astrophysical Journal</i> , 2013, 775, 93.	4.5	290
4	GOODS- <i>HERSCHEL</i> AND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES AT $z < 2$. <i>Astrophysical Journal</i> , 2012, 757, 23.	4.5	157
5	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 32.	7.7	127
6	HOW DO STAR-FORMING GALAXIES AT $z > 3$ ASSEMBLE THEIR MASSES?. <i>Astrophysical Journal</i> , 2012, 752, 66.	4.5	122
7	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 22.	7.7	111
8	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	4.5	106
9	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2014, 780, 1.	4.5	103
10	THE ESTIMATION OF STAR FORMATION RATES AND STELLAR POPULATION AGES OF HIGH-REDSHIFT GALAXIES FROM BROADBAND PHOTOMETRY. <i>Astrophysical Journal</i> , 2010, 725, 1644-1651.	4.5	101
11	Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	4.5	79
12	Submillimeter ALMA Observations of the Dense Gas in the Low-Luminosity Type-1 Active Nucleus of NGC1097. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	78
13	The Complex Molecular Absorption Line System at $z = 0.886$ toward PKS 1830-211. <i>Astrophysical Journal</i> , 1998, 500, 129-137.	4.5	73
14	BIASES AND UNCERTAINTIES IN PHYSICAL PARAMETER ESTIMATES OF LYMAN BREAK GALAXIES FROM BROADBAND PHOTOMETRY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 184, 100-132.	7.7	70
15	Galaxy Zoo: CANDELS barred discs and bar fractionsâ€”.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3466-3474.	4.4	70
16	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4420-4447.	4.4	70
17	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxyâ€”galaxy pairs from $z = 3$ to $z = 0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1549-1573.	4.4	65
18	Detection of Water at $z = 0.685$ toward B0218+357. <i>Astrophysical Journal</i> , 1997, 486, L79-L82.	4.5	49

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19	A WFC3 GRISM EMISSION LINE REDSHIFT CATALOG IN THE GOODS-SOUTH FIELD. <i>Astronomical Journal</i> , 2015, 149, 178.	4.7	43
20	ALMA OBSERVATIONS OF THE SUBMILLIMETER DENSE MOLECULAR GAS TRACERS IN THE LUMINOUS TYPE-1 ACTIVE NUCLEUS OF NGC 7469. <i>Astrophysical Journal</i> , 2015, 811, 39.	4.5	41
21	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , 2014, 785, 111.	4.5	38
22	ALMA Observations of Multiple CO and C Lines toward the Active Galactic Nucleus of NGC 7469: An X-Ray-dominated Region Caught in the Act. <i>Astrophysical Journal</i> , 2020, 898, 75.	4.5	38
23	ALMA FOLLOWS STREAMING OF DENSE GAS DOWN TO 40 pc FROM THE SUPERMASSIVE BLACK HOLE IN NGC 1097. <i>Astrophysical Journal Letters</i> , 2013, 770, L27.	8.3	31
24	Selection of Massive Evolved Galaxies at $3 \leq z \leq 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , 2020, 897, 44.	4.5	16
25	Anomalous H ₂ CO Absorption toward the Galactic Anticenter: A Blind Search for Dense Molecular Clouds. <i>Astrophysical Journal</i> , 2006, 652, 1230-1239.	4.5	14
26	STEADILY INCREASING STAR FORMATION RATES IN GALAXIES OBSERVED AT $3 \leq z \leq 5$ IN THE CANDELS/GOODS-S FIELD. <i>Astrophysical Journal</i> , 2014, 783, 81.	4.5	14
27	Evolution of the Gas Mass Fraction of Progenitors to Today's Massive Galaxies: ALMA Observations in the CANDELS GOODS-S Field. <i>Astrophysical Journal</i> , 2019, 878, 83.	4.5	13
28	ALMA Observations of Molecular Absorption in the Gravitational Lens PMN 0134+0931 at $z=0.7645$. <i>Astrophysical Journal</i> , 2018, 864, 73.	4.5	12
29	OPTICAL-FAINT, FAR-INFRARED-BRIGHT <i>HERSCHEL</i> SOURCES IN THE CANDELS FIELDS: ULTRA-LUMINOUS INFRARED GALAXIES AT $z > 1$ AND THE EFFECT OF SOURCE BLENDING. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 2.	7.7	11
30	A Comparison between Anomalous 6 cm H ₂ CO Absorption and CO(1-0) Emission in the L1204/S140 Region. <i>Astrophysical Journal</i> , 2007, 663, 824-833.	4.5	8
31	Gravitational Lensing at Millimeter Wavelengths. <i>Lecture Notes in Physics</i> , 2002, , 124-188.	0.7	5
32	Local Analogs to High-redshift Galaxies. I. Characterization of Dust Emission and Star Formation History. <i>Astrophysical Journal</i> , 2021, 921, 130.	4.5	4
33	Molecular Absorption Lines in Galaxies. <i>Highlights of Astronomy</i> , 2005, 13, 839-844.	0.0	0