

# Alain Omont

## List of Publications by Year in descending order

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36  
papers

3,391  
citations

201674

27  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2063  
citing authors

#	ARTICLE	IF	CITATIONS
1	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. Publications of the Astronomical Society of the Pacific, 2022, 134, 054301.	3.1	26
2	Constraining the Quasar Radio-loud Fraction at $z \sim 6$ with Deep Radio Observations. Astrophysical Journal, 2021, 908, 124.	4.5	30
3	Deep Observations of CO and Free-Free Emission in Ultraluminous Infrared QSO IRAS F07599+6508. Astrophysical Journal, 2021, 913, 82.	4.5	3
4	Energetics of Formation of Cyclacenes from 2,3-didehydroacenes and Implications for Astrochemistry. Chemistry - A European Journal, 2021, 27, 4605-4616.	3.3	7
5	Probing the Full CO Spectral Line Energy Distribution (SLED) in the Nuclear Region of a Quasar-starburst System at $z \sim 6.003$ . Astrophysical Journal, 2020, 889, 162.	4.5	33
6	SCUBA2 High Redshift Bright Quasar Survey: Far-infrared Properties and Weak-line Features. Astrophysical Journal, 2020, 900, 12.	4.5	10
7	Ionized and Atomic Interstellar Medium in the $z \sim 6.003$ Quasar SDSS J2310+1855. Astrophysical Journal, 2020, 900, 131.	4.5	36
8	Star Formation and ISM Properties in the Host Galaxies of Three Far-infrared Luminous Quasars at $z \sim 6$ . Astrophysical Journal, 2019, 876, 99.	4.5	32
9	The ISM Properties and Gas Kinematics of a Redshift 3 Massive Dusty Star-forming Galaxy. Astrophysical Journal, 2019, 871, 85.	4.5	19
10	Resolving the Interstellar Medium in the Nuclear Region of Two $z \sim 5.78$ Quasar Host Galaxies with ALMA. Astrophysical Journal, 2019, 887, 40.	4.5	16
11	Spitzer Catalog of Herschel-selected Ultrared Dusty Star-forming Galaxies. Astrophysical Journal, Supplement Series, 2019, 244, 30.	7.7	11
12	Resolving the Interstellar Medium in Ultraluminous Infrared QSO Hosts with ALMA. Astrophysical Journal, 2019, 887, 24.	4.5	16
13	The Strong Gravitationally Lensed Herschel Galaxy HLock01: Optical Spectroscopy Reveals a Close Galaxy Merger with Evidence of Inflowing Gas. Astrophysical Journal, 2018, 854, 151.	4.5	11
14	Far-infrared Herschel SPIRE spectroscopy of lensed starbursts reveals physical conditions of ionized gas. Monthly Notices of the Royal Astronomical Society, 2018, 481, 59-97.	4.4	46
15	Is there a relationship between AGN and star formation in IR-bright AGNs?. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4238-4254.	4.4	28
16	Gas Dynamics of a Luminous $z \sim 6.13$ Quasar ULAS J1319+0950 Revealed by ALMA High-resolution Observations. Astrophysical Journal, 2017, 845, 138.	4.5	48
17	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.	4.5	74
18	PROBING THE INTERSTELLAR MEDIUM AND STAR FORMATION OF THE MOST LUMINOUS QUASAR AT $z \sim 6.3$ . Astrophysical Journal, 2016, 830, 53.	4.5	86

#	ARTICLE	IF	CITATIONS
19	STAR FORMATION RATE AND DYNAMICAL MASS OF $10^{8}$ SOLAR MASS BLACK HOLE HOST GALAXIES AT REDSHIFT 6. <i>Astrophysical Journal</i> , 2015, 801, 123.	4.5	115
20	<i>Herschel</i> -ATLAS and ALMA. <i>Astronomy and Astrophysics</i> , 2014, 568, A92.	5.1	33
21	STAR FORMATION AND GAS KINEMATICS OF QUASAR HOST GALAXIES AT $z \approx 6$ : NEW INSIGHTS FROM ALMA. <i>Astrophysical Journal</i> , 2013, 773, 44.	4.5	317
22	REDSHIFT 6.4 HOST GALAXIES OF $10^{8}$ SOLAR MASS BLACK HOLES: LOW STAR FORMATION RATE AND DYNAMICAL MASS. <i>Astrophysical Journal</i> , 2013, 770, 13.	4.5	126
23	A POPULATION OF DUST-RICH QUASARS AT $z \approx 1.5$ . <i>Astrophysical Journal</i> , 2012, 753, 33.	4.5	29
24	CO (2-1) LINE EMISSION IN REDSHIFT 6 QUASAR HOST GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 739, L34.	8.3	61
25	FAR-INFRARED AND MOLECULAR CO EMISSION FROM THE HOST GALAXIES OF FAINT QUASARS AT $z \approx 6$ . <i>Astronomical Journal</i> , 2011, 142, 101.	4.7	94
26	MOLECULAR GAS IN $z \approx 6$ QUASAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2010, 714, 699-712.	4.5	210
27	EDDINGTON-LIMITED ACCRETION AND THE BLACK HOLE MASS FUNCTION AT REDSHIFT 6. <i>Astronomical Journal</i> , 2010, 140, 546-560.	4.7	287
28	THE CANADA-FRANCE HIGH- $z$ QUASAR SURVEY: NINE NEW QUASARS AND THE LUMINOSITY FUNCTION AT REDSHIFT 6. <i>Astronomical Journal</i> , 2010, 139, 906-918.	4.7	422
29	SIX MORE QUASARS AT REDSHIFT 6 DISCOVERED BY THE CANADA-FRANCE HIGH- $z$ QUASAR SURVEY. <i>Astronomical Journal</i> , 2009, 137, 3541-3547.	4.7	100
30	Thermal Emission from Warm Dust in the Most Distant Quasars. <i>Astrophysical Journal</i> , 2008, 687, 848-858.	4.5	134
31	SHARC-II 350 $\mu\text{m}$ OBSERVATIONS OF THERMAL EMISSION FROM WARM DUST IN $z \approx 5$ QUASARS. <i>Astronomical Journal</i> , 2008, 135, 1201-1206.	4.7	41
32	Millimeter and Radio Observations of $z \approx 6$ Quasars. <i>Astronomical Journal</i> , 2007, 134, 617-627.	4.7	75
33	350 $\mu\text{m}$ Dust Emission from High-Redshift Quasars. <i>Astrophysical Journal</i> , 2006, 642, 694-701.	4.5	272
34	Molecular gas in the host galaxy of a quasar at redshift $z = 6.42$ . <i>Nature</i> , 2003, 424, 406-408.	27.8	256
35	350 Micron Dust Emission from High-Redshift Objects. <i>Astrophysical Journal</i> , 1999, 518, L65-L68.	4.5	88
36	Molecular gas and dust around a radio-quiet quasar at redshift 4.69. <i>Nature</i> , 1996, 382, 428-431.	27.8	199