

Paul T P Ho

List of Publications by Year in descending order

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448
papers

27,644
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#	ARTICLE	IF	CITATIONS
1	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
2	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
3	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
4	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
5	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
6	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	8.3	568
7	The Hyper Suprime-Cam SSP Survey: Overview and survey design. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	566
8	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
9	The Submillimeter Array. <i>Astrophysical Journal</i> , 2004, 616, L1-L6.	4.5	509
10	Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	469
11	Interstellar Ammonia. <i>Annual Review of Astronomy and Astrophysics</i> , 1983, 21, 239-270.	24.3	443
12	Cosmology from cosmic shear power spectra with Subaru Hyper Suprime-Cam first-year data. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	413
13	A high-resolution image of atomic hydrogen in the M81 group of galaxies. <i>Nature</i> , 1994, 372, 530-532.	27.8	396
14	Jet-Launching Structure Resolved Near the Supermassive Black Hole in M87. <i>Science</i> , 2012, 338, 355-358.	12.6	336
15	First data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	327
16	Second data release of the Hyper Suprime-Cam Subaru Strategic Program. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	320
17	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
18	Hyper Suprime-Cam: System design and verification of image quality. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	289

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19	THE TW Hya DISK AT 870 μ m: COMPARISON OF CO AND DUST RADIAL STRUCTURES. <i>Astrophysical Journal</i> , 2012, 744, 162.	4.5	230
20	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
21	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
22	A size of $\sim 1/4$ au for the radio source Sgr A* at the centre of the Milky Way. <i>Nature</i> , 2005, 438, 62-64.	27.8	202
23	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104.	7.8	190
24	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	8.3	187
25	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*. <i>Science</i> , 2015, 350, 1242-1245.	12.6	176
26	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
27	Compact protoplanetary disks around the stars of a young binary system. <i>Nature</i> , 1998, 395, 355-357.	27.8	174
28	A disk of dust and molecular gas around a high-mass protostar. <i>Nature</i> , 2005, 437, 109-111.	27.8	168
29	Interferometric Imaging of IRAS 04368+2557 in the L1527 Molecular Cloud Core: A Dynamically Infalling Envelope with Rotation. <i>Astrophysical Journal</i> , 1997, 475, 211-223.	4.5	166
30	Imaging the Disk around TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2004, 616, L11-L14.	4.5	166
31	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
32	Luminous Infrared Galaxies with the Submillimeter Array. I. Survey Overview and the Central Gas to Dust Ratio. <i>Astrophysical Journal, Supplement Series</i> , 2008, 178, 189-224.	7.7	150
33	MAGNETIC FIELDS AND MASSIVE STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 792, 116.	4.5	142
34	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
35	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
36	Dynamical Collapse in W51 Massive Cores: CS (3σ) and CH ₃ CN Observations. <i>Astrophysical Journal</i> , 1998, 494, 636-656.	4.5	136

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37	The Radio Supernebula in NGC 5253. <i>Astrophysical Journal</i> , 2000, 532, L109-L112.	4.5	127
38	Constraints on black-hole charges with the 2017 EHT observations of M87*. <i>Physical Review D</i> , 2021, 103, .	4.7	126
39	Radio observations of water vapor, hydroxyl, silicon monoxide, ammonia, carbon monoxide, and compact H II regions in the vicinities of suspected Herbig-Haro objects. <i>Astrophysical Journal</i> , 1980, 235, 845.	4.5	126
40	Bright radio continuum emission from star formation in the cores of nearby spiral galaxies. <i>Astrophysical Journal</i> , 1994, 421, 122.	4.5	122
41	H I streamers around M82 - Tidally disrupted outer gas disk. <i>Astrophysical Journal</i> , 1993, 411, L17.	4.5	119
42	VLA Imaging of the Disk Surrounding the Nearby Young Star TW Hydrae. <i>Astrophysical Journal</i> , 2000, 534, L101-L104.	4.5	116
43	Submillimeter Array Imaging of the CO(3 $\hat{=}$ 2) Line and 860 $\hat{=}$ 4m Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. <i>Astrophysical Journal</i> , 2008, 684, 957-977.	4.5	114
44	Dynamical Collapse in W51 Massive Cores: NH ₃ Observations. <i>Astrophysical Journal</i> , 1997, 488, 241-257.	4.5	113
45	Rotation in the Protostellar Envelopes around IRAS 04169+2702 and IRAS 04365+2535: The Size Scale for Dynamical Collapse. <i>Astrophysical Journal</i> , 1997, 488, 317-329.	4.5	108
46	Variability of Sagittarius A*: Flares at 1 Millimeter. <i>Astrophysical Journal</i> , 2003, 586, L29-L32.	4.5	108
47	Intrinsic Size of Sagittarius A*: 72 Schwarzschild Radii. <i>Astrophysical Journal</i> , 1998, 508, L61-L64.	4.5	104
48	A Radio Jet $\hat{=}$ H ₂ O Maser System in W75N(B) at a 200 Au Scale: Exploring the Evolutionary Stages of Young Stellar Objects. <i>Astrophysical Journal</i> , 1997, 489, 744-752.	4.5	104
49	MEASURING MASS ACCRETION RATE ONTO THE SUPERMASSIVE BLACK HOLE IN M87 USING FARADAY ROTATION MEASURE WITH THE SUBMILLIMETER ARRAY. <i>Astrophysical Journal Letters</i> , 2014, 783, L33.	8.3	103
50	A rotating protostellar jet launched from the innermost disk of HH 212. <i>Nature Astronomy</i> , 2017, 1, .	10.1	102
51	The centre of the Milky Way. <i>Nature</i> , 1993, 361, 417-424.	27.8	101
52	EXPLOSIVE DISINTEGRATION OF A MASSIVE YOUNG STELLAR SYSTEM IN ORION. <i>Astrophysical Journal</i> , 2009, 704, L45-L48.	4.5	99
53	MASS AND HOT BARYONS IN MASSIVE GALAXY CLUSTERS FROM SUBARU WEAK-LENSING AND AMiBA SUNYAEV-ZEL'DOVICH EFFECT OBSERVATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1643-1663.	4.5	99
54	The circumstellar disk of AB $\hat{=}$ Aurigae: evidence for envelope accretion at late stages of star formation?. <i>Astronomy and Astrophysics</i> , 2012, 547, A84.	5.1	98

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55	230 GHz VLBI OBSERVATIONS OF M87: EVENT-HORIZON-SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY γ RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150.	4.5	98
56	The Radio Properties of NGC 5253 and Its Unusual H [CSC]ii/[CSC] Regions. <i>Astronomical Journal</i> , 1998, 116, 1212-1220.	4.7	92
57	Line Imaging of Orion KL at 865 μ m with the Submillimeter Array. <i>Astrophysical Journal</i> , 2005, 632, 355-370.	4.5	92
58	EVOLUTION OF MAGNETIC FIELDS IN HIGH-MASS STAR FORMATION: LINKING FIELD GEOMETRY AND COLLAPSE FOR THE W51 e2/e8 CORES. <i>Astrophysical Journal</i> , 2009, 700, 251-261.	4.5	91
59	Evidence for Evolution of the Outflow Collimation in Very Young Stellar Objects. <i>Astrophysical Journal</i> , 2003, 598, L115-L119.	4.5	90
60	THE 2014 ALMA LONG BASELINE CAMPAIGN: AN OVERVIEW. <i>Astrophysical Journal Letters</i> , 2015, 808, L1.	8.3	90
61	UNVEILING A NETWORK OF PARALLEL FILAMENTS IN THE INFRARED DARK CLOUD G14.225 \pm 0.506. <i>Astrophysical Journal Letters</i> , 2013, 764, L26.	8.3	88
62	ROTATION AND OUTFLOW MOTIONS IN THE VERY LOW-MASS CLASS 0 PROTOSTELLAR SYSTEM HH 211 AT SUBARCSECOND RESOLUTION. <i>Astrophysical Journal</i> , 2009, 699, 1584-1594.	4.5	87
63	The Dynamics of Molecular Material within 15 Parsecs of the Galactic Center. <i>Astrophysical Journal</i> , 2000, 533, 245-259.	4.5	87
64	EARLY STAGES OF CLUSTER FORMATION: FRAGMENTATION OF MASSIVE DENSE CORES DOWN TO ~ 1000 AU. <i>Astrophysical Journal</i> , 2013, 762, 120.	4.5	86
65	The 1 parsec radio core and possible nuclear ejection in NGC 253. <i>Astrophysical Journal</i> , 1985, 299, L77.	4.5	86
66	FROM THE CONVERGENCE OF FILAMENTS TO DISK-OUTFLOW ACCRETION: MASSIVE STAR FORMATION IN W33A. <i>Astrophysical Journal</i> , 2010, 725, 17-28.	4.5	85
67	KINEMATICS OF THE CO GAS IN THE INNER REGIONS OF THE TW Hya DISK. <i>Astrophysical Journal</i> , 2012, 757, 129.	4.5	83
68	VLA observations of massive star formation in spiral nuclei. <i>Astrophysical Journal</i> , 1983, 268, L79.	4.5	83
69	SiO J = 5-4 in the HH 211 Protostellar Jet Imaged with the Submillimeter Array. <i>Astrophysical Journal</i> , 2006, 636, L141-L144.	4.5	82
70	CO J = 6-5 Observations of TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2006, 636, L157-L160.	4.5	82
71	Interactions between the continuum sources in the galactic center and their immediate molecular environment. <i>Astrophysical Journal</i> , 1985, 288, 575.	4.5	81
72	UNVEILING THE EVOLUTIONARY SEQUENCE FROM INFALLING ENVELOPES TO KEPLERIAN DISKS AROUND LOW-MASS PROTOSTARS. <i>Astrophysical Journal</i> , 2013, 772, 22.	4.5	80

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73	Formation and Atmosphere of Complex Organic Molecules of the HH 212 Protostellar Disk. <i>Astrophysical Journal</i> , 2017, 843, 27.	4.5	80
74	The Thermal Radio Jet of Cepheus A HW2 and the Water Maser Distribution at 0[farcs]08 Scale (60 AU). <i>Astrophysical Journal</i> , 1996, 457, .	4.5	80
75	DR 21(OH): A HIGHLY FRAGMENTED, MAGNETIZED, TURBULENT DENSE CORE. <i>Astrophysical Journal</i> , 2013, 772, 69.	4.5	79
76	Planet Formation in AB Aurigae: Imaging of the Inner Gaseous Spirals Observed inside the Dust Cavity. <i>Astrophysical Journal</i> , 2017, 840, 32.	4.5	79
77	A Detection of [C ii] Line Emission in the z = 4.7 QSO BR 1202-0725. <i>Astrophysical Journal</i> , 2006, 645, L97-L100.	4.5	78
78	Submillimeter Arcsecondâ€Resolution Mapping of the Highly Collimated Protostellar Jet HH 211. <i>Astrophysical Journal</i> , 2007, 670, 1188-1197.	4.5	77
79	Radio Continuumâ€H2O Maser Systems in NGC 2071: H2O Masers Tracing a Jet (IRS 1) and a Rotating Protoâ€Planetary Disk of Radius 20 AU (IRS 3). <i>Astrophysical Journal</i> , 1998, 505, 756-765.	4.5	76
80	Molecular Superbubbles in the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2006, 636, 685-697.	4.5	75
81	GAS INFALL TOWARD Sgr A* FROM THE CLUMPY CIRCUMNUCLEAR DISK. <i>Astrophysical Journal</i> , 2009, 695, 1477-1494.	4.5	75
82	The Central Star Cluster of the Star-forming Dwarf Galaxy NGC 5253. <i>Astrophysical Journal</i> , 1996, 457, 610.	4.5	74
83	Structure of Sagittarius A* at 86 GHz[CLC]z[/CLC] using VLBI Closure Quantities. <i>Astronomical Journal</i> , 2001, 121, 2610-2617.	4.7	73
84	ALMA RESULTS OF THE PSEUDODISK, ROTATING DISK, AND JET IN THE CONTINUUM AND HCO⁺ IN THE PROTOSTELLAR SYSTEM HH 212. <i>Astrophysical Journal</i> , 2014, 786, 114.	4.5	73
85	Kinematics of Orion-KL - Aperture synthesis maps of 86 GHz SO emission. <i>Astrophysical Journal</i> , 1982, 259, 617.	4.5	73
86	Discovery of a synchrotron-emitting halo around NGC 253. <i>Astrophysical Journal</i> , 1992, 399, L59.	4.5	73
87	A Disk/Jet System toward the Highâ€Mass Young Star in AFGL 5142. <i>Astrophysical Journal</i> , 2002, 566, 982-992.	4.5	72
88	FORMATION OF AN O-STAR CLUSTER BY HIERARCHICAL ACCRETION IN G20.08â€0.14 N. <i>Astrophysical Journal</i> , 2009, 706, 1036-1053.	4.5	72
89	OBSERVATIONS OF INFALLING AND ROTATIONAL MOTIONS ON A 1000 AU SCALE AROUND 17 CLASS 0 AND 0/I PROTOSTARS: HINTS OF DISK GROWTH AND MAGNETIC BRAKING?. <i>Astrophysical Journal</i> , 2015, 799, 193.	4.5	72
90	The observed structure of the accretion flow around G10.6-0.4. <i>Astrophysical Journal</i> , 1988, 324, 920.	4.5	72

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91	First Confirmed Detection of a Bipolar Molecular Outflow from a Young Brown Dwarf. <i>Astrophysical Journal</i> , 2008, 689, L141-L144.	4.5	71
92	Anisotropic mass outflow in Cepheus A. <i>Astrophysical Journal</i> , 1980, 240, L149.	4.5	70
93	Interferometric 890 μ m Images of High-Redshift Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2006, 640, L1-L4.	4.5	69
94	HH 212: Submillimeter Array Observations of a Remarkable Protostellar Jet. <i>Astrophysical Journal</i> , 2007, 659, 499-511.	4.5	69
95	15 GHz compact structure in galactic nuclei. <i>Astrophysical Journal</i> , 1990, 362, 434.	4.5	69
96	High-Resolution Imaging of Warm and Dense Molecular Gas in the Nuclear Region of the Luminous Infrared Galaxy NGC 6240. <i>Astrophysical Journal</i> , 2007, 659, 283-295.	4.5	68
97	Large-Scale Structure, Kinematics, and Heating of the Orion Ridge. I. VLA NH ₃ (1, 1) and (2, 2) Multifield Mosaics. <i>Astrophysical Journal</i> , 1998, 502, 676-694.	4.5	68
98	SiO Shocks of the Protostellar Jet HH 212: A Search for Jet Rotation. <i>Astrophysical Journal</i> , 2008, 685, 1026-1032.	4.5	67
99	Detection of Intrinsic Source Structure at $\sim 1/3$ Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018, 859, 60.	4.5	67
100	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
101	CO in the Disk of the Barred Spiral Galaxy M83: CO (1 \rightarrow 0), CO (2 \rightarrow 1), and Neutral Gas. <i>Astronomical Journal</i> , 2002, 123, 1892-1912.	4.7	67
102	Molecular Tracers of the Central 12 Parsecs of the Galactic Center. <i>Astrophysical Journal</i> , 2001, 551, 254-268.	4.5	66
103	Prime Focus Spectrograph (PFS) for the Subaru telescope: overview, recent progress, and future perspectives. <i>Proceedings of SPIE</i> , 2016, , .	0.8	66
104	SiO Emission in a Jetlike Molecular Outflow toward L1157. <i>Astrophysical Journal</i> , 1995, 451, .	4.5	65
105	Highly efficient star formation in NGC 5253 possibly from stream-fed accretion. <i>Nature</i> , 2015, 519, 331-333.	27.8	65
106	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90.	4.5	65
107	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
108	Temperature and density structure of the collapsing core of G10.6-0.4. <i>Astrophysical Journal</i> , 1987, 318, 712.	4.5	65

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109	HIERARCHICAL FRAGMENTATION OF THE ORION MOLECULAR FILAMENTS. <i>Astrophysical Journal</i> , 2013, 763, 57.	4.5	64
110	The Nature of the Molecular Environment within 5 Parsecs of the Galactic Center. <i>Astrophysical Journal</i> , 2005, 620, 287-307.	4.5	63
111	A RING/DISK/OUTFLOW SYSTEM ASSOCIATED WITH W51 NORTH: A VERY MASSIVE STAR IN THE MAKING. <i>Astrophysical Journal</i> , 2009, 698, 1422-1428.	4.5	62
112	Spherical Infall in G10.6-0.4: Accretion through an Ultracompact H ii Region. <i>Astrophysical Journal</i> , 2005, 624, L49-L52.	4.5	61
113	Subarcsecond Submillimeter Continuum Observations of Orion KL. <i>Astrophysical Journal</i> , 2004, 616, L31-L34.	4.5	59
114	Infall and Outflow around the HH 212 Protostellar System. <i>Astrophysical Journal</i> , 2006, 639, 292-302.	4.5	59
115	TRANSITION FROM THE INFALLING ENVELOPE TO THE KEPLERIAN DISK AROUND L1551 IRS 5. <i>Astrophysical Journal</i> , 2014, 796, 70.	4.5	59
116	EVOLUTION OF MAGNETIC FIELDS IN HIGH MASS STAR FORMATION: SUBMILLIMETER ARRAY DUST POLARIZATION IMAGE OF THE ULTRACOMPACT H II REGION G5.89±0.39. <i>Astrophysical Journal</i> , 2009, 695, 1399-1412.	4.5	58
117	Structure in the Neutral Hydrogen Disk of the Spiral Galaxy IC 342. <i>Astronomical Journal</i> , 2000, 119, 1720-1736.	4.7	58
118	IRAS 16293-2422B: A Compact, Possibly Isolated Protoplanetary Disk in a Class 0 Object. <i>Astrophysical Journal</i> , 2005, 621, L133-L136.	4.5	57
119	Subarcsecond VLA Observations of HL Tauri: Imaging the Circumstellar Disk. <i>Astrophysical Journal</i> , 1996, 470, L117-L121.	4.5	57
120	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
121	A molecular gas streamer feeding the Galactic Centre. <i>Nature</i> , 1991, 350, 309-312.	27.8	55
122	FRAGMENTATION AND OB STAR FORMATION IN HIGH-MASS MOLECULAR HUB-FILAMENT SYSTEMS. <i>Astrophysical Journal</i> , 2012, 756, 10.	4.5	55
123	Surviving the hole. <i>Astronomy and Astrophysics</i> , 2012, 539, A29.	5.1	55
124	Ammonia observations of outflow regions. <i>Astrophysical Journal</i> , 1989, 341, 208.	4.5	55
125	THE REFLECTION-SYMMETRIC WIGGLE OF THE YOUNG PROTOSTELLAR JET HH 211. <i>Astrophysical Journal</i> , 2010, 713, 731-737.	4.5	54
126	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54

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127	Possible Infall in the Gas Disk around L1551 IRS 5. <i>Astrophysical Journal</i> , 1996, 466, 957.	4.5	54
128	Discovery of Linear "Building Blocks" of Water Masers Shaping Linear/Arcuate Microstructures in Cepheus A. <i>Astrophysical Journal</i> , 2001, 560, 853-864.	4.5	54
129	Imaging Molecular Gas in the Luminous Merger NGC 3256: Detection of High-Velocity Gas and Twin Gas Peaks in the Double Nucleus. <i>Astrophysical Journal</i> , 2006, 644, 862-878.	4.5	53
130	First detection of equatorial dark dust lane in a protostellar disk at submillimeter wavelength. <i>Science Advances</i> , 2017, 3, e1602935.	10.3	53
131	Disk and Outflow in Cepheus A "HW2: Interferometric SiO and HCO+ Observations. <i>Astrophysical Journal</i> , 1999, 514, 287-295.	4.5	52
132	HIGH-ANGULAR RESOLUTION DUST POLARIZATION MEASUREMENTS: SHAPED B-FIELD LINES IN THE MASSIVE STAR-FORMING REGION ORION BN/KL. <i>Astrophysical Journal</i> , 2010, 717, 1262-1273.	4.5	52
133	PHYSICAL PROPERTIES OF THE CIRCUMNUCLEAR STARBURST RING IN THE BARRED GALAXY NGC 1097. <i>Astrophysical Journal</i> , 2011, 736, 129.	4.5	52
134	MAGNETIC FIELD STRENGTH MAPS FOR MOLECULAR CLOUDS: A NEW METHOD BASED ON A POLARIZATION-INTENSITY GRADIENT RELATION. <i>Astrophysical Journal</i> , 2012, 747, 79.	4.5	52
135	Spiral Arms, Infall, and Misalignment of the Circumbinary Disk from the Circumstellar Disks in the Protostellar Binary System L1551 NE. <i>Astrophysical Journal</i> , 2017, 837, 86.	4.5	52
136	Atomic and molecular observations of the Rho Ophiuchi dark cloud. <i>Astrophysical Journal</i> , 1978, 220, 864.	4.5	52
137	Observations of Water Masers and Radio Continuum Emission in AFGL 2591. <i>Astrophysical Journal</i> , 2003, 589, 386-396.	4.5	51
138	CO J= 2-1 Maps of Bipolar Outflows in Massive Star-forming Regions. <i>Astronomical Journal</i> , 2005, 129, 330-347.	4.7	51
139	Monitoring the Morphology of M87* in 2009-2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
140	Venus I. Carbon monoxide distribution and molecular-line searches. <i>Icarus</i> , 1981, 45, 624-637.	2.5	50
141	Ammonia Maser in a Molecular Outflow toward W51. <i>Astrophysical Journal</i> , 1995, 450, L63-L66.	4.5	50
142	The ALMA Phasing System: A Beamforming Capability for Ultra-high-resolution Science at (Sub)Millimeter Wavelengths. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 015002.	3.1	50
143	Brackett line spectroscopy of bursts of star formation in the nuclei of galaxies. <i>Astrophysical Journal</i> , 1990, 349, 57.	4.5	50
144	Infalling Gas toward the Galactic Center. <i>Astrophysical Journal</i> , 1999, 513, 752-766.	4.5	50

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145	Possible Molecular Spiral Arms in the Protoplanetary Disk of AB Aurigae. <i>Astrophysical Journal</i> , 2006, 645, 1297-1304.	4.5	49
146	UNVEILING THE PHYSICAL PROPERTIES AND KINEMATICS OF MOLECULAR GAS IN THE ANTENNAE GALAXIES (NGC 4038/9) THROUGH HIGH-RESOLUTION CO ($J=3-2$) OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 745, 65.	4.5	49
147	The formation of elephant-trunk globules in the Rosette nebula - CO observations. <i>Astrophysical Journal</i> , 1980, 240, 84.	4.5	49
148	The Binary Jet in L1551 IRS 5. <i>Astrophysical Journal</i> , 2003, 586, L137-L139.	4.5	49
149	JET MOTION, INTERNAL WORKING SURFACES, AND NESTED SHELLS IN THE PROTOSTELLAR SYSTEM HH 212. <i>Astrophysical Journal</i> , 2015, 805, 186.	4.5	48
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