

# Reinhard Genzel

## List of Publications by Year in descending order

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304  
papers

47,373  
citations

1229

113  
h-index

2108

210  
g-index

306  
all docs

306  
docs citations

306  
times ranked

12360  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Photodetector Array Camera and Spectrometer (PACS) on the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , 2010, 518, L2.	2.1	1,880
2	MONITORING STELLAR ORBITS AROUND THE MASSIVE BLACK HOLE IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 692, 1075-1109.	1.6	1,290
3	What Powers Ultraluminous IRAS Galaxies?. <i>Astrophysical Journal</i> , 1998, 498, 579-605.	1.6	967
4	A star in a 15.2-year orbit around the supermassive black hole at the centre of the Milky Way. <i>Nature</i> , 2002, 419, 694-696.	13.7	896
5	THE SINS SURVEY: SINFONI INTEGRAL FIELD SPECTROSCOPY OF $z \sim 2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2009, 706, 1364-1428.	1.6	887
6	The Galactic Center massive black hole and nuclear star cluster. <i>Reviews of Modern Physics</i> , 2010, 82, 3121-3195.	16.4	854
7	High molecular gas fractions in normal massive star-forming galaxies in the young Universe. <i>Nature</i> , 2010, 463, 781-784.	13.7	807
8	A study of the gas-star formation relation over cosmic time... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2091-2108.	1.6	776
9	PHIBSS: MOLECULAR GAS CONTENT AND SCALING RELATIONS IN $z \sim 1-3$ MASSIVE, MAIN-SEQUENCE STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 768, 74.	1.6	752
10	THE LESSER ROLE OF STARBURSTS IN STAR FORMATION AT $z = 2$ . <i>Astrophysical Journal Letters</i> , 2011, 739, L40.	3.0	669
11	Submillimeter Galaxies at $z \sim 2$ : Evidence for Major Mergers and Constraints on Lifetimes, IMF, and CO <sub>2</sub> Conversion Factor. <i>Astrophysical Journal</i> , 2008, 680, 246-262.	1.6	603
12	Detection of the gravitational redshift in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2018, 615, L15.	2.1	593
13	GALAXY STRUCTURE AND MODE OF STAR FORMATION IN THE SFR-MASS PLANE FROM $z \sim 2.5$ TO $z \sim 0.1$ . <i>Astrophysical Journal</i> , 2011, 742, 96.	1.6	590
14	The Two Young Star Disks in the Central Parsec of the Galaxy: Properties, Dynamics, and Formation. <i>Astrophysical Journal</i> , 2006, 643, 1011-1035.	1.6	549
15	Near-infrared flares from accreting gas around the supermassive black hole at the Galactic Centre. <i>Nature</i> , 2003, 425, 934-937.	13.7	548
16	From Rings to Bulges: Evidence for Rapid Secular Galaxy Evolution at $z \sim 2$ from Integral Field Spectroscopy in the SINS Survey. <i>Astrophysical Journal</i> , 2008, 687, 59-77.	1.6	536
17	SINFONI in the Galactic Center: Young Stars and Infrared Flares in the Central Light Month. <i>Astrophysical Journal</i> , 2005, 628, 246-259.	1.6	532
18	THE SINS SURVEY OF $z \sim 2$ GALAXY KINEMATICS: PROPERTIES OF THE GIANT STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2011, 733, 101.	1.6	511

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19	THE IMPACT OF COLD GAS ACCRETION ABOVE A MASS FLOOR ON GALAXY SCALING RELATIONS. <i>Astrophysical Journal</i> , 2010, 718, 1001-1018.	1.6	483
20	COMBINED CO AND DUST SCALING RELATIONS OF DEPLETION TIME AND MOLECULAR GAS FRACTIONS WITH COSMIC TIME, SPECIFIC STAR-FORMATION RATE, AND STELLAR MASS. <i>Astrophysical Journal</i> , 2015, 800, 20.	1.6	482
21	The Stellar Cusp around the Supermassive Black Hole in the Galactic Center. <i>Astrophysical Journal</i> , 2003, 594, 812-832.	1.6	478
22	A geometric distance measurement to the Galactic center black hole with 0.3% uncertainty. <i>Astronomy and Astrophysics</i> , 2019, 625, L10.	2.1	477
23	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. <i>Astrophysical Journal</i> , 2018, 853, 179.	1.6	467
24	MASSIVE MOLECULAR OUTFLOWS AND NEGATIVE FEEDBACK IN ULIRGs OBSERVED BY <i>HERSCHEL</i> -PACS. <i>Astrophysical Journal Letters</i> , 2011, 733, L16.	3.0	453
25	An interferometric CO survey of luminous submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 1165-1183.	1.6	450
26	High-Resolution Millimeter Imaging of Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2006, 640, 228-240.	1.6	444
27	COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - I. Relations between H <sub>2</sub> , H <sub>2</sub> fi, stellar content and structural properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 32-60.	1.6	418
28	PACS Evolutionary Probe (PEP) – A <i>Herschel</i> key program. <i>Astronomy and Astrophysics</i> , 2011, 532, A90.	2.1	407
29	THE KMOS <sup>3D</sup> SURVEY: DESIGN, FIRST RESULTS, AND THE EVOLUTION OF GALAXY KINEMATICS FROM 0.7 $\hat{\otimes}^{1/2}$ $\hat{\otimes}^{1/2}$ 2.7. <i>Astrophysical Journal</i> , 2015, 799, 209.	1.6	406
30	SINFONI Integral Field Spectroscopy of $\hat{\otimes}^{1/4}$ 2 UV $\hat{\otimes}$ selected Galaxies: Rotation Curves and Dynamical Evolution. <i>Astrophysical Journal</i> , 2006, 645, 1062-1075.	1.6	400
31	The rapid formation of a large rotating disk galaxy three billion years after the Big Bang. <i>Nature</i> , 2006, 442, 786-789.	13.7	393
32	SPITZER QUASAR AND ULIRG EVOLUTION STUDY (QUEST). IV. COMPARISON OF 1 Jy ULTRALUMINOUS INFRARED GALAXIES WITH PALOMAR-GREEN QUASARS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 628-666.	3.0	384
33	THE ORBIT OF THE STAR S2 AROUND SGR A* FROM VERY LARGE TELESCOPE AND KECK DATA. <i>Astrophysical Journal</i> , 2009, 707, L114-L117.	1.6	380
34	An Update on Monitoring Stellar Orbits in the Galactic Center. <i>Astrophysical Journal</i> , 2017, 837, 30.	1.6	379
35	A survey of molecular gas in luminous sub-millimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3047-3067.	1.6	372
36	A Close Look at Star Formation around Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2007, 671, 1388-1412.	1.6	356

#	ARTICLE	IF	CITATIONS
37	ON STAR FORMATION RATES AND STAR FORMATION HISTORIES OF GALAXIES OUT TO $z \approx 3$ . <i>Astrophysical Journal</i> , 2011, 738, 106.	1.6	356
38	x-COLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 22.	3.0	350
39	The deepest <i>Herschel</i> -PACS far-infrared survey: number counts and infrared luminosity functions from combined PEP/GOODS-H observations. <i>Astronomy and Astrophysics</i> , 2013, 553, A132.	2.1	345
40	Detection of the Schwarzschild precession in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2020, 636, L5.	2.1	340
41	First light for GRAVITY: Phase referencing optical interferometry for the Very Large Telescope Interferometer. <i>Astronomy and Astrophysics</i> , 2017, 602, A94.	2.1	333
42	Stellar dynamics in the Galactic Centre: proper motions and anisotropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 348-374.	1.6	320
43	Stellar Dynamics in the Central Arcsecond of Our Galaxy. <i>Astrophysical Journal</i> , 2003, 596, 1015-1034.	1.6	318
44	COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - II. The non-universality of the molecular gas depletion time-scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 61-76.	1.6	313
45	FAST MOLECULAR OUTFLOWS IN LUMINOUS GALAXY MERGERS: EVIDENCE FOR QUASAR FEEDBACK FROM <i>HERSCHEL</i> . <i>Astrophysical Journal</i> , 2013, 776, 27.	1.6	313
46	Evidence of strong quasar feedback in the early Universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L66-L70.	1.2	312
47	SINFONI - Integral field spectroscopy at 50 milli-arcsecond resolution with the ESO VLT. , 2003, , ,		307
48	On the nature of the dark mass in the centre of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 291, 219-234.	1.6	289
49	A Geometric Determination of the Distance to the Galactic Center. <i>Astrophysical Journal</i> , 2003, 597, L121-L124.	1.6	289
50	AN EXTREMELY TOP-HEAVY INITIAL MASS FUNCTION IN THE GALACTIC CENTER STELLAR DISKS. <i>Astrophysical Journal</i> , 2010, 708, 834-840.	1.6	275
51	SMOOTH(ER) STELLAR MASS MAPS IN CANDELS: CONSTRAINTS ON THE LONGEVITY OF CLUMPS IN HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 753, 114.	1.6	271
52	A gas cloud on its way towards the supermassive black hole at the Galactic Centre. <i>Nature</i> , 2012, 481, 51-54.	13.7	265
53	The Dark Mass Concentration in the Central Parsec of the Milky Way. <i>Astrophysical Journal</i> , 1996, 472, 153-172.	1.6	263
54	Detection of orbital motions near the last stable circular orbit of the massive black hole SgrA*. <i>Astronomy and Astrophysics</i> , 2018, 618, L10.	2.1	261

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55	The mean star formation rate of X-ray selected active galaxies and its evolution from $z \sim 2.5$ : results from PEP-Herschel. <i>Astronomy and Astrophysics</i> , 2012, 545, A45.	2.1	250
56	The Nature and Evolution of Ultraluminous Infrared Galaxies: A Mid-Infrared Spectroscopic Survey. <i>Astrophysical Journal</i> , 1998, 505, L103-L107.	1.6	246
57	BULGE GROWTH AND QUENCHING SINCE $z = 2.5$ IN CANDELS/3D-HST. <i>Astrophysical Journal</i> , 2014, 788, 11.	1.6	244
58	Extragalactic Results from the Infrared Space Observatory. <i>Annual Review of Astronomy and Astrophysics</i> , 2000, 38, 761-814.	8.1	242
59	THE SINS SURVEY: MODELING THE DYNAMICS OF $z \sim 2$ GALAXIES AND THE HIGH- $z$ TULLY-FISHER RELATION. <i>Astrophysical Journal</i> , 2009, 697, 115-132.	1.6	239
60	MOST SUBMILLIMETER GALAXIES ARE MAJOR MERGERS. <i>Astrophysical Journal</i> , 2010, 724, 233-243.	1.6	236
61	A Herschel view of the far-infrared properties of submillimetre galaxies. <i>Astronomy and Astrophysics</i> , 2012, 539, A155.	2.1	232
62	THE METALLICITY DEPENDENCE OF THE CO $\rightarrow$ H <sub>2</sub> CONVERSION FACTOR IN $z \sim 1$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 746, 69.	1.6	232
63	OUTFLOWS FROM ACTIVE GALACTIC NUCLEI: KINEMATICS OF THE NARROW-LINE AND CORONAL-LINE REGIONS IN SEYFERT GALAXIES. <i>Astrophysical Journal</i> , 2011, 739, 69.	1.6	224
64	The Evolution of the Star-Forming Interstellar Medium Across Cosmic Time. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 157-203.	8.1	223
65	The first Herschel view of the mass-SFR link in high- $z$ galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L25.	2.1	222
66	Kinometry of SINS High-Redshift Star-Forming Galaxies: Distinguishing Rotating Disks from Major Mergers. <i>Astrophysical Journal</i> , 2008, 682, 231-251.	1.6	220
67	The evolution of the dust and gas content in galaxies. <i>Astronomy and Astrophysics</i> , 2014, 562, A30.	2.1	220
68	Aperture synthesis observations of the circumnuclear ring in the Galactic center. <i>Astrophysical Journal</i> , 1987, 318, 124.	1.6	220
69	CONSTRAINTS ON THE ASSEMBLY AND DYNAMICS OF GALAXIES. II. PROPERTIES OF KILOPARSEC-SCALE CLUMPS IN REST-FRAME OPTICAL EMISSION OF $z \sim 2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2011, 739, 45.	1.6	219
70	Evidence for mature bulges and an inside-out quenching phase 3 billion years after the Big Bang. <i>Science</i> , 2015, 348, 314-317.	6.0	219
71	A cluster of He I emission-line stars in the Galactic center. <i>Astrophysical Journal</i> , 1991, 382, L19.	1.6	219
72	Herschel-PACS spectroscopic diagnostics of local ULIRGs: Conditions and kinematics in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L41.	2.1	218

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73	Dynamical Properties of $z \approx 2$ Star-forming Galaxies and a Universal Star Formation Relation. <i>Astrophysical Journal</i> , 2007, 671, 303-309.	1.6	215
74	EVIDENCE FOR WARPED DISKS OF YOUNG STARS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 697, 1741-1763.	1.6	215
75	THE IMPACT OF INTERACTIONS, BARS, BULGES, AND ACTIVE GALACTIC NUCLEI ON STAR FORMATION EFFICIENCY IN LOCAL MASSIVE GALAXIES. <i>Astrophysical Journal</i> , 2012, 758, 73.	1.6	215
76	VALIDATION OF THE EQUILIBRIUM MODEL FOR GALAXY EVOLUTION TO $z \approx 3$ THROUGH MOLECULAR GAS AND DUST OBSERVATIONS OF LENSED STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 778, 2.	1.6	205
77	Spitzer Quasar and ULIRG Evolution Study (QUEST). I. The Origin of the Far-Infrared Continuum of QSOs. <i>Astrophysical Journal</i> , 2006, 649, 79-90.	1.6	202
78	A CANDELS-3D-HST SYNERGY: RESOLVED STAR FORMATION PATTERNS AT $0.7 < z < 1.5$ . <i>Astrophysical Journal</i> , 2013, 779, 135.	1.6	202
79	The evolution of the dust temperatures of galaxies in the SFR-M- $\sigma$ plane up to $z \approx 2$ . <i>Astronomy and Astrophysics</i> , 2014, 561, A86.	2.1	194
80	The structure of the nuclear stellar cluster of the Milky Way. <i>Astronomy and Astrophysics</i> , 2007, 469, 125-146.	2.1	189
81	Mid-Infrared line diagnostics of active galaxies. <i>Astronomy and Astrophysics</i> , 2002, 393, 821-841.	2.1	188
82	Bars and Warps Traced by the Molecular Gas in the Seyfert 2 Galaxy NGC 1068. <i>Astrophysical Journal</i> , 2000, 533, 850-868.	1.6	188
83	FAR-INFRARED LINE DEFICITS IN GALAXIES WITH EXTREME $L_{\text{FIR}}/M_{\text{H}_2}$ RATIOS. <i>Astrophysical Journal Letters</i> , 2011, 728, L7.	3.0	184
84	LINE DERIVED INFRARED EXTINCTION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2011, 737, 73.	1.6	184
85	EVIDENCE FOR WIDE-SPREAD ACTIVE GALACTIC NUCLEUS-DRIVEN OUTFLOWS IN THE MOST MASSIVE $z \approx 1-2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 7.	1.6	184
86	Molecular and atomic gas along and across the main sequence of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1749-1756.	1.6	184
87	Enhanced star formation rates in AGN hosts with respect to inactive galaxies from PEP-Herschel observations. <i>Astronomy and Astrophysics</i> , 2012, 540, A109.	2.1	183
88	Herschel unveils a puzzling uniformity of distant dusty galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L29.	2.1	182
89	THE SINS/zC-SINF SURVEY OF $z \approx 2$ GALAXY KINEMATICS: OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2012, 761, 43.	1.6	182
90	The [Cii] 158 Micron Line Deficit in Ultraluminous Infrared Galaxies Revisited. <i>Astrophysical Journal</i> , 2003, 594, 758-775.	1.6	181

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91	Neutral gas in the central 2 parsecs of the Galaxy. <i>Astrophysical Journal</i> , 1993, 402, 173.	1.6	180
92	Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago. <i>Nature</i> , 2017, 543, 397-401.	13.7	177
93	Counterrotating Nuclear Disks in Arp 220. <i>Astrophysical Journal</i> , 1999, 514, 68-76.	1.6	171
94	The nucleus of our Galaxy. <i>Reports on Progress in Physics</i> , 1994, 57, 417-479.	8.1	166
95	The nature of the dense obscuring material in the nucleus of NGC 1068. <i>Astrophysical Journal</i> , 1994, 426, L77.	1.6	164
96	THE SINS/zC-SINF SURVEY OF $z \sim 2$ GALAXY KINEMATICS: EVIDENCE FOR POWERFUL ACTIVE GALACTIC NUCLEUS-DRIVEN NUCLEAR OUTFLOWS IN MASSIVE STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 787, 38.	1.6	155
97	THE SINS/zC-SINF SURVEY OF $z \sim 2$ GALAXY KINEMATICS: EVIDENCE FOR GRAVITATIONAL QUENCHING. <i>Astrophysical Journal</i> , 2014, 785, 75.	1.6	152
98	Building the cosmic infrared background brick by brick with <i>Herschel</i> /PEP. <i>Astronomy and Astrophysics</i> , 2011, 532, A49.	2.1	151
99	SHORT-LIVED STAR-FORMING GIANT CLUMPS IN COSMOLOGICAL SIMULATIONS OF $z \sim 2$ DISKS. <i>Astrophysical Journal</i> , 2012, 745, 11.	1.6	146
100	EVIDENCE FOR X-RAY SYNCHROTRON EMISSION FROM SIMULTANEOUS MID-INFRARED TO X-RAY OBSERVATIONS OF A STRONG Sgr A* FLARE. <i>Astrophysical Journal</i> , 2009, 698, 676-692.	1.6	143
101	CONSTRAINTS ON THE ASSEMBLY AND DYNAMICS OF GALAXIES. I. DETAILED REST-FRAME OPTICAL MORPHOLOGIES ON KILOPARSEC SCALE OF $z \sim 2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2011, 731, 65.	1.6	143
102	The SINS/zC-SINF Survey of $z \sim 2$ Galaxy Kinematics: SINFONI Adaptive Optics-assisted Data and Kiloparsec-scale Emission-line Properties. <i>Astrophysical Journal</i> , Supplement Series, 2018, 238, 21.	3.0	143
103	Stellar and wind properties of massive stars in the central parsec of the Galaxy. <i>Astronomy and Astrophysics</i> , 2007, 468, 233-254.	2.1	138
104	The old nuclear star cluster in the Milky Way: dynamics, mass, statistical parallax, and black hole mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 948-968.	1.6	137
105	Mergers and Mass Accretion Rates in Galaxy Assembly: The Millennium Simulation Compared to Observations of $z \sim 2$ Galaxies. <i>Astrophysical Journal</i> , 2008, 688, 789-793.	1.6	135
106	Rotational support of giant clumps in high- $z$ disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 3490-3520.	1.6	128
107	Gasdynamics in the Luminous Merger NGC 6240. <i>Astrophysical Journal</i> , 1999, 524, 732-745.	1.6	125
108	THE ROLE OF MOLECULAR GAS IN OBSCURING SEYFERT ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 696, 448-470.	1.6	125

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109	<i>Herschel</i> /PACS spectroscopy of NGC 4418 and Arp 220: H <sub>2</sub> O, H <sub>2</sub> <sup>18</sup> O, OH, <sup>18</sup> OH, O <sub>2</sub> , HCN, and NH <sub>3</sub> . <i>Astronomy and Astrophysics</i> , 2012, 541, A4.	2.1	124
110	Near-Infrared Integral Field Spectroscopy and Mid-Infrared Spectroscopy of the Starburst Galaxy M82. <i>Astrophysical Journal</i> , 2001, 552, 544-571.	1.6	120
111	The KMOS 3D Survey: Demographics and Properties of Galactic Outflows at $z=0.6-2.7^*$ . <i>Astrophysical Journal</i> , 2019, 875, 21.	1.6	118
112	A DEEP HUBBLE SPACE TELESCOPE H-BAND IMAGING SURVEY OF MASSIVE GAS-RICH MERGERS. II. THE QUEST QSOs. <i>Astrophysical Journal</i> , 2009, 701, 587-606.	1.6	117
113	THE STAR FORMATION HISTORY OF THE MILKY WAY'S NUCLEAR STAR CLUSTER. <i>Astrophysical Journal</i> , 2011, 741, 108.	1.6	117
114	MOLECULAR GAS STREAMERS FEEDING AND OBSCURING THE ACTIVE NUCLEUS OF NGC 1068. <i>Astrophysical Journal</i> , 2009, 691, 749-759.	1.6	116
115	A mid-infrared spectroscopic survey of starburst galaxies: Excitation and abundances. <i>Astronomy and Astrophysics</i> , 2003, 403, 829-846.	2.1	114
116	THE EVOLUTION OF METALLICITY AND METALLICITY GRADIENTS FROM $z = 2.7$ TO $0.6$ WITH KMOS 3D. <i>Astrophysical Journal</i> , 2016, 827, 74.	1.6	109
117	The neutral-gas disk around the galactic center. <i>Astrophysical Journal</i> , 1985, 297, 766.	1.6	108
118	HOW WELL CAN WE MEASURE THE INTRINSIC VELOCITY DISPERSION OF DISTANT DISK GALAXIES?. <i>Astrophysical Journal</i> , 2011, 741, 69.	1.6	107
119	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \sim 1$ . <i>Astrophysical Journal</i> , 2016, 826, 214.	1.6	107
120	HIGH-REDSHIFT STAR-FORMING GALAXIES: ANGULAR MOMENTUM AND BARYON FRACTION, TURBULENT PRESSURE EFFECTS, AND THE ORIGIN OF TURBULENCE. <i>Astrophysical Journal</i> , 2010, 725, 2324-2332.	1.6	106
121	Dissecting the cosmic infra-red background with <i>Herschel</i> /PEP. <i>Astronomy and Astrophysics</i> , 2010, 518, L30.	2.1	106
122	PHYSICS OF THE GALACTIC CENTER CLOUD G2, ON ITS WAY TOWARD THE SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2012, 750, 58.	1.6	106
123	Near-infrared line imaging of NGC 6240 - Collision shock and nuclear starburst. <i>Astrophysical Journal</i> , 1993, 405, 522.	1.6	104
124	Probing Post-Newtonian Physics near the Galactic Black Hole with Stellar Redshift Measurements. <i>Astrophysical Journal</i> , 2006, 639, L21-L24.	1.6	102
125	STELLAR AND MOLECULAR GAS KINEMATICS OF NGC 1097: INFLOW DRIVEN BY A NUCLEAR SPIRAL. <i>Astrophysical Journal</i> , 2009, 702, 114-128.	1.6	102
126	Dust Attenuation, Bulge Formation, and Inside-out Quenching of Star Formation in Star-forming Main Sequence Galaxies at $z \sim 2^*$ . <i>Astrophysical Journal</i> , 2018, 859, 56.	1.6	100



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127	BULGE-FORMING GALAXIES WITH AN EXTENDED ROTATING DISK AT $z \approx 1/4$ . <i>Astrophysical Journal</i> , 2017, 834, 135.	1.6	99
128	THE HALO MERGER RATE IN THE MILLENNIUM SIMULATION AND IMPLICATIONS FOR OBSERVED GALAXY MERGER FRACTIONS. <i>Astrophysical Journal</i> , 2009, 701, 2002-2018.	1.6	97
129	THE SINS/zC-SINF SURVEY OF $z \approx 1/4$ GALAXY KINEMATICS: THE NATURE OF DISPERSION-DOMINATED GALAXIES. <i>Astrophysical Journal</i> , 2013, 767, 104.	1.6	97
130	Kinematics of the old stellar population at the Galactic centre. <i>Astronomy and Astrophysics</i> , 2008, 492, 419-439.	2.1	96
131	NUCLEAR ACTIVITY IS MORE PREVALENT IN STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 771, 63.	1.6	96
132	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT $0.8 < z < 2.6$ . <i>Astrophysical Journal Letters</i> , 2014, 789, L40.	3.0	96
133	First direct detection of an exoplanet by optical interferometry. <i>Astronomy and Astrophysics</i> , 2019, 623, L11.	2.1	95
134	Mass distribution in the Galactic Center based on interferometric astrometry of multiple stellar orbits. <i>Astronomy and Astrophysics</i> , 2022, 657, L12.	2.1	94
135	Molecular Gas in the Lensed Lyman Break Galaxy cB58. <i>Astrophysical Journal</i> , 2004, 604, 125-140.	1.6	92
136	ALMA Resolves the Nuclear Disks of Arp 220. <i>Astrophysical Journal</i> , 2017, 836, 66.	1.6	91
137	ISO spectroscopy of star formation and active nuclei in the luminous infrared galaxy NGC 6240. <i>Astronomy and Astrophysics</i> , 2003, 409, 867-878.	2.1	89
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