

Reinhard Genzel

List of Publications by Year in descending order

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Version: 2024-02-01

304
papers

47,373
citations

1229

113
h-index

2108

210
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306
all docs

306
docs citations

306
times ranked

12360
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular gas properties of Q1700-MD94: A massive main-sequence galaxy at $z \approx 2$. <i>Astronomy and Astrophysics</i> , 2022, 657, L15.	2.1	5
2	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
3	Deep images of the Galactic center with GRAVITY. <i>Astronomy and Astrophysics</i> , 2022, 657, A82.	2.1	11
4	Galactic Winds across the Gas-rich Merger Sequence. I. Highly Ionized N v and O vi Outflows in the QUEST Quasars*. <i>Astrophysical Journal</i> , 2022, 926, 60.	1.6	7
5	Nobel Lecture: A forty-year journey. <i>Reviews of Modern Physics</i> , 2022, 94, .	16.4	4
6	The Young Stars in the Galactic Center. <i>Astrophysical Journal Letters</i> , 2022, 932, L6.	3.0	24
7	Detection of faint stars near Sagittarius A* with GRAVITY. <i>Astronomy and Astrophysics</i> , 2021, 645, A127.	2.1	28
8	Constraining the Nature of the PDS 70 Protoplanets with VLT/GRAVITY $\hat{=}$. <i>Astronomical Journal</i> , 2021, 161, 148.	1.9	59
9	The Diverse Molecular Gas Content of Massive Galaxies Undergoing Quenching at $z \approx 1$. <i>Astrophysical Journal Letters</i> , 2021, 909, L11.	3.0	24
10	The KMOS $3D$ Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 \lesssim z \lesssim 3$. <i>Astrophysical Journal</i> , 2021, 909, 78.	1.6	19
11	Improved GRAVITY astrometric accuracy from modeling optical aberrations. <i>Astronomy and Astrophysics</i> , 2021, 647, A59.	2.1	82
12	Relative depolarization of the black hole photon ring in GRMHD models of Sgr A* and M87*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4563-4575.	1.6	14
13	The central parsec of NGC 3783: a rotating broad emission line region, asymmetric hot dust structure, and compact coronal line region. <i>Astronomy and Astrophysics</i> , 2021, 648, A117.	2.1	37
14	Kiloparsec view of a typical star-forming galaxy when the Universe was $\approx 1/4$ Gyr old. <i>Astronomy and Astrophysics</i> , 2021, 649, A31.	2.1	42
15	MOLsphere and pulsations of the Galactic Center's red supergiant GCIRS 7 from VLT/GRAVITY. <i>Astronomy and Astrophysics</i> , 2021, 651, A37.	2.1	3
16	Constraining particle acceleration in Sgr A $\hat{=}$ with simultaneous GRAVITY, <i>Spitzer</i> , <i>NuSTAR</i> , and <i>Chandra</i> observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A22.	2.1	28
17	GRAVITY <i>K</i> -band spectroscopy of HD 206893 B. <i>Astronomy and Astrophysics</i> , 2021, 652, A57.	2.1	12
18	Core formation in high- z massive haloes: heating by post-compactation satellites and response to AGN outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 999-1019.	1.6	10

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19	The mass of α Pictoris c from α Pictoris b orbital motion. <i>Astronomy and Astrophysics</i> , 2021, 654, L2.	2.1	33
20	Rotation Curves in $z \sim 1/4$ Star-forming Disks: Comparison of Dark Matter Fractions and Disk Properties for Different Fitting Methods. <i>Astrophysical Journal</i> , 2021, 922, 143.	1.6	19
21	Sgr A* near-infrared flares from reconnection events in a magnetically arrested disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4999-5007.	1.6	56
22	Direct confirmation of the radial-velocity planet α Pictoris c. <i>Astronomy and Astrophysics</i> , 2020, 642, L2.	2.1	61
23	Ionized outflows in local luminous AGN: what are the real densities and outflow rates?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4150-4177.	1.6	78
24	Molecular outflows in local galaxies: Method comparison and a role of intermittent AGN driving. <i>Astronomy and Astrophysics</i> , 2020, 633, A134.	2.1	85
25	AGN feedback in a galaxy merger: multi-phase, galaxy-scale outflows with a fast molecular gas blob $\sim 1/6$ kpc away from IRAS F08572+3915. <i>Astronomy and Astrophysics</i> , 2020, 635, A47.	2.1	25
26	Modeling the orbital motion of Sgr A*'s near-infrared flares. <i>Astronomy and Astrophysics</i> , 2020, 635, A143.	2.1	51
27	Molecular gas inflows and outflows in ultraluminous infrared galaxies at $z \sim 0.2$ and one QSO at $z = 6.1$. <i>Astronomy and Astrophysics</i> , 2020, 633, L4.	2.1	17
28	An image of the dust sublimation region in the nucleus of NGC 1068. <i>Astronomy and Astrophysics</i> , 2020, 634, A1.	2.1	67
29	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
30	A parameter survey of Sgr A* radiative models from GRMHD simulations with self-consistent electron heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4168-4186.	1.6	45
31	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
32	The resolved size and structure of hot dust in the immediate vicinity of AGN. <i>Astronomy and Astrophysics</i> , 2020, 635, A92.	2.1	46
33	Peering into the formation history of α Pictoris b with VLTI/GRAVITY long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2020, 633, A110.	2.1	78
34	The flux distribution of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020, 638, A2.	2.1	34
35	Dynamically important magnetic fields near the event horizon of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020, 643, A56.	2.1	29
36	The spatially resolved broad line region of IRAS 09149+6206. <i>Astronomy and Astrophysics</i> , 2020, 643, A154.	2.1	39

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37	The kinematics and dark matter fractions of TNG50 galaxies at $\langle z \rangle = 2$ from an observational perspective. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4597-4619.	1.6	17
38	Plateau de Bure High- z Blue Sequence Survey 2 (PHIBSS2): Search for Secondary Sources, CO Luminosity Functions in the Field, and the Evolution of Molecular Gas Density through Cosmic Time*. <i>Astronomical Journal</i> , 2020, 159, 190.	1.9	36
39	The Regulation of Galaxy Growth along the Size-Mass Relation by Star Formation, as Traced by $H\alpha$ in KMOS $3D$ Galaxies at $0.7 < z < 2.7$. <i>Astrophysical Journal</i> , 2020, 892, 1.	1.6	54
40	From Nuclear to Circumgalactic: Zooming in on AGN-driven Outflows at $z \sim 2.2$ with SINFONI. <i>Astrophysical Journal</i> , 2020, 894, 28.	1.6	21
41	Structural Evolution in Massive Galaxies at $z \sim 2$. <i>Astrophysical Journal</i> , 2020, 901, 74.	1.6	52
42	Rotation Curves in $z \sim 2$ Star-forming Disks: Evidence for Cored Dark Matter Distributions. <i>Astrophysical Journal</i> , 2020, 902, 98.	1.6	55
43	Determining Subparsec Supermassive Black Hole Binary Orbits with Infrared Interferometry. <i>Astrophysical Journal</i> , 2020, 905, 33.	1.6	3
44	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
45	The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \sim 2.6$ to $z \sim 0.6$ with KMOS $3D$ $\langle \sigma \rangle$. <i>Astrophysical Journal</i> , 2019, 880, 48.	1.6	84
46	The multiphase gas structure and kinematics in the circumnuclear region of NGC 5728. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5860-5887.	1.6	54
47	Scalar field effects on the orbit of S2 star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4606-4621.	1.6	37
48	A Spectroscopic Study of a Rich Cluster at $z \sim 1.52$ with Subaru and LBT: The Environmental Impacts on the Mass-Metallicity Relation. <i>Astrophysical Journal</i> , 2019, 877, 118.	1.6	6
49	Molecular and Ionized Gas Phases of an AGN-driven Outflow in a Typical Massive Galaxy at $z \sim 2$. <i>Astrophysical Journal</i> , 2019, 871, 37.	1.6	56
50	The KMOS $3D$ Survey: Demographics and Properties of Galactic Outflows at $z \sim 0.6 - 2.7$. <i>Astrophysical Journal</i> , 2019, 875, 21.	1.6	118
51	First direct detection of an exoplanet by optical interferometry. <i>Astronomy and Astrophysics</i> , 2019, 623, L11.	2.1	95
52	Kiloparsec Scale Properties of Star Formation Driven Outflows at $z \sim 2.3$ in the SINS/ z C-SINF AO Survey*. <i>Astrophysical Journal</i> , 2019, 873, 122.	1.6	65
53	Test of the Einstein Equivalence Principle near the Galactic Center Supermassive Black Hole. <i>Physical Review Letters</i> , 2019, 122, 101102.	2.9	37
54	PHIBSS2: survey design and $\langle z \rangle = 0.5 - 0.8$ results. <i>Astronomy and Astrophysics</i> , 2019, 622, A105.	2.1	77

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55	Millimeter Mapping at $z \approx 1$: Dust-obscured Bulge Building and Disk Growth. <i>Astrophysical Journal</i> , 2019, 870, 130.	1.6	33
56	Detection of a Drag Force in G2's Orbit: Measuring the Density of the Accretion Flow onto Sgr A* at 1000 Schwarzschild Radii. <i>Astrophysical Journal</i> , 2019, 871, 126.	1.6	46
57	Spectroscopic Detection of a Cusp of Late-type Stars around the Central Black Hole in the Milky Way. <i>Astrophysical Journal Letters</i> , 2019, 872, L15.	3.0	25
58	ARGOS at the LBT. <i>Astronomy and Astrophysics</i> , 2019, 621, A4.	2.1	16
59	Resolved Molecular Gas and Star Formation Properties of the Strongly Lensed $z = 2.26$ Galaxy SDSS J0901+1814. <i>Astrophysical Journal</i> , 2019, 879, 52.	1.6	16
60	The KMOS $3D$ Survey: Data Release and Final Survey Paper*. <i>Astrophysical Journal</i> , 2019, 886, 124.	1.6	79
61	What stellar orbit is needed to measure the spin of the Galactic centre black hole from astrometric data?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3600-3610.	1.6	27
62	LLAMA: nuclear stellar properties of Swift-BAT AGN and matched inactive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4582-4611.	1.6	13
63	The KMOS $3D$ Survey: Rotating Compact Star-forming Galaxies and the Decomposition of Integrated Line Widths*. <i>Astrophysical Journal</i> , 2018, 855, 97.	1.6	32
64	Ionized and Molecular Gas Kinematics in a $z \approx 1.4$ Star-forming Galaxy*. <i>Astrophysical Journal Letters</i> , 2018, 854, L24.	3.0	43
65	Multiple star systems in the Orion nebula. <i>Astronomy and Astrophysics</i> , 2018, 620, A116.	2.1	23
66	The SINS/zC-SINF Survey of $z \approx 2$ Galaxy Kinematics: SINFONI Adaptive Optics-assisted Data and Kiloparsec-scale Emission-line Properties*. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 21.	3.0	143
67	3D AMR hydrosimulations of a compact-source scenario for the Galactic Centre cloud G2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5288-5302.	1.6	3
68	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
69	A Detection of Sgr A* in the Far Infrared. <i>Astrophysical Journal</i> , 2018, 862, 129.	1.6	27
70	Cross-calibration of CO- versus dust-based gas masses and assessment of the dynamical mass budget in Herschel-SDSS Stripe82 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1442-1458.	1.6	23
71	LLAMA: normal star formation efficiencies of molecular gas in the centres of luminous Seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5658-5679.	1.6	57
72	Probing the gas density in our Galactic Centre: moving mesh simulations of G2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1841-1849.	1.6	4

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73	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. <i>Astrophysical Journal</i> , 2018, 853, 179.	1.6	467
74	BAT AGN Spectroscopic Survey. VIII. Type 1 AGN with Massive Absorbing Columns. <i>Astrophysical Journal</i> , 2018, 856, 154.	1.6	24
75	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
76	Dust Attenuation, Bulge Formation, and Inside-out Quenching of Star Formation in Star-forming Main Sequence Galaxies at $z \approx 2$ *. <i>Astrophysical Journal</i> , 2018, 859, 56.	1.6	100
77	SHINING, A Survey of Far-infrared Lines in Nearby Galaxies. I. Survey Description, Observational Trends, and Line Diagnostics. <i>Astrophysical Journal</i> , 2018, 861, 94.	1.6	55
78	SHINING, A Survey of Far-infrared Lines in Nearby Galaxies. II. Line-deficit Models, AGN Impact, $[C\ II]$ SFR Scaling Relations, and Mass-Metallicity Relation in (U)LIRGs. <i>Astrophysical Journal</i> , 2018, 861, 95.	1.6	75
79	ERIS: revitalising an adaptive optics instrument for the VLT. , 2018, , .		16
80	Optical Distortion in the NACO Imager. <i>Research Notes of the AAS</i> , 2018, 2, 35.	0.3	4
81	Improving GRAVITY towards observations of faint targets. , 2018, , .		3
82	An Update on Monitoring Stellar Orbits in the Galactic Center. <i>Astrophysical Journal</i> , 2017, 837, 30.	1.6	379
83	The Post-pericenter Evolution of the Galactic Center Source G2. <i>Astrophysical Journal</i> , 2017, 840, 50.	1.6	30
84	KMOS ^{3D} Reveals Low-level Star Formation Activity in Massive Quiescent Galaxies at $0.7 \lesssim z \lesssim 2.7$. <i>Astrophysical Journal Letters</i> , 2017, 841, L6.	3.0	44
85	The Evolution of the Tully-Fisher Relation between $z \approx 2.3$ and $z \approx 0.9$ with KMOS ^{3D} . <i>Astrophysical Journal</i> , 2017, 842, 121.	1.6	73
86	Rotating Starburst Cores in Massive Galaxies at $z \approx 2.5$. <i>Astrophysical Journal Letters</i> , 2017, 841, L25.	3.0	67
87	Falling Outer Rotation Curves of Star-forming Galaxies at $0.6 \lesssim z \lesssim 2.6$ Probed with KMOS ^{3D} and SINS/zC-SINF. <i>Astrophysical Journal</i> , 2017, 840, 92.	1.6	64
88	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
89	Twelve Years of Spectroscopic Monitoring in the Galactic Center: The Closest Look at S-stars near the Black Hole. <i>Astrophysical Journal</i> , 2017, 847, 120.	1.6	87
90	Submilliarcsecond Optical Interferometry of the High-mass X-Ray Binary BP Cru with VLTI/GRAVITY. <i>Astrophysical Journal</i> , 2017, 844, 72.	1.6	18

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91	PHIBSS: exploring the dependence of the CO \rightarrow H $_2$ conversion factor on total mass surface density at $z \lesssim 1.5$. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4886-4901.	1.6	20
92	BULGE-FORMING GALAXIES WITH AN EXTENDED ROTATING DISK AT $z \sim 1/4$. Astrophysical Journal, 2017, 834, 135		99
93	Galaxy Environment in the 3D-HST Fields: Witnessing the Onset of Satellite Quenching at $z \sim 1/4$. Astrophysical Journal, 2017, 835, 153.	1.6	88
94	ALMA Resolves the Nuclear Disks of Arp 220. Astrophysical Journal, 2017, 836, 66.	1.6	91
95	xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. Astrophysical Journal, Supplement Series, 2017, 233, 22.	3.0	350
96	Interstellar medium conditions in $z \sim 0.2$ Lyman-break analogs. Astronomy and Astrophysics, 2017, 606, A86.	2.1	9
97	First light for GRAVITY: Phase referencing optical interferometry for the Very Large Telescope Interferometer. Astronomy and Astrophysics, 2017, 602, A94.	2.1	333
98	THE G2+G2t COMPLEX AS A FAST AND MASSIVE OUTFLOW?. Astrophysical Journal Letters, 2016, 819, L28.	3.0	6
99	Measures of galaxy dust and gas mass with <i>Herschel</i> photometry and prospects for ALMA. Astronomy and Astrophysics, 2016, 587, A73.	2.1	80
100	On the relation of optical obscuration and X-ray absorption in Seyfert galaxies. Astronomy and Astrophysics, 2016, 586, A28.	2.1	62
101	The far-infrared emitting region in local galaxies and QSOs: Size and scaling relations. Astronomy and Astrophysics, 2016, 591, A136.	2.1	68
102	KMOS3D: DYNAMICAL CONSTRAINTS ON THE MASS BUDGET IN EARLY STAR-FORMING DISKS*. Astrophysical Journal, 2016, 831, 149.	1.6	83
103	THE NUCLEAR CLUSTER OF THE MILKY WAY: TOTAL MASS AND LUMINOSITY*. Astrophysical Journal, 2016, 821, 44.	1.6	63
104	Molecular and atomic gas along and across the main sequence of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1749-1756.	1.6	184
105	3D AMR simulations of the evolution of the diffuse gas cloud G2 in the Galactic Centre. Proceedings of the International Astronomical Union, 2016, 11, 241-242.	0.0	0
106	Constraints on the broad-line region properties and extinction in local Seyferts. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3570-3590.	1.6	40
107	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \sim 1/4$. Astrophysical Journal, 2016, 826, 214.	1.6	107
108	Making SPIFFI SPIFFIER: upgrade of the SPIFFI instrument for use in ERIS and performance analysis from re-commissioning. Proceedings of SPIE, 2016, , .	0.8	7

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109	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
110	HIGH-RESOLUTION IMAGING OF PHIBSS $z \approx 2$ MAIN-SEQUENCE GALAXIES IN CO(1) = 1 \hat{t} ' 0. <i>Astrophysical Journal</i> , 2015, 809, 175.	1.6	42
111	A DEEP HERSCHEL/PACS OBSERVATION OF CO(40-39) IN NGC 1068: A SEARCH FOR THE MOLECULAR TORUS. <i>Astrophysical Journal</i> , 2015, 811, 74.	1.6	2
112	3D ADAPTIVE MESH REFINEMENT SIMULATIONS OF THE GAS CLOUD G2 BORN WITHIN THE DISKS OF YOUNG STARS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2015, 811, 155.	1.6	15
113	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
114	THE KMOS ^{3D} SURVEY: DESIGN, FIRST RESULTS, AND THE EVOLUTION OF GALAXY KINEMATICS FROM $0.7 \hat{t} z \hat{t} 2.7$. <i>Astrophysical Journal</i> , 2015, 799, 209.	1.6	406
115	ALMA IMAGING OF HCN, CS, AND DUST IN ARP 220 AND NGC 6240. <i>Astrophysical Journal</i> , 2015, 800, 70.	1.6	89
116	THE GALACTIC CENTER CLOUD G2 AND ITS GAS STREAMER. <i>Astrophysical Journal</i> , 2015, 798, 111.	1.6	77
117	HIGH-LYING OH ABSORPTION, [C II] DEFICITS, AND EXTREME L _{FIR} /M _{H2} RATIOS IN GALAXIES. <i>Astrophysical Journal</i> , 2015, 800, 69.	1.6	33
118	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
119	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
120	THE SINS _z -SINF SURVEY OF $z \approx 2$ GALAXY KINEMATICS: REST-FRAME MORPHOLOGY, STRUCTURE, AND COLORS FROM NEAR-INFRARED HUBBLE SPACE TELESCOPE IMAGING. <i>Astrophysical Journal</i> , 2015, 802, 101.	1.6	65
121	HIGH- z CO SLEDs IN NEARBY INFRARED BRIGHT GALAXIES OBSERVED BY HERSCHEL/PACS. <i>Astrophysical Journal</i> , 2015, 802, 81.	1.6	65
122	INSIGHTS ON THE DUSTY TORUS AND NEUTRAL TORUS FROM OPTICAL AND X-RAY OBSCURATION IN A COMPLETE VOLUME LIMITED HARD X-RAY AGN SAMPLE. <i>Astrophysical Journal</i> , 2015, 806, 127.	1.6	61
123	Pinpointing the near-infrared location of Sgr A* by correcting optical distortion in the NACO imager. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3235-3245.	1.6	52
124	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT $0.8 \hat{t} z \hat{t} 2.6$. <i>Astrophysical Journal Letters</i> , 2014, 789, L40.	3.0	96
125	THE SINS _z -SINF SURVEY OF $z \approx 2$ GALAXY KINEMATICS: EVIDENCE FOR GRAVITATIONAL QUENCHING. <i>Astrophysical Journal</i> , 2014, 785, 75.	1.6	152
126	NEBULAR EXCITATION IN $z \approx 2$ STAR-FORMING GALAXIES FROM THE SINS AND LUCI SURVEYS: THE INFLUENCE OF SHOCKS AND ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2014, 781, 21.	1.6	65

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127	BULGE GROWTH AND QUENCHING SINCE $z = 2.5$ IN CANDELS/3D-HST. <i>Astrophysical Journal</i> , 2014, 788, 11.	1.6	244
128	EVIDENCE FOR WIDE-SPREAD ACTIVE GALACTIC NUCLEUS-DRIVEN OUTFLOWS IN THE MOST MASSIVE $z \sim 1$ 1-2 STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 7.	1.6	184
129	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
130	ON THE ORIGIN OF THE B-STARS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2014, 784, 23.	1.6	30
131	The evolution of the dust and gas content in galaxies. <i>Astronomy and Astrophysics</i> , 2014, 562, A30.	2.1	220
132	The evolution of the dust temperatures of galaxies in the SFR $\propto M_{\text{dust}}^{-1}$ plane up to $z \sim 2$. <i>Astronomy and Astrophysics</i> , 2014, 561, A86.	2.1	194
133	THE FAR-INFRARED, UV, AND MOLECULAR GAS RELATION IN GALAXIES UP TO $z = 2.5$. <i>Astrophysical Journal</i> , 2013, 762, 125.	1.6	44
134	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
135	VALIDATION OF THE EQUILIBRIUM MODEL FOR GALAXY EVOLUTION TO $z \sim 3$ THROUGH MOLECULAR GAS AND DUST OBSERVATIONS OF LENSED STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 778, 2.	1.6	205
136	PHIBSS: MOLECULAR GAS, EXTINCTION, STAR FORMATION, AND KINEMATICS IN THE $z = 1.5$ STAR-FORMING GALAXY EGS13011166. <i>Astrophysical Journal</i> , 2013, 773, 68.	1.6	78
137	NUCLEAR ACTIVITY IS MORE PREVALENT IN STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 771, 63.	1.6	96
138	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
139	PERICENTER PASSAGE OF THE GAS CLOUD G2 IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2013, 774, 44.	1.6	74
140	HYDRODYNAMICAL SIMULATIONS OF A COMPACT SOURCE SCENARIO FOR THE GALACTIC CENTER CLOUD G2. <i>Astrophysical Journal</i> , 2013, 776, 13.	1.6	45
141	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
142	PHIBSS: MOLECULAR GAS CONTENT AND SCALING RELATIONS IN $z \sim 1$ 1-3 MASSIVE, MAIN-SEQUENCE STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 768, 74.	1.6	752
143	Excited OH^+ , H_2O^+ , and H_3O^+ in NGC 4418 and Arp 220. <i>Astronomy and Astrophysics</i> , 2013, 550, A25.	2.1	89
144	The effect of metal enrichment and galactic winds on galaxy formation in cosmological zoom simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2929-2949.	1.6	77

#	ARTICLE	IF	CITATIONS
145	Towards a resolved Kennicutt-Schmidt law at high redshift. <i>Astronomy and Astrophysics</i> , 2013, 553, A130.	2.1	55
146	NEW OBSERVATIONS OF THE GAS CLOUD G2 IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2013, 763, 78.	1.6	85
147	Observations of the gas cloud G2 in the Galactic center. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 254-263.	0.0	1
148	On the origin of young stars at the Galactic center. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 238-241.	0.0	1
149	The nuclear cluster of the Milky Way: total mass and luminosity. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 248-251.	0.0	2
150	THE SINS/zC-SINF SURVEY OF $z \sim 1/4$ 2 GALAXY KINEMATICS: THE NATURE OF DISPERSION-DOMINATED GALAXIES. <i>Astrophysical Journal</i> , 2013, 767, 104.	1.6	97
151	THE SURPRISING ABSENCE OF ABSORPTION IN THE FAR-ULTRAVIOLET SPECTRUM OF Mrk 231. <i>Astrophysical Journal</i> , 2013, 764, 15.	1.6	37
152	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
153	Molecular gas mass functions of normal star-forming galaxies since $z \sim 3$. <i>Astronomy and Astrophysics</i> , 2013, 555, L8.	2.1	27
154	Spectroscopic FIR mapping of the disk and galactic wind of M82 with <i>Herschel</i> -PACS. <i>Astronomy and Astrophysics</i> , 2013, 549, A118.	2.1	55
155	<i>HERSCHEL</i> -PACS OBSERVATIONS OF FAR-IR CO LINE EMISSION IN NGC 1068: HIGHLY EXCITED MOLECULAR GAS IN THE CIRCUMNUCLEAR DISK. <i>Astrophysical Journal</i> , 2012, 755, 57.	1.6	63
156	<i>Herschel</i> /PACS spectroscopy of NGC 4418 and Arp 220: H_2 , H_{2-18} , O_{18} , OH, O_{18} , HCN, and NH_3 . <i>Astronomy and Astrophysics</i> , 2012, 541, A4.	2.1	124
157	The mean star formation rate of X-ray selected active galaxies and its evolution from $z \sim 2.5$: results from PEP- <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2012, 545, A45.	2.1	250
158	SHORT-LIVED STAR-FORMING GIANT CLUMPS IN COSMOLOGICAL SIMULATIONS OF $z \sim 2$ DISKS. <i>Astrophysical Journal</i> , 2012, 745, 11.	1.6	146
159	The distance to the Galactic Center. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 29-35.	0.0	4
160	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
161	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
162	THE SINS/zC-SINF SURVEY OF $z \sim 1/4$ 2 GALAXY KINEMATICS: OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2012, 761, 43.	1.6	182

#	ARTICLE	IF	CITATIONS
163	SHOCKED SUPERWINDS FROM THE $z \approx 2$ CLUMPY STAR-FORMING GALAXY, ZC406690. <i>Astrophysical Journal</i> , 2012, 752, 111.	1.6	79
164	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
165	LUCI in the sky: performance and lessons learned in the first two years of near-infrared multi-object spectroscopy at the LBT. <i>Proceedings of SPIE</i> , 2012, , .	0.8	14
166	Status of the KMOS multi-object near-infrared integral field spectrograph. <i>Proceedings of SPIE</i> , 2012, , .	0.8	12
167	THE IMPACT OF EVOLVING INFRARED SPECTRAL ENERGY DISTRIBUTIONS OF GALAXIES ON STAR FORMATION RATE ESTIMATES. <i>Astrophysical Journal</i> , 2012, 745, 182.	1.6	85
168	SIMULATIONS OF THE ORIGIN AND FATE OF THE GALACTIC CENTER CLOUD G2. <i>Astrophysical Journal</i> , 2012, 755, 155.	1.6	76
169	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
170	A <i>Herschel</i> view of the far-infrared properties of submillimetre galaxies. <i>Astronomy and Astrophysics</i> , 2012, 539, A155.	2.1	232
171	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
172	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
173	Enhanced star formation rates in AGN hosts with respect to inactive galaxies from PEP- <i>Herschel</i> observations. <i>Astronomy and Astrophysics</i> , 2012, 540, A109.	2.1	183
174	THE METALLICITY DEPENDENCE OF THE CO \rightarrow H ₂ CONVERSION FACTOR IN $z \approx 1$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 746, 69.	1.6	232
175	GALAXY STRUCTURE AND MODE OF STAR FORMATION IN THE SFR-MASS PLANE FROM $z \approx 2.5$ TO $z \approx 0.1$. <i>Astrophysical Journal</i> , 2011, 742, 96.	1.6	590
176	PACS Evolutionary Probe (PEP) – A <i>Herschel</i> key program. <i>Astronomy and Astrophysics</i> , 2011, 532, A90.	2.1	407
177	Building the cosmic infrared background brick by brick with <i>Herschel</i> /PEP. <i>Astronomy and Astrophysics</i> , 2011, 532, A49.	2.1	151
178	THE SINS SURVEY OF $z \approx 2$ GALAXY KINEMATICS: PROPERTIES OF THE GIANT STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2011, 733, 101.	1.6	511
179	Arp 220: EXTINCTION AND MERGER-INDUCED STAR FORMATION. <i>Astrophysical Journal</i> , 2011, 729, 58.	1.6	26
180	THE zCOSMOS-SINFONI PROJECT. I. SAMPLE SELECTION AND NATURAL-SEEING OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 743, 86.	1.6	86

#	ARTICLE	IF	CITATIONS
181	CONSTRAINTS ON THE ASSEMBLY AND DYNAMICS OF GALAXIES. II. PROPERTIES OF KILOPARSEC-SCALE CLUMPS IN REST-FRAME OPTICAL EMISSION OF $z \approx 2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2011, 739, 45.	1.6	219
182	FAR-INFRARED LINE DEFICITS IN GALAXIES WITH EXTREME $L_{\mathrm{FIR}}/M_{\mathrm{H}_2}$ RATIOS. <i>Astrophysical Journal Letters</i> , 2011, 728, L7.	3.0	184
183	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
184	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
185	THE STAR FORMATION HISTORY OF THE MILKY WAY'S NUCLEAR STAR CLUSTER. <i>Astrophysical Journal</i> , 2011, 741, 108.	1.6	117
186	HOW WELL CAN WE MEASURE THE INTRINSIC VELOCITY DISPERSION OF DISTANT DISK GALAXIES?. <i>Astrophysical Journal</i> , 2011, 741, 69.	1.6	107
187	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
188	LINE DERIVED INFRARED EXTINCTION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2011, 737, 73.	1.6	184
189	THE LESSER ROLE OF STARBURSTS IN STAR FORMATION AT $z = 2$. <i>Astrophysical Journal Letters</i> , 2011, 739, L40.	3.0	669
190	CONSTRAINTS ON THE ASSEMBLY AND DYNAMICS OF GALAXIES. I. DETAILED REST-FRAME OPTICAL MORPHOLOGIES ON KILOPARSEC SCALE OF $z \approx 2$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2011, 731, 65.	1.6	143
191	COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - I. Relations between H_2 , $\mathrm{H}\alpha$, stellar content and structural properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 32-60.	1.6	418
192	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
193	THE STRUCTURE OF GRAVITATIONALLY UNSTABLE GAS-RICH DISK GALAXIES. <i>Astrophysical Journal</i> , 2010, 719, 1230-1243.	1.6	49
194	<i>Herschel</i> -PACS spectroscopy of IR-bright galaxies at high redshift. <i>Astronomy and Astrophysics</i> , 2010, 518, L36.	2.1	44
195	The first <i>Herschel</i> view of the mass-SFR link in high- z galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L25.	2.1	222
196	<i>Herschel</i> unveils a puzzling uniformity of distant dusty galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L29.	2.1	182
197	CO $J = 1-0$ SPECTROSCOPY OF FOUR SUBMILLIMETER GALAXIES WITH THE ZPECTROMETER ON THE GREEN BANK TELESCOPE. <i>Astrophysical Journal</i> , 2010, 723, 1139-1149.	1.6	79
198	The Photodetector Array Camera and Spectrometer (PACS) on the <i>Herschel</i> Space Observatory. <i>Astronomy and Astrophysics</i> , 2010, 518, L2.	2.1	1,880

#	ARTICLE	IF	CITATIONS
199	AN EXTREMELY TOP-HEAVY INITIAL MASS FUNCTION IN THE GALACTIC CENTER STELLAR DISKS. <i>Astrophysical Journal</i> , 2010, 708, 834-840.	1.6	275
200	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
201	MOST SUBMILLIMETER GALAXIES ARE MAJOR MERGERS. <i>Astrophysical Journal</i> , 2010, 724, 233-243.	1.6	236
202	TIME-DEPENDENT MODELS OF FLARES FROM SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2010, 725, 450-465.	1.6	79
203	GC-IRS13E – A PUZZLING ASSOCIATION OF THREE EARLY-TYPE STARS. <i>Astrophysical Journal</i> , 2010, 721, 395-411.	1.6	36
204	The Galactic Center massive black hole and nuclear star cluster. <i>Reviews of Modern Physics</i> , 2010, 82, 3121-3195.	16.4	854
205	What is limiting near-infrared astrometry in the Galactic Centre?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1177-1188.	1.6	62
206	High-resolution CO and radio imaging of ULIRGs: extended CO structures and implications for the universal star formation law. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	52
207	High molecular gas fractions in normal massive star-forming galaxies in the young Universe. <i>Nature</i> , 2010, 463, 781-784.	13.7	807
208	The dust content of high- z submillimeter galaxies revealed by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2010, 518, L154.	2.1	74
209	NGC 6240: merger-induced star formation and gas dynamics. <i>Astronomy and Astrophysics</i> , 2010, 524, A56.	2.1	53
210	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
211	Dissecting the cosmic infra-red background with <i>Herschel</i> /PEP. <i>Astronomy and Astrophysics</i> , 2010, 518, L30.	2.1	106
212	<i>Herschel</i> -PACS spectroscopic diagnostics of local ULIRGs: Conditions and kinematics in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L41.	2.1	218
213	EVIDENCE FOR WARPED DISKS OF YOUNG STARS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 697, 1741-1763.	1.6	215
214	A DEEP <i>HUBBLE</i> SPACE TELESCOPE <i>H</i> -BAND IMAGING SURVEY OF MASSIVE GAS-RICH MERGERS. II. THE QUEST QSOs. <i>Astrophysical Journal</i> , 2009, 701, 587-606.	1.6	117
215	THE ROLE OF MOLECULAR GAS IN OBSCURING SEYFERT ACTIVE GALACTIC NUCLEI,. <i>Astrophysical Journal</i> , 2009, 696, 448-470.	1.6	125
216	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

#	ARTICLE	IF	CITATIONS
217	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
218	MOLECULAR GAS STREAMERS FEEDING AND OBSCURING THE ACTIVE NUCLEUS OF NGC 1068. <i>Astrophysical Journal</i> , 2009, 691, 749-759.	1.6	116
219	THE SINS SURVEY: BROAD EMISSION LINES IN HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2009, 701, 955-963.	1.6	63
220	THE SINS SURVEY: SINFONI INTEGRAL FIELD SPECTROSCOPY OF $z \sim 1/4$ 2 STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2009, 706, 1364-1428.	1.6	887
221	MONITORING STELLAR ORBITS AROUND THE MASSIVE BLACK HOLE IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 692, 1075-1109.	1.6	1,290
222	SPITZER QUASAR AND ULIRG EVOLUTION STUDY (QUEST). IV. COMPARISON OF 1 Jy ULTRALUMINOUS INFRARED GALAXIES WITH PALOMAR-GREEN QUASARS. <i>Astrophysical Journal</i> , Supplement Series, 2009, 182, 628-666.	3.0	384
223	A Survey of Seyfert AGN: Nuclear Gas Disks and Direct Black Hole Mass Estimates. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 177-182.	0.0	0
224	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
225	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
226	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
227	From Rings to Bulges: Evidence for Rapid Secular Galaxy Evolution at $z \sim 1/4$ 2 from Integral Field Spectroscopy in the SINS Survey. <i>Astrophysical Journal</i> , 2008, 687, 59-77.	1.6	536
228	GRAVITY: getting to the event horizon of Sgr A*. <i>Proceedings of SPIE</i> , 2008, , .	0.8	47
229	On the Nature of the Fast-Moving Star S2 in the Galactic Center. <i>Astrophysical Journal</i> , 2008, 672, L119-L122.	1.6	72
230	Extended Silicate Dust Emission in Palomar Green QSOs. <i>Astrophysical Journal</i> , 2008, 679, 101-117.	1.6	63
231	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
232	Submillimeter Galaxies at $z \sim 1/4$ 2: Evidence for Major Mergers and Constraints on Lifetimes, IMF, and CO ₂ Conversion Factor. <i>Astrophysical Journal</i> , 2008, 680, 246-262.	1.6	603
233	Kinematics of the old stellar population at the Galactic centre. <i>Astronomy and Astrophysics</i> , 2008, 492, 419-439.	2.1	96
234	Mergers and Mass Accretion Rates in Galaxy Assembly: The Millennium Simulation Compared to Observations of $z \sim 1/4$ 2 Galaxies. <i>Astrophysical Journal</i> , 2008, 688, 789-793.	1.6	135

#	ARTICLE	IF	CITATIONS
235	OBSERVING THE FLARES OF Sgr A* WITH THE VERY LARGE TELESCOPE INTERFEROMETER. , 2008, , .		0
236	Stellar and wind properties of massive stars in the central parsec of the Galaxy. Astronomy and Astrophysics, 2007, 468, 233-254.	2.1	138
237	A Close Look at Star Formation around Active Galactic Nuclei. Astrophysical Journal, 2007, 671, 1388-1412.	1.6	356
238	The Position of Sagittarius A*. III. Motion of the Stellar Cusp. Astrophysical Journal, 2007, 659, 378-388.	1.6	69
239	Host Dynamics and Origin of Palomarâ€Green QSOs. Astrophysical Journal, 2007, 657, 102-115.	1.6	87
240	Dynamical Properties of $z \sim 2$ Star-forming Galaxies and a Universal Star Formation Relation. Astrophysical Journal, 2007, 671, 303-309.	1.6	215
241	Massive Stars in the Galactic Center. Proceedings of the International Astronomical Union, 2007, 3, 257-264.	0.0	0
242	15 years of high precision astrometry in the Galactic Center. Proceedings of the International Astronomical Union, 2007, 3, 466-469.	0.0	1
243	The structure of the nuclear stellar cluster of the Milky Way. Astronomy and Astrophysics, 2007, 469, 125-146.	2.1	189
244	Titan's bright spots: Multiband spectroscopic measurement of surface diversity and hazes. Journal of Geophysical Research, 2006, 111, .	3.3	21
245	High-Resolution Millimeter Imaging of Submillimeter Galaxies. Astrophysical Journal, 2006, 640, 228-240.	1.6	444
246	The power of new experimental techniques in astronomy: zooming in on the black hole in the Center of the Milky Way. Proceedings of the International Astronomical Union, 2006, 2, 63-76.	0.0	0
247	The Galactic Center. Proceedings of the International Astronomical Union, 2006, 2, 173-180.	0.0	4
248	A Deep Hubble Space Telescope H- α Band Imaging Survey of Massive Gas-rich Mergers. Astrophysical Journal, 2006, 643, 707-723.	1.6	88
249	The Two Young Star Disks in the Central Parsec of the Galaxy: Properties, Dynamics, and Formation. Astrophysical Journal, 2006, 643, 1011-1035.	1.6	549
250	SINFONI Integral Field Spectroscopy of $z \sim 2$ UV-selected Galaxies: Rotation Curves and Dynamical Evolution. Astrophysical Journal, 2006, 645, 1062-1075.	1.6	400
251	Spitzer Quasar and ULIRG Evolution Study (QUEST). I. The Origin of the Far-Infrared Continuum of QSOs. Astrophysical Journal, 2006, 649, 79-90.	1.6	202
252	GCIRS 16SW: A Massive Eclipsing Binary in the Galactic Center. Astrophysical Journal, 2006, 649, L103-L106.	1.6	54

#	ARTICLE	IF	CITATIONS
253	Probing Post-Newtonian Physics near the Galactic Black Hole with Stellar Redshift Measurements. <i>Astrophysical Journal</i> , 2006, 639, L21-L24.	1.6	102
254	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
255	Clockwise Stellar Disk and the Dark Mass in the Galactic Center. <i>Astrophysical Journal</i> , 2006, 648, 405-410.	1.6	48
256	An interferometric CO survey of luminous submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 1165-1183.	1.6	450
257	SINFONI in the Galactic Center: Young Stars and Infrared Flares in the Central Light. <i>Astrophysical Journal</i> , 2005, 628, 246-259.	1.6	532
258	First results from SPIFFI. I: The Galactic Center. <i>Astronomische Nachrichten</i> , 2004, 325, 88-91.	0.6	19
259	First results from SPIFFI, II: The luminous infrared galaxy NGC 6240 and the luminous sub-millimeter galaxy SMMJ 14011+0252. <i>Astronomische Nachrichten</i> , 2004, 325, 120-123.	0.6	2
260	KMOS: an infrared multiple-object integral field spectrograph for the ESO VLT. , 2004, 5492, 1179.		26
261	On-sky performance of SPIFFI: the integral field spectrometer for SINFONI at the VLT. , 2004, , .		9
262	Detection of the Sgr A* activity at 3.8 and 4.8 μm with NACO. <i>Astronomy and Astrophysics</i> , 2004, 424, L21-L25.	2.1	24
263	The infrared L'-band view of the Galactic Center with NAOS-CONICA at VLT. <i>Astronomy and Astrophysics</i> , 2004, 417, L15-L19.	2.1	35
264	Molecular Gas in the Lensed Lyman Break Galaxy cB58. <i>Astrophysical Journal</i> , 2004, 604, 125-140.	1.6	92
265	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
266	The Galactic Center stellar cluster: The central arcsecond. <i>Astronomische Nachrichten</i> , 2003, 324, 535-541.	0.6	16
267	SINFONI - Integral field spectroscopy at 50 milli-arcsecond resolution with the ESO VLT. , 2003, , .		307
268	The [Cii] 158 Micron Line Deficit in Ultraluminous Infrared Galaxies Revisited. <i>Astrophysical Journal</i> , 2003, 594, 758-775.	1.6	181
269	Stellar Dynamics in the Central Arcsecond of Our Galaxy. <i>Astrophysical Journal</i> , 2003, 596, 1015-1034.	1.6	318
270	A Geometric Determination of the Distance to the Galactic Center. <i>Astrophysical Journal</i> , 2003, 597, L121-L124.	1.6	289

#	ARTICLE	IF	CITATIONS
271	The Stellar Cusp around the Supermassive Black Hole in the Galactic Center. <i>Astrophysical Journal</i> , 2003, 594, 812-832.	1.6	478
272	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
273	A mid-infrared spectroscopic survey of starburst galaxies: Excitation and abundances. <i>Astronomy and Astrophysics</i> , 2003, 403, 829-846.	2.1	114
274	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
275	Mid-Infrared line diagnostics of active galaxies. <i>Astronomy and Astrophysics</i> , 2002, 393, 821-841.	2.1	188
276	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
277	Dust emission from the lensed Lyman break galaxy cB58. <i>Astronomy and Astrophysics</i> , 2001, 372, L37-L40.	2.1	51
278	Stellar Dynamics and the Implications on the Merger Evolution in NGC 6240. <i>Astrophysical Journal</i> , 2000, 537, 178-190.	1.6	84
279	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
280	Extragalactic Results from the Infrared Space Observatory. <i>Annual Review of Astronomy and Astrophysics</i> , 2000, 38, 761-814.	8.1	242
281	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
282	Gasdynamics in the Luminous Merger NGC 6240. <i>Astrophysical Journal</i> , 1999, 524, 732-745.	1.6	125
283	Counterrotating Nuclear Disks in Arp 220. <i>Astrophysical Journal</i> , 1999, 514, 68-76.	1.6	171
284	What Powers Ultraluminous IRAS Galaxies?. <i>Astrophysical Journal</i> , 1998, 498, 579-605.	1.6	967
285	The Nature and Evolution of Ultraluminous Infrared Galaxies: A Mid-Infrared Spectroscopic Survey. <i>Astrophysical Journal</i> , 1998, 505, L103-L107.	1.6	246
286	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
287	Atomic Oxygen in Molecular Clouds? High-Resolution Spectroscopy of the [O I] 63 Micron Line toward DR 21. <i>Astrophysical Journal</i> , 1996, 462, L43-L47.	1.6	26
288	The Dark Mass Concentration in the Central Parsec of the Milky Way. <i>Astrophysical Journal</i> , 1996, 472, 153-172.	1.6	263

#	ARTICLE	IF	CITATIONS
289	Fanatic: An SIS radiometer for radio astronomy from 660 to 695 GHz. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1994, 15, 1465-1480.	0.6	11
290	The nucleus of our Galaxy. <i>Reports on Progress in Physics</i> , 1994, 57, 417-479.	8.1	166
291	The nature of the dense obscuring material in the nucleus of NGC 1068. <i>Astrophysical Journal</i> , 1994, 426, L77.	1.6	164
292	Neutral gas in the central 2 parsecs of the Galaxy. <i>Astrophysical Journal</i> , 1993, 402, 173.	1.6	180
293	Near-infrared line imaging of NGC 6240 - Collision shock and nuclear starburst. <i>Astrophysical Journal</i> , 1993, 405, 522.	1.6	104
294	A cluster of He I emission-line stars in the Galactic center. <i>Astrophysical Journal</i> , 1991, 382, L19.	1.6	219
295	The optical depth of the 158 micron forbidden C-12 II line - Detection of the F = 1 - 0 forbidden C-13 II hyperfine-structure component. <i>Astrophysical Journal</i> , 1991, 382, L37.	1.6	26
296	Aperture synthesis observations of the circumnuclear ring in the Galactic center. <i>Astrophysical Journal</i> , 1987, 318, 124.	1.6	220
297	Mass distribution in the galactic centre. <i>Nature</i> , 1985, 315, 467-470.	13.7	25
298	The neutral-gas disk around the galactic center. <i>Astrophysical Journal</i> , 1985, 297, 766.	1.6	108
299	Mass Outflow in Molecular Clouds: A New Phase in the Evolution of Newly-Formed Stars?. <i>Highlights of Astronomy</i> , 1983, 6, 686-706.	0.0	1
300	MASER SOURCES IN THE ORION-KL REGION. <i>Annals of the New York Academy of Sciences</i> , 1982, 395, 142-153.	1.8	2
301	COMPACT CONTINUUM RADIO SOURCES IN THE ORION NEBULA. <i>Annals of the New York Academy of Sciences</i> , 1982, 395, 204-209.	1.8	5
302	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
303	Deriving a multivariate $\hat{\pm}$ CO conversion function using the [CII]/CO(1-0) ratio and its application to molecular gas scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	79
304	The Galactic Center stellar cluster: The central arcsecond*. , 0, , 535-541.		0