

Geoffrey Bower

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214
papers

14,722
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65
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117
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219
ext. papers

18,391
ext. citations

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avg, IF

5.71
L-index

#	Paper	IF	Citations
214	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L1	7.9	1110
213	Event-horizon-scale structure in the supermassive black hole candidate at the Galactic Centre. <i>Nature</i> , 2008 , 455, 78-80	50.4	581
212	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L6	7.9	466
211	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017 , 541, 58-61	50.4	462
210	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019 , 875, L5	7.9	429
209	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L4	7.9	411
208	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017 , 834, L7	7.9	398
207	A possible relativistic jetted outburst from a massive black hole fed by a tidally disrupted star. <i>Science</i> , 2011 , 333, 203-6	33.3	380
206	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019 , 875, L2	7.9	325
205	Jet-launching structure resolved near the supermassive black hole in M87. <i>Science</i> , 2012 , 338, 355-8	33.3	304
204	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019 , 875, L3	7.9	267
203	A strong magnetic field around the supermassive black hole at the centre of the Galaxy. <i>Nature</i> , 2013 , 501, 391-4	50.4	261
202	An extremely luminous panchromatic outburst from the nucleus of a distant galaxy. <i>Science</i> , 2011 , 333, 199-202	33.3	254
201	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018 , 553, 182-185	50.4	252
200	The Repeating Fast Radio Burst FRB 121102 as Seen on Millisecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017 , 834, L8	7.9	238
199	Interferometric Detection of Linear Polarization from Sagittarius A* at 230 GHz. <i>Astrophysical Journal</i> , 2003 , 588, 331-337	4.7	194
198	A repeating fast radio burst source localized to a nearby spiral galaxy. <i>Nature</i> , 2020 , 577, 190-194	50.4	192

197	Highest Frequency Detection of FRB 121102 at 48 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018 , 863, 2	4.7	163
196	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	7.9	162
195	FRB 121102 Bursts Show Complex Time-Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019 , 876, L23	7.9	158
194	TADPOL: A 1.3 mm SURVEY OF DUST POLARIZATION IN STAR-FORMING CORES AND REGIONS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 213, 13	8	158
193	The flare activity of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2006 , 450, 535-555	5.1	157
192	Detection of the intrinsic size of Sagittarius A* through closure amplitude imaging. <i>Science</i> , 2004 , 304, 704-8	33.3	156
191	An X-Ray, Infrared, and Submillimeter Flare of Sagittarius A*. <i>Astrophysical Journal</i> , 2008 , 682, 373-383	4.7	148
190	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A. <i>Science</i> , 2015 , 350, 1242-5	33.3	144
189	First simultaneous NIR/X-ray detection of a flare from Sgr A*. <i>Astronomy and Astrophysics</i> , 2004 , 427, 1-11	5.1	143
188	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. <i>Science</i> , 2010 , 329, 817-21	33.3	138
187	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	5	137
186	A CATALOG OF X-RAY POINT SOURCES FROM TWO MEGASECONDS OF CHANDRA OBSERVATIONS OF THE GALACTIC CENTER. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 181, 110-128	8	135
185	A Parallactic Distance of documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} newcommandcyr{	4.7	131
184	Flaring Activity of Sagittarius A* at 43 and 22 GHz: Evidence for Expanding Hot Plasma. <i>Astrophysical Journal</i> , 2006 , 650, 189-194	4.7	126
183	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017 , 850, 76	4.7	125
182	The Intrinsic Size of Sagittarius A* from 0.35 to 6 cm. <i>Astrophysical Journal</i> , 2006 , 648, L127-L130	4.7	122
181	MISALIGNMENT OF MAGNETIC FIELDS AND OUTFLOWS IN PROTOSTELLAR CORES. <i>Astrophysical Journal</i> , 2013 , 768, 159	4.7	116
180	A Multiwavelength Study of Sgr A*: The Role of Near-IR Flares in Production of X-Ray, Soft E-Ray, and Submillimeter Emission. <i>Astrophysical Journal</i> , 2006 , 644, 198-213	4.7	113

179	Variability of Sagittarius A*: Flares at 1 Millimeter. <i>Astrophysical Journal</i> , 2003 , 586, L29-L32	4.7	101
178	A VLBI resolution of the Pleiades distance controversy. <i>Science</i> , 2014 , 345, 1029-32	33.3	98
177	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017 , 843, L8	7.9	98
176	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 26	8	96
175	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	14.3	94
174	The Spectrum and Variability of Circular Polarization in Sagittarius A* from 1.4 to 15 GHz. <i>Astrophysical Journal</i> , 2002 , 571, 843-855	4.7	94
173	Bright radio emission from an ultraluminous stellar-mass microquasar in M 31. <i>Nature</i> , 2013 , 493, 187-90	50.4	93
172	RADIO AND MILLIMETER MONITORING OF $\text{Sgr}^* \text{A}$: SPECTRUM, VARIABILITY, AND CONSTRAINTS ON THE G2 ENCOUNTER. <i>Astrophysical Journal</i> , 2015 , 802, 69	4.7	90
171	Submillijansky Transients in Archival Radio Observations. <i>Astrophysical Journal</i> , 2007 , 666, 346-360	4.7	89
170	The eclipsing millisecond pulsar PSR 1957 + 20. <i>Astrophysical Journal</i> , 1990 , 351, 642	4.7	89
169	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	4.7	87
168	SIMULTANEOUS MULTI-WAVELENGTH OBSERVATIONS OF Sgr A* DURING 2007 APRIL 1-11. <i>Astrophysical Journal</i> , 2009 , 706, 348-375	4.7	86
167	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	4.7	85
166	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal</i> , 2017 , 846, 80	4.7	80
165	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	4.7	79
164	Small-scale structure and position of Sagittarius A(*) from VLBI at 3 millimeter wavelength. <i>Astrophysical Journal</i> , 1994 , 434, L59	4.7	78
163	Radio Variability of Sagittarius A* 106 Day Cycle. <i>Astrophysical Journal</i> , 2001 , 547, L29-L32	4.7	76
162	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	4.3	74

161	A Giant Outburst at Millimeter Wavelengths in the Orion Nebula. <i>Astrophysical Journal</i> , 2003 , 598, 1140-1150	4.7	74
160	Detection of Circular Polarization in the Galactic Center Black Hole Candidate Sagittarius A*. <i>Astrophysical Journal</i> , 1999 , 523, L29-L32	4.7	74
159	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020 , 125, 141104	7.4	74
158	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013 , 30,	5.5	73
157	Variable Linear Polarization from Sagittarius A*: Evidence of a Hot Turbulent Accretion Flow. <i>Astrophysical Journal</i> , 2005 , 618, L29-L32	4.7	73
156	The Rotation Measure and 3.5 Millimeter Polarization of Sagittarius A*. <i>Astrophysical Journal</i> , 2006 , 646, L111-L114	4.7	70
155	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021 , 910, L13	7.9	70
154	A REVISED VIEW OF THE TRANSIENT RADIO SKY. <i>Astrophysical Journal</i> , 2012 , 747, 70	4.7	69
153	The Commensal Real-Time ASKAP Fast-Transients (CRAFT) Survey. <i>Publications of the Astronomical Society of Australia</i> , 2010 , 27, 272-282	5.5	68
152	PULSE BROADENING MEASUREMENTS FROM THE GALACTIC CENTER PULSAR J1745-2900. <i>Astrophysical Journal Letters</i> , 2014 , 780, L3	7.9	67
151	Structure of Sagittarius A* at 86 GHz using VLBI Closure Quantities. <i>Astronomical Journal</i> , 2001 , 121, 2610-2617	4.9	67
150	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	7.9	65
149	The Variability of Sagittarius A* at Centimeter Wavelengths. <i>Astronomical Journal</i> , 2004 , 127, 3399-3410	4.9	63
148	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016 , 820, 90	4.7	62
147	An 8 h characteristic time-scale in submillimetre light curves of Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 2797-2808	4.3	61
146	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019 , 871, 30	4.7	60
145	The Linear Polarization of Sagittarius A*. I. VLA Spectropolarimetry at 4.8 and 8.4 GHz. <i>Astrophysical Journal</i> , 1999 , 521, 582-586	4.7	59
144	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021 , 910, L12	7.9	58

143	Was Fritz Zwicky's "Type V" SN 1961V a Genuine Supernova?. <i>Astronomical Journal</i> , 1995 , 110, 2261	4.9	56
142	Detection of Intrinsic Source Structure at ~ 3 Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018 , 859, 60	4.7	55
141	COPSS II: THE MOLECULAR GAS CONTENT OF TEN MILLION CUBIC MEGAPARSECS AT REDSHIFT $z \sim 3$. <i>Astrophysical Journal</i> , 2016 , 830, 34	4.7	54
140	LATE-TIME RADIO EMISSION FROM X-RAY-SELECTED TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2013 , 763, 84	4.7	53
139	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	4.3	51
138	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	5.1	51
137	A MILLISECOND INTERFEROMETRIC SEARCH FOR FAST RADIO BURSTS WITH THE VERY LARGE ARRAY. <i>Astrophysical Journal</i> , 2015 , 807, 16	4.7	50
136	THE PROPER MOTION OF THE GALACTIC CENTER PULSAR RELATIVE TO SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2015 , 798, 120	4.7	48
135	THE ALLEN TELESCOPE ARRAY TWENTY-CENTIMETER SURVEY: A 690 DEG ² , 12 EPOCH RADIO DATA SET. I. CATALOG AND LONG-DURATION TRANSIENT STATISTICS. <i>Astrophysical Journal</i> , 2010 , 719, 45-58	4.7	48
134	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2014 , 790, 1	4.7	45
133	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , 2018 , 865, 104	4.7	45
132	7 Millimeter VLBA Observations of Sagittarius A*. <i>Astrophysical Journal</i> , 1998 , 496, L97-L100	4.7	44
131	Modeling mm- to X-ray flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2009 , 500, 935-946	4.6	44
130	The Nonhomogeneous Poisson Process for Fast Radio Burst Rates. <i>Astronomical Journal</i> , 2017 , 154, 117	4.9	43
129	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	5.1	43
128	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	4.7	43
127	A MULTIWAVELENGTH STUDY OF THE RELATIVISTIC TIDAL DISRUPTION CANDIDATE SWIFT J2058.4+0516 AT LATE TIMES. <i>Astrophysical Journal</i> , 2015 , 805, 68	4.7	42
126	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	4.7	42

125	A Dramatic Millimeter Wavelength Flare in the Gamma-Ray Blazar NRAO 530. <i>Astrophysical Journal</i> , 1997 , 484, 118-130	4-7	41
124	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	4-7	41
123	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	4-7	40
122	ALMA Polarimetry of Sgr A*: Probing the Accretion Flow from the Event Horizon to the Bondi Radius. <i>Astrophysical Journal</i> , 2018 , 868, 101	4-7	40
121	Detection of Circular Polarization in M81*. <i>Astrophysical Journal</i> , 2001 , 560, L123-L126	4-7	38
120	THE ALLEN TELESCOPE ARRAY FLYBY SURVEY FOR FAST RADIO TRANSIENTS. <i>Astrophysical Journal</i> , 2012 , 744, 109	4-7	37
119	A Radio Transient 0.1 Parsecs from Sagittarius A*. <i>Astrophysical Journal</i> , 2005 , 633, 218-227	4-7	36
118	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	4-7	34
117	The extreme flare in III Zw 2:. <i>Astronomy and Astrophysics</i> , 2005 , 435, 497-506	5-1	34
116	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020 , 899, 161	4-7	34
115	Large Magneto-ionic Variations toward the Galactic Center Magnetar, PSR J1745-2900. <i>Astrophysical Journal Letters</i> , 2018 , 852, L12	7-9	33
114	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	4-7	33
113	PROBING THE PARSEC-SCALE ACCRETION FLOW OF 3C 84 WITH MILLIMETER WAVELENGTH POLARIMETRY. <i>Astrophysical Journal</i> , 2014 , 797, 66	4-7	32
112	VARIABLE RADIO EMISSION FROM THE YOUNG STELLAR HOST OF A HOT JUPITER. <i>Astrophysical Journal</i> , 2016 , 830, 107	4-7	31
111	Isolated, Massive Supergiants near the Galactic Center. <i>Astrophysical Journal</i> , 2006 , 638, 183-190	4-7	31
110	BIMA Observations of Linear Polarization in Sagittarius A* at 112 GHz [CLC]z/[CLC]. <i>Astrophysical Journal</i> , 2001 , 555, L103-L106	4-7	31
109	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	4-7	30
108	A SEARCH FOR RADIO TRANSIENTS IN VERY LARGE ARRAY ARCHIVAL IMAGES OF THE 3C 286 FIELD. <i>Astrophysical Journal Letters</i> , 2011 , 728, L14	7-9	30

107	Understanding the Radio Variability of Sagittarius A*. <i>Astrophysical Journal</i> , 2006 , 641, 302-318	4.7	30
106	realfast: Real-time, Commensal Fast Transient Surveys with the Very Large Array. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 236, 8	8	30
105	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	4.7	29
104	FIRST RESULTS FROM COPSS: THE CO POWER SPECTRUM SURVEY. <i>Astrophysical Journal</i> , 2015 , 814, 140	4.7	28
103	FINE-SCALE STRUCTURE OF THE QUASAR 3C 279 MEASURED WITH 1.3 mm VERY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal</i> , 2013 , 772, 13	4.7	28
102	A Major Radio Outburst in III Z[CLC]w[/CLC] 2 with an Extremely Inverted, Millimeter-peaked Spectrum. <i>Astrophysical Journal</i> , 1999 , 514, L17-L20	4.7	28
101	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021 , 910, L14	7.9	28
100	SPECTROPOLARIMETRY WITH THE ALLEN TELESCOPE ARRAY: FARADAY ROTATION TOWARD BRIGHT POLARIZED RADIO GALAXIES. <i>Astrophysical Journal</i> , 2011 , 728, 57	4.7	27
99	VLBI observations of SN 2008iz. <i>Astronomy and Astrophysics</i> , 2010 , 516, A27	5.1	27
98	ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019 , 881, L2	7.9	26
97	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	4.7	26
96	Molecular fraction limits in damped Lyman α absorption systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 352, 563-570	4.3	26
95	Discovery of a bright radio transient in M 82: a new radio supernova?. <i>Astronomy and Astrophysics</i> , 2009 , 499, L17-L20	5.1	26
94	The possibility of detecting Sagittarius A* at 8.6 μm from sensitive imaging of the Galactic center. <i>Astronomy and Astrophysics</i> , 2007 , 462, L1-L4	5.1	25
93	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 897, 139	4.7	24
92	VLBA Observations of Astrometric Reference Sources in the Galactic Center. <i>Astrophysical Journal</i> , 2001 , 558, 127-132	4.7	24
91	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	4.7	24
90	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	4.7	23

89	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	7.9	23
88	CONSTRAINING THE RATE OF RELATIVISTIC JETS FROM TIDAL DISRUPTIONS USING RADIO SURVEYS. <i>Astrophysical Journal Letters</i> , 2011 , 732, L12	7.9	22
87	Chandra Spectral and Timing Analysis of Sgr A*’s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019 , 886, 96	4.7	22
86	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	21
85	Locating the intense interstellar scattering towards the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 3563-3576	4.3	21
84	RADIO INTERFEROMETRIC PLANET SEARCH. II. CONSTRAINTS ON SUB-JUPITER-MASS COMPANIONS TO GJ 896A. <i>Astrophysical Journal</i> , 2011 , 740, 32	4.7	21
83	A Search for Late-time Radio Emission and Fast Radio Bursts from Superluminous Supernovae. <i>Astrophysical Journal</i> , 2019 , 886, 24	4.7	21
82	The JCMT Transient Survey: Data Reduction and Calibration Methods. <i>Astrophysical Journal</i> , 2017 , 843, 55	4.7	20
81	Detection of 21 Centimeter H i Absorption at $z = 0.78$ in a Survey of Radio Continuum Sources. <i>Astrophysical Journal</i> , 2004 , 613, L101-L104	4.7	20
80	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 901, 67	4.7	20
79	Asymmetric structure in Sgr A* at 3 mm from closure phase measurements with VLBA, GBT and LMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1382-1392	4.3	20
78	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022 , 930, L14	7.9	20
77	A Radio Survey for Linear and Circular Polarization in Low-Luminosity Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2002 , 578, L103-L106	4.7	19
76	ASGARD: A LARGE SURVEY FOR SLOW GALACTIC RADIO TRANSIENTS. I. OVERVIEW AND FIRST RESULTS. <i>Astrophysical Journal</i> , 2013 , 762, 85	4.7	18
75	THE ALLEN TELESCOPE ARRAY Pi GHz SKY SURVEY. III. THE ELAIS-N1, COMA, AND LOCKMAN HOLE FIELDS. <i>Astrophysical Journal</i> , 2013 , 762, 93	4.7	18
74	THE ALLEN TELESCOPE ARRAY Pi GHz SKY SURVEY II. DAILY AND MONTHLY MONITORING FOR TRANSIENTS AND VARIABILITY IN THE BOOTES FIELD. <i>Astrophysical Journal</i> , 2011 , 739, 76	4.7	18
73	. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2004-2021	4.9	18
72	ALL TRANSIENTS, ALL THE TIME: REAL-TIME RADIO TRANSIENT DETECTION WITH INTERFEROMETRIC CLOSURE QUANTITIES. <i>Astrophysical Journal</i> , 2012 , 749, 143	4.7	18

71	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020 , 897, 148	4.7	18
70	Constraints on black-hole charges with the 2017 EHT observations of M87*. <i>Physical Review D</i> , 2021 , 103,	4.9	18
69	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	7.9	18
68	MILLISECOND IMAGING OF RADIO TRANSIENTS WITH THE POCKET CORRELATOR. <i>Astrophysical Journal</i> , 2011 , 742, 12	4.7	17
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