

Motoki Kino

List of Publications by Year in descending order

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129
papers

11,699
citations

53794

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26613

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129
times ranked

4583
citing authors

#	ARTICLE	IF	CITATIONS
1	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
2	The Intrinsic Structure of Sagittarius A* at 1.3 cm and 7 mm. <i>Astrophysical Journal</i> , 2022, 926, 108.	4.5	13
3	<i>Herschel</i> discovery of far-infrared emission from the hotspot D in the radio galaxy Cygnus A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5995-6006.	4.4	3
4	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
5	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
6	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
7	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
8	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
9	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
10	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
11	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
12	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
13	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
14	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
15	Jet Collimation and Acceleration in the Giant Radio Galaxy NGC 315. <i>Astrophysical Journal</i> , 2021, 909, 76.	4.5	25
16	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
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	A Jet-bases Emission Model of the EHT2017 Image of M87*. <i>Astrophysical Journal</i> , 2021, 909, 168.	4.5	12

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19	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
20	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
21	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
22	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99.	4.5	19
23	Interferometric monitoring of gamma-ray bright AGNs: Measuring the magnetic field strength of 4C +29.45. <i>Astronomy and Astrophysics</i> , 2021, 651, A74.	5.1	6
24	East Asian VLBI Network observations of active galactic nuclei jets: imaging with KaVA+Tianma+Nanshan. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 205.	1.7	12
25	Morphological Transition of the Compact Radio Lobe in 3C 84 via the Strong Jet-Cloud Collision. <i>Astrophysical Journal Letters</i> , 2021, 920, L24.	8.3	12
26	Relativistic jet acceleration region in a black hole magnetosphere. <i>Physical Review D</i> , 2021, 104, .	4.7	3
27	A Revised View of the Linear Polarization in the Subparsec Core of M87 at 7 mm. <i>Astrophysical Journal</i> , 2021, 922, 180.	4.5	5
28	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
29	The radio-loud narrow-line Seyfert 1 galaxy 1H 0323+342 in a galaxy merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1757-1765.	4.4	6
30	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
31	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
32	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020, 636, A5.	5.1	18
33	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> , 2020, 895, 35.	4.5	11
34	Monitoring the Morphology of M87* in 2009-2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
35	Interferometric Monitoring of Gamma-Ray Bright AGNs: OJ 287. <i>Astrophysical Journal</i> , 2020, 902, 104.	4.5	12
36	Herschel SPIRE Discovery of Far-infrared Excess Synchrotron Emission from the West Hot Spot of the Radio Galaxy Pictor A. <i>Astrophysical Journal</i> , 2020, 899, 17.	4.5	6

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37	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
38	Stable Radio Core of the Blazar Mrk 501 during High-energy Active State in 2012. <i>Astrophysical Journal</i> , 2019, 884, 132.	4.5	1
39	Ejection of Double Knots from the Radio Core of PKS 1510-089 during the Strong Gamma-Ray Flares in 2015. <i>Astrophysical Journal</i> , 2019, 877, 106.	4.5	14
40	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30.	4.5	81
41	Radio jet structures at $\sim 1/4$ 100 pc and larger scales of the $\hat{1}^3$ -ray-emitting narrow-line Seyfert 1 galaxy PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 640-649.	4.4	6
42	Black Hole Spin Signature in the Black Hole Shadow of M87 in the Flaring State. <i>Astrophysical Journal</i> , 2019, 878, 27.	4.5	23
43	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> , 2019, 486, 2412-2421.	4.4	14
44	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
45	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
46	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
47	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
48	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
49	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
50	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> , 2019, 871, 257.	4.5	62
51	Kinematics of the M87 Jet in the Collimation Zone: Gradual Acceleration and Velocity Stratification. <i>Astrophysical Journal</i> , 2019, 887, 147.	4.5	46
52	Exploring the Morphology and Origins of the 4C 38.41 Jet. <i>Astrophysical Journal</i> , 2019, 886, 85.	4.5	9
53	The ALMA Discovery of the Rotating Disk and Fast Outflow of Cold Molecular Gas in NGC 1275. <i>Astrophysical Journal</i> , 2019, 883, 193.	4.5	46
54	KVN observations reveal multiple $\hat{1}^3$ -ray emission regions in 3C 84?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 368-378.	4.4	29

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55	Exploring the Variability of the Flat Spectrum Radio Source 1633+382. I. Phenomenology of the Light Curves. <i>Astrophysical Journal</i> , 2018, 852, 30.	4.5	16
56	A wide and collimated radio jet in 3C84 on the scale of a few hundred gravitational radii. <i>Nature Astronomy</i> , 2018, 2, 472-477.	10.1	99
57	The Power of Simultaneous Multi-frequency Observations for mm-VLBI: Beyond Frequency Phase Transfer. <i>Astronomical Journal</i> , 2018, 155, 26.	4.7	14
58	Evidence of Jet-Clump Interaction: A Flip of the Radio Jet Head of 3C 84. <i>Astrophysical Journal</i> , 2018, 864, 118.	4.5	17
59	Parabolic Jets from the Spinning Black Hole in M87. <i>Astrophysical Journal</i> , 2018, 868, 146.	4.5	103
60	Flip of the jet head position of 3C 84 in 2015. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 227-228.	0.0	0
61	Fast-spinning Black Holes Inferred from Symmetrically Limb-brightened Radio Jets. <i>Astrophysical Journal</i> , 2018, 868, 82.	4.5	20
62	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> , 2018, 70, .	2.5	13
63	Long-term millimeter VLBI monitoring of M 87 with KVN at milliarcsecond resolution: nuclear spectrum. <i>Astronomy and Astrophysics</i> , 2018, 610, L5.	5.1	18
64	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , 2018, 865, 104.	4.5	67
65	Revealing the Nature of Blazar Radio Cores through Multifrequency Polarization Observations with the Korean VLBI Network. <i>Astrophysical Journal</i> , 2018, 860, 112.	4.5	21
66	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> , 2018, 857, L6.	8.3	19
67	Exploring the nature of the 2016 γ -ray emission in the blazar 1749+096. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2324-2333.	4.4	9
68	Exploring the Variability of the Flat-spectrum Radio Source 1633+382. II. Physical Properties. <i>Astrophysical Journal</i> , 2018, 859, 128.	4.5	14
69	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> , 2017, 849, 52.	4.5	28
70	Fossil Shell in 3C 84 as TeV γ -Ray Emitter and Cosmic-Ray Accelerator. <i>Astrophysical Journal</i> , 2017, 843, 82.	4.5	6
71	Mid-infrared Excess from the West Hot Spot of the Radio Galaxy Pictor A Unveiled by WISE. <i>Astrophysical Journal</i> , 2017, 850, 193.	4.5	9
72	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> , 2017, 69, .	2.5	51

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73	A comparative study of amplitude calibrations for the East Asia VLBI Network: A priori and template spectrum methods. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	13
74	Discovery of off-axis jet structure of TeV blazar Mrk 501 with mm-VLBI. Astronomy and Astrophysics, 2016, 586, A113.	5.1	11
75	Millimeter VLBI observations of Sgr A* with KaVA and KVN. Proceedings of the International Astronomical Union, 2016, 11, 56-63.	0.0	1
76	Evidence for a significant mixture of electron/positron pairs in FR II jets constrained by cocoon dynamics. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1124-1136.	4.4	16
77	Fossil shell emission in dying radio loud AGNs. Astronomische Nachrichten, 2016, 337, 47-51.	1.2	4
78	Nature of radio feature formed by re-started jet activity in 3C 84 and its relation with γ -ray emissions. Astronomische Nachrichten, 2016, 337, 69-72.	1.2	12
79	INTERFEROMETRIC MONITORING OF GAMMA-RAY BRIGHT AGNs. I. THE RESULTS OF SINGLE-EPOCH MULTIFREQUENCY OBSERVATIONS. Astrophysical Journal, Supplement Series, 2016, 227, 8.	7.7	24
80	HIGH-SENSITIVITY 86 GHz (3.5 mm) VLBI OBSERVATIONS OF M87: DEEP IMAGING OF THE JET BASE AT A RESOLUTION OF 10 SCHWARZSCHILD RADII. Astrophysical Journal, 2016, 817, 131.	4.5	136
81	DISCOVERY OF A WANDERING RADIO JET BASE AFTER A LARGE X-RAY FLARE IN THE BLAZAR MARKARIAN 421. Astrophysical Journal Letters, 2015, 807, L14.	8.3	10
82	FIRST DETECTION OF 350 MICRON POLARIZATION FROM A RADIO-LOUD AGN. Astrophysical Journal Letters, 2015, 808, L26.	8.3	7
83	Probing the precise location of the radio core in the TeV blazar Mrk 501 with VERA at 43 GHz. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	4
84	230 GHz VLBI OBSERVATIONS OF M87: EVENT HORIZON SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY γ -RAY STATE IN 2012. Astrophysical Journal, 2015, 807, 150.	4.5	98
85	MAGNETIZATION DEGREE AT THE JET BASE OF M87 DERIVED FROM THE EVENT HORIZON TELESCOPE DATA: TESTING THE MAGNETICALLY DRIVEN JET PARADIGM. Astrophysical Journal, 2015, 803, 30.	4.5	53
86	THE FATE OF DEAD RADIO-LOUD ACTIVE GALACTIC NUCLEI: A NEW PREDICTION OF LONG-LIVED SHELL EMISSION. Astrophysical Journal, 2015, 806, 241.	4.5	5
87	INTERFEROMETRIC MONITORING OF GAMMA-RAY BRIGHT ACTIVE GALACTIC NUCLEI II: FREQUENCY PHASE TRANSFER. Journal of the Korean Astronomical Society, 2015, 48, 237-255.	1.5	18
88	PAGAN II: THE EVOLUTION OF AGN JETS ON SUB-PARSEC SCALES. Journal of the Korean Astronomical Society, 2015, 48, 299-311.	1.5	8
89	KEY SCIENCE OBSERVATIONS OF AGNs WITH THE KaVA ARRAY. Publications of the Korean Astronomical Society, 2015, 30, 633-636.	0.0	5
90	IMAGING CAPABILITY OF THE KVN AND VERA ARRAYS (KaVA). Publications of the Korean Astronomical Society, 2015, 30, 637-639.	0.0	3

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91	Very Long Baseline polarimetry and the γ -ray connection in Markarian 421 during the broadband campaign in 2011. <i>Astronomy and Astrophysics</i> , 2014, 571, A54.	5.1	25
92	LIMB-BRIGHTENED JET OF 3C 84 REVEALED BY THE 43 GHz VERY-LONG-BASELINE-ARRAY OBSERVATION. <i>Astrophysical Journal</i> , 2014, 785, 53.	4.5	87
93	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> , 2014, 788, 165.	4.5	52
94	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> , 2014, 66, .	2.5	42
95	RELATIVISTIC ELECTRONS AND MAGNETIC FIELDS OF THE M87 JET ON THE ~ 10 SCHWARZSCHILD RADII SCALE. <i>Astrophysical Journal</i> , 2014, 786, 5.	4.5	33
96	A strong radio brightening at the jet base of M87 during the elevated very-high-energy γ -ray state in 2012. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 340-345.	0.0	0
97	Radio and γ -ray follow-up of the exceptionally high-activity state of PKS 1510-089 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2418-2429.	4.4	50
98	THE INNERMOST COLLIMATION STRUCTURE OF THE M87 JET DOWN TO ~ 10 SCHWARZSCHILD RADII. <i>Astrophysical Journal</i> , 2013, 775, 70.	4.5	121
99	The GENJI Programme: Gamma-Ray Emitting Notable AGN Monitoring by Japanese VLBI. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	22
100	NEW CLASS OF VERY HIGH ENERGY γ -RAY EMITTERS: RADIO-DARK MINI SHELLS SURROUNDING ACTIVE GALACTIC NUCLEUS JETS. <i>Astrophysical Journal</i> , 2013, 764, 134.	4.5	10
101	The TeV blazar Markarian 421 at the highest spatial resolution. <i>Astronomy and Astrophysics</i> , 2013, 559, A75.	5.1	24
102	ALMA Continuum Spectrum of the M87 Nucleus. <i>EPJ Web of Conferences</i> , 2013, 61, 08008.	0.3	3
103	VLBA monitoring of Mrk 421 at 15 GHz and 24 GHz during 2011. <i>Astronomy and Astrophysics</i> , 2012, 545, A117.	5.1	41
104	POSSIBLE DETECTION OF APPARENT SUPERLUMINAL INWARD MOTION IN MARKARIAN 421 AFTER THE GIANT X-RAY FLARE IN 2010 FEBRUARY. <i>Astrophysical Journal</i> , 2012, 759, 84.	4.5	12
105	VLBI OBSERVATIONS OF THE JET IN M 87 DURING THE VERY HIGH ENERGY γ -RAY FLARE IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012, 760, 52.	4.5	36
106	EXPLORING THE CENTRAL SUB-PARSEC REGION OF THE γ -RAY BRIGHT RADIO GALAXY 3C 84 WITH VLBA AT 43 GHz IN THE PERIOD OF 2002-2008. <i>Astrophysical Journal</i> , 2012, 746, 140.	4.5	49
107	KILOPARSEC-SCALE RADIO STRUCTURES IN NARROW-LINE SEYFERT 1 GALAXIES. <i>Astrophysical Journal</i> , 2012, 760, 41.	4.5	77
108	Radio-to- γ -ray monitoring of the narrow-line Seyfert 1 galaxy PMN J0948+0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012, 548, A106.	5.1	43

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109	CALORIMETRY OF ACTIVE GALACTIC NUCLEUS JETS: TESTING PLASMA COMPOSITION IN CYGNUS A. <i>Astrophysical Journal</i> , 2012, 751, 101.	4.5	21
110	The kinematic of HST-1 in the jet of M87. <i>Astronomy and Astrophysics</i> , 2012, 538, L10.	5.1	52
111	VLBI and single-dish monitoring of 3C 84 for the period 2009-2011. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 423, L122-L126.	3.3	26
112	An origin of the radio jet in M87 at the location of the central black hole. <i>Nature</i> , 2011, 477, 185-187.	27.8	224
113	Global e-VLBI observations of the gamma-ray narrow line Seyfert 1 PMN J0948+0022. <i>Astronomy and Astrophysics</i> , 2011, 528, L11.	5.1	35
114	EVOLUTION OF NON-THERMAL SHELL EMISSION ASSOCIATED WITH ACTIVE GALACTIC NUCLEUS JETS. <i>Astrophysical Journal</i> , 2011, 730, 120.	4.5	8
115	Mini-radio lobes in AGN core illumination and their hadronic gamma-ray afterlight. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 412, L20-L24.	3.3	20
116	HYSTERESIS OF BACKFLOW IMPRINTED IN COLLIMATED JETS. <i>Astrophysical Journal Letters</i> , 2010, 709, L83-L87.	8.3	23
117	EVIDENCE OF NON-THERMAL X-RAY EMISSION FROM RADIO LOBES OF CYGNUS A. <i>Astrophysical Journal</i> , 2010, 714, 37-44.	4.5	22
118	VLBI Monitoring of 3C 84 (NGC 1275) in Early Phase of the 2005 Outburst. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, L11-L15.	2.5	62
119	ON THE ORIGIN OF FANAROFF-RILEY CLASSIFICATION OF RADIO GALAXIES: DECELERATION OF SUPERSONIC RADIO LOBES. <i>Astrophysical Journal</i> , 2009, 697, L173-L176.	4.5	29
120	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	4.5	81
121	The Estimate of Kinetic Power of Jets in FR II Radio Galaxies: Existence of Invisible Components?. <i>Astrophysical Journal</i> , 2008, 685, 828-838.	4.5	34
122	The Fate of Young Radio Galaxies: Decelerations Inside Host Galaxies?. <i>Astrophysical Journal</i> , 2008, 687, 141-155.	4.5	31
123	Nonthermal Emission Associated with Strong AGN Outbursts at the Centers of Galaxy Clusters. <i>Astrophysical Journal</i> , 2007, 663, L61-L64.	4.5	54
124	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> , 2005, 364, 659-664.	4.4	36
125	Constraints on the energetics and plasma composition of relativistic jets in FR II sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 336-346.	4.4	54
126	Hydrodynamic Effects in Internal Shock of Relativistic Outflows. <i>Astrophysical Journal</i> , 2004, 611, 1021-1032.	4.5	24

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127	Chandradiscovery of an X-ray jet and lobes in 3C415. <i>Astronomy and Astrophysics</i> , 2003, 410, 833-845.	5.1	35
128	Energetics of TeV Blazars and Physical Constraints on Their Emission Regions. <i>Astrophysical Journal</i> , 2002, 564, 97-107.	4.5	97
129	On invisible plasma content in radio-loud AGNs: the case of TeV blazar Markarian 421. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 713-719.	4.4	4