

# Geoffrey Bower

## List of Publications by Year in descending order

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215  
papers

22,406  
citations

9756

73  
h-index

8599

146  
g-index

219  
all docs

219  
docs citations

219  
times ranked

8347  
citing authors

#	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.	3.0	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.	3.0	897
3	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
4	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	3.0	806
5	Event-horizon-scale structure in the supermassive black hole candidate at the Galactic Centre. <i>Nature</i> , 2008, 455, 78-80.	13.7	699
6	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	3.0	618
7	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	13.7	616
8	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.	3.0	568
9	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	3.0	519
10	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	3.0	495
11	A Possible Relativistic Jetted Outburst from a Massive Black Hole Fed by a Tidally Disrupted Star. <i>Science</i> , 2011, 333, 203-206.	6.0	448
12	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	13.7	368
13	A strong magnetic field around the supermassive black hole at the centre of the Galaxy. <i>Nature</i> , 2013, 501, 391-394.	13.7	340
14	The Karl G. Jansky Very Large Array Sky Survey (VLASS). Science Case and Survey Design. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 035001.	1.0	337
15	Jet-Launching Structure Resolved Near the Supermassive Black Hole in M87. <i>Science</i> , 2012, 338, 355-358.	6.0	336
16	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarcsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	3.0	300
17	A repeating fast radio burst source localized to a nearby spiral galaxy. <i>Nature</i> , 2020, 577, 190-194.	13.7	297
18	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	3.0	297

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19	An Extremely Luminous Panchromatic Outburst from the Nucleus of a Distant Galaxy. <i>Science</i> , 2011, 333, 199-202.	6.0	290
20	FRB 121102 Bursts Show Complex Time-Resolved Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	3.0	230
21	Highest Frequency Detection of FRB 121102 at 4-8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	1.6	226
22	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
23	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	3.0	215
24	Interferometric Detection of Linear Polarization from Sagittarius A* at 230 GHz. <i>Astrophysical Journal</i> , 2003, 588, 331-337.	1.6	210
25	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104.	2.9	190
26	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.	3.0	187
27	TADPOL: A 1.3 mm SURVEY OF DUST POLARIZATION IN STAR-FORMING CORES AND REGIONS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 13.	3.0	177
28	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*. <i>Science</i> , 2015, 350, 1242-1245.	6.0	176
29	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal</i> , Supplement Series, 2019, 243, 26.	3.0	175
30	1.3 mm WAVELENGTH VLBI OF SAGITTARIUS A*: DETECTION OF TIME-VARIABLE EMISSION ON EVENT HORIZON SCALES. <i>Astrophysical Journal Letters</i> , 2011, 727, L36.	3.0	169
31	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
32	The flare activity of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2006, 450, 535-555.	2.1	163
33	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	3.0	163
34	Detection of the Intrinsic Size of Sagittarius A* Through Closure Amplitude Imaging. <i>Science</i> , 2004, 304, 704-708.	6.0	162
35	An X-ray, Infrared, and Submillimeter Flare of Sagittarius A*. <i>Astrophysical Journal</i> , 2008, 682, 373-383.	1.6	158
36	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	1.6	148

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37	A CATALOG OF X-RAY POINT SOURCES FROM TWO MEGASECONDS OF <i>CHANDRA</i> OBSERVATIONS OF THE GALACTIC CENTER. <i>Astrophysical Journal, Supplement Series</i> , 2009, 181, 110-128.	3.0	147
38	First simultaneous NIR/X-ray detection of a flare from Sgr A*. <i>Astronomy and Astrophysics</i> , 2004, 427, 1-11.	2.1	147
39	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	3.0	142
40	Flaring Activity of Sagittarius A* at 43 and 22 GHz: Evidence for Expanding Hot Plasma. <i>Astrophysical Journal</i> , 2006, 650, 189-194.	1.6	137
41	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	3.0	137
42	The Intrinsic Size of Sagittarius A* from 0.35 to 6 cm. <i>Astrophysical Journal</i> , 2006, 648, L127-L130.	1.6	133
43	A Parallactic Distance of Sagittarius A* from VLBA Observations. <i>Astrophysical Journal</i> , 2006, 648, L131-L134.	1.6	133
44	MISALIGNMENT OF MAGNETIC FIELDS AND OUTFLOWS IN PROTOSTELLAR CORES. <i>Astrophysical Journal</i> , 2013, 768, 159.	1.6	130
45	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	3.0	130
46	Constraints on black-hole charges with the 2017 EHT observations of M87*. <i>Physical Review D</i> , 2021, 103, .	1.6	126
47	A Multiwavelength Study of Sgr A*: The Role of Near-IR Flares in Production of X-Ray, Soft $\gamma$ -Ray, and Submillimeter Emission. <i>Astrophysical Journal</i> , 2006, 644, 198-213.	1.6	120
48	The Allen Telescope Array: The First Widefield, Panchromatic, Snapshot Radio Camera for Radio Astronomy and SETI. <i>Proceedings of the IEEE</i> , 2009, 97, 1438-1447.	16.4	110
49	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	13.7	110
50	Variability of Sagittarius A*: Flares at 1 Millimeter. <i>Astrophysical Journal</i> , 2003, 586, L29-L32.	1.6	108
51	Bright radio emission from an ultraluminous stellar-mass microquasar in M 31. <i>Nature</i> , 2013, 493, 187-190.	13.7	108
52	A VLBI resolution of the Pleiades distance controversy. <i>Science</i> , 2014, 345, 1029-1032.	6.0	106
53	Submillijansky Transients in Archival Radio Observations. <i>Astrophysical Journal</i> , 2007, 666, 346-360.	1.6	99
54	THE TWO STATES OF Sgr A* IN THE NEAR-INFRARED: BRIGHT EPISODIC FLARES ON TOP OF LOW-LEVEL CONTINUOUS VARIABILITY. <i>Astrophysical Journal</i> , 2011, 728, 37.	1.6	99

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55	RADIO AND MILLIMETER MONITORING OF $\text{Sgr}^{\dagger}$ : SPECTRUM, VARIABILITY, AND CONSTRAINTS ON THE G2 ENCOUNTER. <i>Astrophysical Journal</i> , 2015, 802, 69.	1.6	99
56	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal</i> , 2017, 846, 80.	1.6	99
57	The Spectrum and Variability of Circular Polarization in Sagittarius A* from 1.4 to 15 GHz. <i>Astrophysical Journal</i> , 2002, 571, 843-855.	1.6	98
58	230 GHz VLBI OBSERVATIONS OF M87: EVENT-HORIZON-SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY $\gamma$ RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150.	1.6	98
59	The eclipsing millisecond pulsar PSR 1957 + 20. <i>Astrophysical Journal</i> , 1990, 351, 642.	1.6	96
60	SIMULTANEOUS MULTI-WAVELENGTH OBSERVATIONS OF Sgr A* DURING 2007 APRIL 1-11. <i>Astrophysical Journal</i> , 2009, 706, 348-375.	1.6	94
61	The Commensal Real-Time ASKAP Fast-Transients (CRAFT) Survey. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 272-282.	1.3	93
62	Radio Variability of Sagittarius A* a 106 Day Cycle. <i>Astrophysical Journal</i> , 2001, 547, L29-L32.	1.6	90
63	Results from an Extensive Simultaneous Broadband Campaign on the Underluminous Active Nucleus M81*: Further Evidence for Mass-scaling Accretion in Black Holes. <i>Astrophysical Journal</i> , 2008, 681, 905-924.	1.6	90
64	A Giant Outburst at Millimeter Wavelengths in the Orion Nebula. <i>Astrophysical Journal</i> , 2003, 598, 1140-1150.	1.6	89
65	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	1.3	88
66	Detection of Circular Polarization in the Galactic Center Black Hole Candidate Sagittarius A*. <i>Astrophysical Journal</i> , 1999, 523, L29-L32.	1.6	83
67	How to hide large-scale outflows: size constraints on the jets of Sgr A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1519-1532.	1.6	81
68	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30.	1.6	81
69	Small-scale structure and position of Sagittarius A(*) from VLBI at 3 millimeter wavelength. <i>Astrophysical Journal</i> , 1994, 434, L59.	1.6	81
70	COPSS II: THE MOLECULAR GAS CONTENT OF TEN MILLION CUBIC MEGAPARSECS AT REDSHIFT $z \approx 1/4$ . <i>Astrophysical Journal</i> , 2016, 830, 34.	1.6	79
71	Variable Linear Polarization from Sagittarius A*: Evidence of a Hot Turbulent Accretion Flow. <i>Astrophysical Journal</i> , 2005, 618, L29-L32.	1.6	76
72	PULSE BROADENING MEASUREMENTS FROM THE GALACTIC CENTER PULSAR J1745-2900. <i>Astrophysical Journal Letters</i> , 2014, 780, L3.	3.0	75

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73	Structure of Sagittarius A* at 86 GHz [CLC]z[[CLC] using VLBI Closure Quantities. <i>Astronomical Journal</i> , 2001, 121, 2610-2617.	1.9	73
74	The Rotation Measure and 3.5 Millimeter Polarization of Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 646, L111-L114.	1.6	73
75	A REVISED VIEW OF THE TRANSIENT RADIO SKY. <i>Astrophysical Journal</i> , 2012, 747, 70.	1.6	73
76	THE ANGULAR BROADENING OF THE GALACTIC CENTER PULSAR SGR J1745-29: A NEW CONSTRAINT ON THE SCATTERING MEDIUM. <i>Astrophysical Journal Letters</i> , 2014, 780, L2.	3.0	72
77	An 8Åh characteristic time-scale in submillimetre light curves of Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2797-2808.	1.6	72
78	Constraints on long-lived remnants of neutron star binary mergers from late-time radio observations of short duration gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1821-1827.	1.6	71
79	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , 2018, 865, 104.	1.6	67
80	Detection of Intrinsic Source Structure at $\sim \frac{1}{3}$ Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018, 859, 60.	1.6	67
81	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
82	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90.	1.6	65
83	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65
84	The Variability of Sagittarius A* at Centimeter Wavelengths. <i>Astronomical Journal</i> , 2004, 127, 3399-3410.	1.9	63
85	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020, 899, 161.	1.6	62
86	LATE-TIME RADIO EMISSION FROM X-RAY-SELECTED TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2013, 763, 84.	1.6	61
87	A MULTIWAVELENGTH STUDY OF THE RELATIVISTIC TIDAL DISRUPTION CANDIDATE SWIFT J2058.4+0516 AT LATE TIMES. <i>Astrophysical Journal</i> , 2015, 805, 68.	1.6	61
88	The Linear Polarization of Sagittarius A*. I. VLA Spectropolarimetry at 4.8 and 8.4 GHz. <i>Astrophysical Journal</i> , 1999, 521, 582-586.	1.6	60
89	Was Fritz Zwicky's "Type V" SN 1961V a Genuine Supernova?. <i>Astronomical Journal</i> , 1995, 110, 2261.	1.9	58
90	ALMA Polarimetry of Sgr A*: Probing the Accretion Flow from the Event Horizon to the Bondi Radius. <i>Astrophysical Journal</i> , 2018, 868, 101.	1.6	57

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91	THE PROPER MOTION OF THE GALACTIC CENTER PULSAR RELATIVE TO SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2015, 798, 120.	1.6	56
92	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	3.0	56
93	A MILLISECOND INTERFEROMETRIC SEARCH FOR FAST RADIO BURSTS WITH THE VERY LARGE ARRAY. <i>Astrophysical Journal</i> , 2015, 807, 16.	1.6	54
94	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	2.1	54
95	Jet-lag in Sagittarius A*: what size and timing measurements tell us about the central black hole in the Milky Way. <i>Astronomy and Astrophysics</i> , 2009, 496, 77-83.	2.1	53
96	RADIO INTERFEROMETRIC PLANET SEARCH. I. FIRST CONSTRAINTS ON PLANETARY COMPANIONS FOR NEARBY, LOW-MASS STARS FROM RADIO ASTROMETRY. <i>Astrophysical Journal</i> , 2009, 701, 1922-1939.	1.6	53
97	The Nonhomogeneous Poisson Process for Fast Radio Burst Rates. <i>Astronomical Journal</i> , 2017, 154, 117.	1.9	51
98	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	1.6	51
99	THE ALLEN TELESCOPE ARRAY TWENTY-CENTIMETER SURVEY A 690 DEG <sup>2</sup> , 12 EPOCH RADIO DATA SET. I. CATALOG AND LONG-DURATION TRANSIENT STATISTICS. <i>Astrophysical Journal</i> , 2010, 719, 45-58.	1.6	50
100	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2014, 790, 1.	1.6	50
101	ALMA and VLA measurements of frequency-dependent time lags in Sagittarius A*: evidence for a relativistic outflow. <i>Astronomy and Astrophysics</i> , 2015, 576, A41.	2.1	50
102	Large Magneto-ionic Variations toward the Galactic Center Magnetar, PSR J1745-2900. <i>Astrophysical Journal Letters</i> , 2018, 852, L12.	3.0	50
103	The Galactic Faraday rotation sky 2020. <i>Astronomy and Astrophysics</i> , 2022, 657, A43.	2.1	49
104	Modeling the Counts of Faint Radio-Loud Quasars: Constraints on the Supermassive Black Hole Population and Predictions for High Redshift. <i>Astrophysical Journal</i> , 2004, 612, 698-705.	1.6	47
105	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	1.6	47
106	Modeling mm- to X-ray flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2009, 500, 935-946.	2.1	47
107	7 Millimeter VLBA Observations of Sagittarius A*. <i>Astrophysical Journal</i> , 1998, 496, L97-L100.	1.6	46
108	Real-time, Commensal Fast Transient Surveys with the Very Large Array. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 8.	3.0	46

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109	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	1.6	44
110	The Linear Polarization of Sagittarius A*. II. VLA and BIMA Polarimetry at 22, 43, and 86 GHz. <i>Astrophysical Journal</i> , 1999, 527, 851-855.	1.6	43
111	EVALUATING THE CALORIMETER MODEL WITH BROADBAND, CONTINUOUS SPECTRA OF STARBURST GALAXIES OBSERVED WITH THE ALLEN TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2010, 710, 1462-1479.	1.6	43
112	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	1.6	43
113	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	3.0	43
114	THE ALLEN TELESCOPE ARRAY FLY'S EYE SURVEY FOR FAST RADIO TRANSIENTS. <i>Astrophysical Journal</i> , 2012, 744, 109.	1.6	42
115	How Do Stars Gain Their Mass? A JCMT/SCUBA-2 Transient Survey of Protostars in Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2017, 849, 43.	1.6	42
116	A Dramatic Millimeter Wavelength Flare in the Gamma-ray Blazar NRAO 530. <i>Astrophysical Journal</i> , 1997, 484, 118-130.	1.6	41
117	The extreme flare in III Zw 2. <i>Astronomy and Astrophysics</i> , 2005, 435, 497-506.	2.1	40
118	PROBING THE PARSEC-SCALE ACCRETION FLOW OF 3C 84 WITH MILLIMETER WAVELENGTH POLARIMETRY. <i>Astrophysical Journal</i> , 2014, 797, 66.	1.6	40
119	ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019, 881, L2.	3.0	40
120	Detection of Circular Polarization in M81*. <i>Astrophysical Journal</i> , 2001, 560, L123-L126.	1.6	40
121	An Intensity Mapping Detection of Aggregate CO Line Emission at 3 mm. <i>Astrophysical Journal</i> , 2020, 901, 141.	1.6	39
122	The JCMT Transient Survey: Stochastic and Secular Variability of Protostars and Disks In the Submillimeter Region Observed over 18 Months. <i>Astrophysical Journal</i> , 2018, 854, 31.	1.6	38
123	A Radio Transient 0.1 Parsecs from Sagittarius A*. <i>Astrophysical Journal</i> , 2005, 633, 218-227.	1.6	37
124	VARIABLE RADIO EMISSION FROM THE YOUNG STELLAR HOST OF A HOT JUPITER. <i>Astrophysical Journal</i> , 2016, 830, 107.	1.6	37
125	Isolated, Massive Supergiants near the Galactic Center. <i>Astrophysical Journal</i> , 2006, 638, 183-190.	1.6	36
126	A SEARCH FOR RADIO TRANSIENTS IN VERY LARGE ARRAY ARCHIVAL IMAGES OF THE 3C 286 FIELD. <i>Astrophysical Journal Letters</i> , 2011, 728, L14.	3.0	36



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127	FIRST RESULTS FROM COPSS: THE CO POWER SPECTRUM SURVEY. <i>Astrophysical Journal</i> , 2015, 814, 140.	1.6	36
128	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019, 886, 96.	1.6	36
129	BIMA Observations of Linear Polarization in Sagittarius A* at 112 GHz. <i>Astrophysical Journal</i> , 2001, 555, L103-L106.	1.6	34
130	THE ALLEN TELESCOPE ARRAY TWENTY-CENTIMETER SURVEY: A 700-SQUARE-DEGREE, MULTI-EPOCH RADIO DATA SET. II. INDIVIDUAL EPOCH TRANSIENT STATISTICS. <i>Astrophysical Journal</i> , 2011, 731, 34.	1.6	34
131	Detection of Bursts from FRB 121102 with the Effelsberg 100 m Radio Telescope at 5 GHz and the Role of Scintillation. <i>Astrophysical Journal</i> , 2018, 863, 150.	1.6	34
132	A Radio Outburst Nearly Coincident with the Large X-Ray Flare from Sagittarius A* on 2002 October 3. <i>Astrophysical Journal</i> , 2004, 603, L85-L88.	1.6	33
133	Understanding the Radio Variability of Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 641, 302-318.	1.6	32
134	RADIO INTERFEROMETRIC PLANET SEARCH. II. CONSTRAINTS ON SUB-JUPITER-MASS COMPANIONS TO GJ 896A. <i>Astrophysical Journal</i> , 2011, 740, 32.	1.6	30
135	SPECTROPOLARIMETRY WITH THE ALLEN TELESCOPE ARRAY: FARADAY ROTATION TOWARD BRIGHT POLARIZED RADIO GALAXIES. <i>Astrophysical Journal</i> , 2011, 728, 57.	1.6	30
136	FINE-SCALE STRUCTURE OF THE QUASAR 3C 279 MEASURED WITH 1.3 mm VERY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal</i> , 2013, 772, 13.	1.6	30
137	A Major Radio Outburst in III Zw 2 with an Extremely Inverted, Millimeter-peaked Spectrum. <i>Astrophysical Journal</i> , 1999, 514, L17-L20.	1.6	30
138	Discovery of a bright radio transient in M82: a new radio supernova?. <i>Astronomy and Astrophysics</i> , 2009, 499, L17-L20.	2.1	29
139	The possibility of detecting Sagittarius A* at 8.6 $\mu\text{m}$ from sensitive imaging of the Galactic center. <i>Astronomy and Astrophysics</i> , 2007, 462, L1-L4.	2.1	28
140	THE ALLEN TELESCOPE ARRAY Pi GHz SKY SURVEY. I. SURVEY DESCRIPTION AND STATIC CATALOG RESULTS FOR THE BOOTES FIELD. <i>Astrophysical Journal</i> , 2010, 725, 1792-1804.	1.6	28
141	A Search for Late-time Radio Emission and Fast Radio Bursts from Superluminous Supernovae. <i>Astrophysical Journal</i> , 2019, 886, 24.	1.6	28
142	Molecular fraction limits in damped Lyman $\alpha$ absorption systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 563-570.	1.6	27
143	VLBI observations of SN 2008iz. <i>Astronomy and Astrophysics</i> , 2010, 516, A27.	2.1	27
144	The JCMT Transient Survey: Data Reduction and Calibration Methods. <i>Astrophysical Journal</i> , 2017, 843, 55.	1.6	27

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145	VLBA Observations of Astrometric Reference Sources in the Galactic Center. <i>Astrophysical Journal</i> , 2001, 558, 127-132.	1.6	26
146	Space VLBI Observations Show [ITAL]T[/ITAL][TINF][ITAL]b[/ITAL][[/TINF] ] 10[TSUP]12[/TSUP] K in the Quasar NRAO 530. <i>Astrophysical Journal</i> , 1998, 507, L117-L120.	1.6	25
147	Locating the intense interstellar scattering towards the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3563-3576.	1.6	24
148	CONSTRAINING THE RATE OF RELATIVISTIC JETS FROM TIDAL DISRUPTIONS USING RADIO SURVEYS. <i>Astrophysical Journal Letters</i> , 2011, 732, L12.	3.0	23
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