

# Motoki Kino

## List of Publications by Citations

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127  
papers

6,010  
citations

34  
h-index

75  
g-index

129  
ext. papers

8,768  
ext. citations

5.5  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
127	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L1	7.9	1110
126	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L6	7.9	466
125	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L5	7.9	429
124	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L4	7.9	411
123	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L2	7.9	325
122	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L3	7.9	267
121	An origin of the radio jet in M87 at the location of the central black hole. <i>Nature</i> , <b>2011</b> , 477, 185-7	50.4	190
120	HIGH-SENSITIVITY 86 GHz (3.5 mm) VLBI OBSERVATIONS OF M87: DEEP IMAGING OF THE JET BASE AT A RESOLUTION OF 10 SCHWARZSCHILD RADII. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 131	4.7	107
119	THE INNERMOST COLLIMATION STRUCTURE OF THE M87 JET DOWN TO ~10 SCHWARZSCHILD RADII. <i>Astrophysical Journal</i> , <b>2013</b> , 775, 70	4.7	99
118	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 243, 26	8	96
117	Energetics of TeV Blazars and Physical Constraints on Their Emission Regions. <i>Astrophysical Journal</i> , <b>2002</b> , 564, 97-107	4.7	93
116	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> , <b>2015</b> , 807, 150	4.7	85
115	LIMB-BRIGHTENED JET OF 3C 84 REVEALED BY THE 43 GHz VERY-LONG-BASELINE-ARRAY OBSERVATION. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 53	4.7	76
114	A wide and collimated radio jet in 3C84 on the scale of a few hundred gravitational radii. <i>Nature Astronomy</i> , <b>2018</b> , 2, 472-477	12.1	70
113	KILOPARSEC-SCALE RADIO STRUCTURES IN NARROW-LINE SEYFERT 1 GALAXIES. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 41	4.7	70
112	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 910, L13	7.9	70
111	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 727-737	4.7	66

110	Parabolic Jets from the Spinning Black Hole in M87. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 146	4.7	62
109	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 30	4.7	60
108	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 910, L12	7.9	58
107	VLBI Monitoring of 3C 84 (NGC 1275) in Early Phase of the 2005 Outburst. <i>Publication of the Astronomical Society of Japan</i> , <b>2010</b> , 62, L11-L15	3.2	55
106	A STRONG RADIO BRIGHTENING AT THE JET BASE OF M 87 DURING THE ELEVATED VERY HIGH ENERGY GAMMA-RAY STATE IN 2012. <i>Astrophysical Journal</i> , <b>2014</b> , 788, 165	4.7	48
105	Radio and $\gamma$ Follow-up of the exceptionally high-activity state of PKS 1510089 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 2418-2429	4.3	48
104	Nonthermal Emission Associated with Strong AGN Outbursts at the Centers of Galaxy Clusters. <i>Astrophysical Journal</i> , <b>2007</b> , 663, L61-L64	4.7	48
103	MAGNETIZATION DEGREE AT THE JET BASE OF M87 DERIVED FROM THE EVENT HORIZON TELESCOPE DATA: TESTING THE MAGNETICALLY DRIVEN JET PARADIGM. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 30	4.7	46
102	Constraints on the energetics and plasma composition of relativistic jets in FR II sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2004</b> , 349, 336-346	4.3	46
101	The kinematic of HST-1 in the jet of M 87. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, L10	5.1	45
100	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , <b>2018</b> , 865, 104	4.7	45
99	Pilot KaVA monitoring on the M87 jet: Confirming the inner jet structure and superluminal motions at sub-pc scales. <i>Publication of the Astronomical Society of Japan</i> , <b>2017</b> , 69,	3.2	44
98	EXPLORING THE CENTRAL SUB-PARSEC REGION OF THE $\gamma$ BRIGHT RADIO GALAXY 3C 84 WITH VLBA AT 43 GHz IN THE PERIOD OF 2002-2008. <i>Astrophysical Journal</i> , <b>2012</b> , 746, 140	4.7	44
97	Radio-to- $\gamma$ monitoring of the narrow-line Seyfert 1 galaxy PMN J09483+0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 548, A106	5.1	38
96	Faraday Rotation in the Jet of M87 inside the Bondi Radius: Indication of Winds from Hot Accretion Flows Confining the Relativistic Jet. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 257	4.7	35
95	VLBA monitoring of Mrk 421 at 15 GHz and 24 GHz during 2011. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 545, A117	5.1	34
94	VLBI OBSERVATIONS OF THE JET IN M 87 DURING THE VERY HIGH ENERGY $\gamma$ FLARE IN 2010 APRIL. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 52	4.7	34
93	Estimate of the total kinetic power and age of an extragalactic jet by its cocoon dynamics: the case of Cygnus A. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2005</b> , 364, 659-664	4.3	34

92	VLBI observations of bright AGN jets with the KVN and VERA Array (KaVA): Evaluation of imaging capability. <i>Publication of the Astronomical Society of Japan</i> , <b>2014</b> , 66, 103	3.2	32
91	Chandradiscovery of an X-ray jet and lobes in 3C 15. <i>Astronomy and Astrophysics</i> , <b>2003</b> , 410, 833-845	5.1	32
90	Global e-VLBI observations of the gamma-ray narrow line Seyfert 1 PMN J0948+0022. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 528, L11	5.1	30
89	The Fate of Young Radio Galaxies: Decelerations Inside Host Galaxies?. <i>Astrophysical Journal</i> , <b>2008</b> , 687, 141-155	4.7	30
88	The Estimate of Kinetic Power of Jets in FR II Radio Galaxies: Existence of Invisible Components?. <i>Astrophysical Journal</i> , <b>2008</b> , 685, 828-838	4.7	29
87	The ALMA Discovery of the Rotating Disk and Fast Outflow of Cold Molecular Gas in NGC 1275. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 193	4.7	29
86	Kinematics of the M87 Jet in the Collimation Zone: Gradual Acceleration and Velocity Stratification. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 147	4.7	29
85	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 910, L14	7.9	28
84	ON THE ORIGIN OF FANAROFF-RILEY CLASSIFICATION OF RADIO GALAXIES: DECELERATION OF SUPERSONIC RADIO LOBES. <i>Astrophysical Journal</i> , <b>2009</b> , 697, L173-L176	4.7	26
83	VLBI and single-dish monitoring of 3C 84 for the period 2009-2011. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2012</b> , 423, L122-L126	4.3	25
82	RELATIVISTIC ELECTRONS AND MAGNETIC FIELDS OF THE M87 JET ON THE ~10 SCHWARZSCHILD RADII SCALE. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 5	4.7	25
81	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 139	4.7	24
80	KVN observations reveal multiple $\gamma$ -ray emission regions in 3C 84?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 368-378	4.3	23
79	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> , <b>2022</b> , 930, L12	7.9	23
78	The TeV blazar Markarian 421 at the highest spatial resolution. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 559, A75	5.1	22
77	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 640, A69	5.1	21
76	INTERFEROMETRIC MONITORING OF GAMMA-RAY BRIGHT AGNs. I. THE RESULTS OF SINGLE-EPOCH MULTIFREQUENCY OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 227, 8	8	21
75	The GENJI Programme: Gamma-Ray Emitting Notable AGN Monitoring by Japanese VLBI. <i>Publication of the Astronomical Society of Japan</i> , <b>2013</b> , 65, 24	3.2	21

74	Hydrodynamic Effects in Internal Shock of Relativistic Outflows. <i>Astrophysical Journal</i> , <b>2004</b> , 611, 1021-1032	4.7	21
73	Enhanced Polarized Emission from the One-parsec-scale Hotspot of 3C 84 as a Result of the Interaction with the Clumpy Ambient Medium. <i>Astrophysical Journal</i> , <b>2017</b> , 849, 52	4.7	20
72	Very Long Baseline polarimetry and the Far connection in Markarian 421 during the broadband campaign in 2011. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A54	5.1	20
71	HYSTERESIS OF BACKFLOW IMPRINTED IN COLLIMATED JETS. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 709, L83-L87	7.9	20
70	EVIDENCE OF NON-THERMAL X-RAY EMISSION FROM RADIO LOBES OF CYGNUS A. <i>Astrophysical Journal</i> , <b>2010</b> , 714, 37-44	4.7	20
69	Monitoring the Morphology of M87* in 2009-2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , <b>2020</b> , 901, 67	4.7	20
68	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L14	7.9	20
67	Black Hole Spin Signature in the Black Hole Shadow of M87 in the Flaring State. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 27	4.7	18
66	CALORIMETRY OF ACTIVE GALACTIC NUCLEUS JETS: TESTING PLASMA COMPOSITION IN CYGNUS A. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 101	4.7	18
65	Mini-radio lobes in AGN core illumination and their hadronic gamma-ray afterlight. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2011</b> , 412, L20-L24	4.3	18
64	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 148	4.7	18
63	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L16	7.9	18
62	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 911, L11	7.9	16
61	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L13	7.9	16
60	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L15	7.9	16
59	INTERFEROMETRIC MONITORING OF GAMMA-RAY BRIGHT ACTIVE GALACTIC NUCLEI II: FREQUENCY PHASE TRANSFER. <i>Journal of the Korean Astronomical Society</i> , <b>2015</b> , 48, 237-255		15
58	Revealing the Nature of Blazar Radio Cores through Multifrequency Polarization Observations with the Korean VLBI Network. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 112	4.7	14
57	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L17	7.9	14

56	Exploring the Variability of the Flat Spectrum Radio Source 1633+382. I. Phenomenology of the Light Curves. <i>Astrophysical Journal</i> , <b>2018</b> , 852, 30	4-7	13
55	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> ,	12-1	13
54	Evidence of Jet Clump Interaction: A Flip of the Radio Jet Head of 3C 84. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 118	4-7	13
53	Fast-spinning Black Holes Inferred from Symmetrically Limb-brightened Radio Jets. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 82	4-7	13
52	A Recollimation Shock in a Stationary Jet Feature with Limb-brightening in the Gamma-Ray-emitting Narrow-line Seyfert 1 Galaxy 1H 0323+342. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 857, L6	7-9	12
51	Long-term millimeter VLBI monitoring of M 87 with KVN at milliarcsecond resolution: nuclear spectrum. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, L5	5-1	12
50	Jet kinematics of the quasar 4C+21.35 from observations with the KaVA very long baseline interferometry array. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 2412-2421	4-3	11
49	POSSIBLE DETECTION OF APPARENT SUPERLUMINAL INWARD MOTION IN MARKARIAN 421 AFTER THE GIANT X-RAY FLARE IN 2010 FEBRUARY. <i>Astrophysical Journal</i> , <b>2012</b> , 759, 84	4-7	11
48	VERA monitoring of the radio jet 3C 84 in the period of 2007-2013: Detection of non-linear motion. <i>Publication of the Astronomical Society of Japan</i> , <b>2018</b> , 70,	3-2	11
47	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L19	7-9	11
46	The Power of Simultaneous Multi-frequency Observations for mm-VLBI: Beyond Frequency Phase Transfer. <i>Astronomical Journal</i> , <b>2018</b> , 155, 26	4-9	10
45	Exploring the Variability of the Flat-spectrum Radio Source 1633+382. II. Physical Properties. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 128	4-7	10
44	Ejection of Double Knots from the Radio Core of PKS 1510-089 during the Strong Gamma-Ray Flares in 2015. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 106	4-7	10
43	NEW CLASS OF VERY HIGH ENERGY $\gamma$ -RAY EMITTERS: RADIO-DARK MINI SHELLS SURROUNDING ACTIVE GALACTIC NUCLEUS JETS. <i>Astrophysical Journal</i> , <b>2013</b> , 764, 134	4-7	10
42	Evidence for a significant mixture of electron/positron pairs in FR II jets constrained by cocoon dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 1124-1136	4-3	10
41	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , <b>2021</b> , 915, 99	4-7	10
40	Discovery of off-axis jet structure of TeV blazar Mrk 501 with mm-VLBI. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A113	5-1	9
39	Nature of radio feature formed by re-started jet activity in 3C 84 and its relation with $\gamma$ -ray emissions. <i>Astronomische Nachrichten</i> , <b>2016</b> , 337, 69-72	0-7	9

38	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L21	7.9	9
37	DISCOVERY OF A WANDERING RADIO JET BASE AFTER A LARGE X-RAY FLARE IN THE BLAZAR MARKARIAN 421. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 807, L14	7.9	8
36	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L20	7.9	8
35	A comparative study of amplitude calibrations for the East Asia VLBI Network: A priori and template spectrum methods. <i>Publication of the Astronomical Society of Japan</i> , <b>2017</b> , 69,	3.2	7
34	FIRST DETECTION OF 350 MICRON POLARIZATION FROM A RADIO-LOUD AGN. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 808, L26	7.9	7
33	EVOLUTION OF NON-THERMAL SHELL EMISSION ASSOCIATED WITH ACTIVE GALACTIC NUCLEUS JETS. <i>Astrophysical Journal</i> , <b>2011</b> , 730, 120	4.7	7
32	PAGAN II: THE EVOLUTION OF AGN JETS ON SUB-PARSEC SCALES. <i>Journal of the Korean Astronomical Society</i> , <b>2015</b> , 48, 299-311		7
31	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 636, A5	5.1	7
30	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , <b>2021</b> , 912, 35	4.7	7
29	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 930, L18	7.9	7
28	Exploring the nature of the 2016 $\Gamma$ -ray emission in the blazar 1749+096. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 2324-2333	4.3	6
27	Fossil Shell in 3C 84 as TeV $\Gamma$ -ray Emitter and Cosmic-Ray Accelerator. <i>Astrophysical Journal</i> , <b>2017</b> , 843, 82	4.7	6
26	Mid-infrared Excess from the West Hot Spot of the Radio Galaxy Pictor A Unveiled by WISE. <i>Astrophysical Journal</i> , <b>2017</b> , 850, 193	4.7	6
25	Interferometric Monitoring of Gamma-Ray Bright AGNs: OJ 287. <i>Astrophysical Journal</i> , <b>2020</b> , 902, 104	4.7	6
24	East Asian VLBI Network observations of active galactic nuclei jets: imaging with KaVA+Tianma+Nanshan. <i>Research in Astronomy and Astrophysics</i> , <b>2021</b> , 21, 205	1.5	6
23	Jet Collimation and Acceleration in the Giant Radio Galaxy NGC 315. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 76	4.7	6
22	Constraints on the Circumnuclear Disk through Free-Free Absorption in the Nucleus of 3C 84 with KaVA and KVN at 43 and 86 GHz. <i>Astrophysical Journal</i> , <b>2020</b> , 895, 35	4.7	5
21	A Jet-bases Emission Model of the EHT2017 Image of M87*. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 168	4.7	5

20	THE FATE OF DEAD RADIO-LOUD ACTIVE GALACTIC NUCLEI: A NEW PREDICTION OF LONG-LIVED SHELL EMISSION. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 241	4.7	4
19	Probing the precise location of the radio core in the TeV blazar Mrk 501 with VERA at 43 GHz. <i>Publication of the Astronomical Society of Japan</i> , <b>2015</b> , 67, 67	3.2	4
18	On invisible plasma content in radio-loud AGNs: the case of TeV blazar Markarian 421. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2007</b> , 383, 713-719	4.3	4
17	KEY SCIENCE OBSERVATIONS OF AGNs WITH THE KaVA ARRAY. <i>Publications of the Korean Astronomical Society</i> , <b>2015</b> , 30, 633-636		4
16	Exploring the Morphology and Origins of the 4C 38.41 Jet. <i>Astrophysical Journal</i> , <b>2019</b> , 886, 85	4.7	4
15	Radio jet structures at ~100 pc and larger scales of the $\gamma$ -emitting narrow-line Seyfert 1 galaxy PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 640-649	4.3	3
14	The radio-loud narrow-line Seyfert 1 galaxy 1H 0323+342 in a galaxy merger. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1757-1765	4.3	3
13	ALMA Continuum Spectrum of the M87 Nucleus. <i>EPJ Web of Conferences</i> , <b>2013</b> , 61, 08008	0.3	3
12	Morphological Transition of the Compact Radio Lobe in 3C 84 via the Strong Jet-Cloud Collision. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L24	7.9	3
11	Fossil shell emission in dying radio loud AGNs. <i>Astronomische Nachrichten</i> , <b>2016</b> , 337, 47-51	0.7	3
10	The Intrinsic Structure of Sagittarius A* at 1.3 cm and 7 mm. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 108	4.7	3
9	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , <b>2022</b> , 925, 13	4.7	2
8	Herschel SPIRE Discovery of Far-infrared Excess Synchrotron Emission from the West Hot Spot of the Radio Galaxy Pictor A. <i>Astrophysical Journal</i> , <b>2020</b> , 899, 17	4.7	2
7	IMAGING CAPABILITY OF THE KVN AND VERA ARRAYS (KaVA). <i>Publications of the Korean Astronomical Society</i> , <b>2015</b> , 30, 637-639		2
6	Millimeter VLBI observations of Sgr A* with KaVA and KVN. <i>Proceedings of the International Astronomical Union</i> , <b>2016</b> , 11, 56-63	0.1	1
5	Interferometric monitoring of gamma-ray bright AGNs: Measuring the magnetic field strength of 4C +29.45. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 651, A74	5.1	1
4	A Revised View of the Linear Polarization in the Subparsec Core of M87 at 7 mm. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 180	4.7	0
3	Stable Radio Core of the Blazar Mrk 501 during High-energy Active State in 2012. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 132	4.7	



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| 2 | A strong radio brightening at the jet base of M87 during the elevated very-high-energy $\Gamma$ -ray state in 2012. <i>Proceedings of the International Astronomical Union</i> , <b>2014</b> , 10, 340-345 | 0.1 |
| 1 | Flip of the jet head position of 3C 84 in 2015. <i>Proceedings of the International Astronomical Union</i> , <b>2018</b> , 14, 227-228   | 0.1 |