

Fabrizio Tavecchio

List of Publications by Year in descending order

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398
papers

21,037
citations

8732

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399
docs citations

399
times ranked

6139
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
2	General physical properties of bright Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 497-518.	1.6	448
3	Variable Very High Energy γ -Ray Emission from Markarian 501. <i>Astrophysical Journal</i> , 2007, 669, 862-883.	1.6	426
4	Structured jets in TeV BL Lac objects and radiogalaxies. <i>Astronomy and Astrophysics</i> , 2005, 432, 401-410.	2.1	404
5	Constraints on the Physical Parameters of TeV Blazars. <i>Astrophysical Journal</i> , 1998, 509, 608-619.	1.6	380
6	Canonical high-power blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 985-1002.	1.6	364
7	Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. <i>Science</i> , 2008, 320, 1752-1754.	6.0	355
8	The power of relativistic jets is larger than the luminosity of their accretion disks. <i>Nature</i> , 2014, 515, 376-378.	13.7	315
9	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. <i>Astroparticle Physics</i> , 2016, 72, 76-94.	1.9	305
10	The X-Ray Jet of PKS 0637+752: Inverse Compton Radiation from the Cosmic Microwave Background?. <i>Astrophysical Journal</i> , 2000, 544, L23-L26.	1.6	288
11	MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21. <i>Astrophysical Journal Letters</i> , 2011, 730, L8.	3.0	277
12	The transition between BL Lac objects and flat spectrum radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2674-2689.	1.6	262
13	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131.	1.6	261
14	The blazar sequence: a new perspective. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 1669-1680.	1.6	244
15	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, L142-L147.	1.6	230
16	The Jet-Disk Connection and Blazar Unification. <i>Astrophysical Journal</i> , 2003, 593, 667-675.	1.6	210
17	The <i>Fermi</i> blazars' divide. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 396, L105-L109.	1.2	204
18	The intergalactic magnetic field constrained by <i>Fermi</i> /Large Area Telescope observations of the TeV blazar 1ES 0229+200. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 406, L70-L74.	1.2	197

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19	The Fermi blazar sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 255-266.	1.6	193
20	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	1.6	185
21	Performance of the MAGIC stereo system obtained with Crab Nebula data. <i>Astroparticle Physics</i> , 2012, 35, 435-448.	1.9	183
22	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
23	Radio Imaging of the Very-High-Energy $\hat{\gamma}$ -Ray Emission Region in the Central Engine of a Radio Galaxy. <i>Science</i> , 2009, 325, 444-448.	6.0	175
24	TeV BL Lac objects at the dawn of the <i>Fermi</i> era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1570-1586.	1.6	174
25	Observation of Pulsed $\hat{\gamma}$ -Rays Above 25 GeV from the Crab Pulsar with MAGIC. <i>Science</i> , 2008, 322, 1221-1224.	6.0	173
26	Extreme synchrotron BL Lac objects. <i>Astronomy and Astrophysics</i> , 2001, 371, 512-526.	2.1	170
27	Probing quantum gravity using photons from a flare of the active galactic nucleus Markarian 501 observed by the MAGIC telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 668, 253-257.	1.5	168
28	The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017, 44, 25-82.	1.6	167
29	<i>FERMI</i> /LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. <i>Astrophysical Journal</i> , 2009, 699, 976-984.	1.6	161
30	Constraining the location of the emitting region in <i>Fermi</i> blazars through rapid $\hat{\gamma}$ -ray variability. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 405, L94-L98.	1.2	158
31	Extreme TeV blazars and the intergalactic magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 3566-3576.	1.6	156
32	A Survey of Extended Radio Jets with Chandra and the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2004, 608, 698-720.	1.6	153
33	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. <i>Astroparticle Physics</i> , 2016, 72, 61-75.	1.9	150
34	THE 2010 VERY HIGH ENERGY $\hat{\gamma}$ -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , 2012, 746, 151.	1.6	145
35	The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. <i>Astrophysical Journal Letters</i> , 2018, 863, L10.	3.0	141
36	Physics potential of the International Axion Observatory (IAXO). <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 047-047.	1.9	135

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37	Spine sheath layer radiative interplay in subparsec-scale jets and the TeV emission from M87. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 385, L98-L102.	1.2	131
38	Rapid variability in TeV blazars: the case of PKS 2155+304. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 386, L28-L32.	1.2	131
39	Black hole lightning due to particle acceleration at subhorizon scales. <i>Science</i> , 2014, 346, 1080-1084.	6.0	128
40	Multiepoch Multiwavelength Spectra and Models for Blazar 3C 279. <i>Astrophysical Journal</i> , 2001, 553, 683-694.	1.6	126
41	Arp 299: A Second Merging System with Two Active Nuclei?. <i>Astrophysical Journal</i> , 2004, 600, 634-639.	1.6	125
42	On the origin of the γ -ray emission from the flaring blazar PKS 1222+216. <i>Astronomy and Astrophysics</i> , 2011, 534, A86.	2.1	120
43	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017, 207, 5-61.	3.7	115
44	Jet and accretion power in the most powerful Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 2041-2054.	1.6	112
45	The γ -ray brightest days of the blazar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 368-380.	1.6	112
46	Fermi/LAT broad emission line blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1060-1077.	1.6	112
47	The spectrum of the broad-line region and the high-energy emission of powerful blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 945-952.	1.6	111
48	MAGIC GAMMA-RAY TELESCOPE OBSERVATION OF THE PERSEUS CLUSTER OF GALAXIES: IMPLICATIONS FOR COSMIC RAYS, DARK MATTER, AND NGC 1275. <i>Astrophysical Journal</i> , 2010, 710, 634-647.	1.6	110
49	[ITAL]Chandra [ITAL] Observations of the X-Ray Jet of 3C 273. <i>Astrophysical Journal</i> , 2001, 549, L161-L165.	1.6	110
50	Optimized dark matter searches in deep observations of Segue 1 with MAGIC. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 008-008.	1.9	105
51	Simultaneous X-Ray and TeV Observations of a Rapid Flare from Markarian 421. <i>Astrophysical Journal</i> , 1999, 526, L81-L84.	1.6	104
52	A Survey of Extended Radio Jets in Active Galactic Nuclei with Chandra and the Hubble Space Telescope: First Results. <i>Astrophysical Journal</i> , 2002, 571, 206-217.	1.6	104
53	XIPE: the X-ray imaging polarimetry explorer. <i>Experimental Astronomy</i> , 2013, 36, 523-567.	1.6	103
54	Theoretical Implications from the Spectral Evolution of Markarian 501 Observed with BeppoSAX. <i>Astrophysical Journal</i> , 2001, 554, 725-733.	1.6	103

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55	Hard TeV spectra of blazars and the constraints to the infrared intergalactic background. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 368, L52-L56.	1.2	99
56	Improving the performance of the single-dish Cherenkov telescope MAGIC through the use of signal timing. Astroparticle Physics, 2009, 30, 293-305.	1.9	98
57	Stochastic particle acceleration and synchrotron self-Compton radiation in TeV blazars. Astronomy and Astrophysics, 2006, 453, 47-56.	2.1	96
58	X-ray Emission of Markarian 421: New Clues from Its Spectral Evolution. II. Spectral Analysis and Physical Constraints. Astrophysical Journal, 2000, 541, 166-179.	1.6	96
59	Discovery of Very High Energy γ -Rays from 1ES 1011+496 at $\langle z \rangle = 0.212$. Astrophysical Journal, 2007, 667, L21-L24.	1.6	94
60	Search for the shortest variability at gamma rays in flat-spectrum radio quasars. Astronomy and Astrophysics, 2011, 530, A77.	2.1	94
61	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22.	2.1	92
62	Four Years of Monitoring Blazar PKS 2155+304 with BeppoSAX: Probing the Dynamics of the Jet. Astrophysical Journal, 2002, 572, 762-785.	1.6	91
63	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156.	1.6	90
64	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	1.6	86
65	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. Astrophysical Journal, 2008, 685, L23-L26.	1.6	84
66	Phase-resolved energy spectra of the Crab pulsar in the range of 50-400 GeV measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 540, A69.	2.1	84
67	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. Astronomy and Astrophysics, 2015, 576, A126.	2.1	84
68	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. Astronomy and Astrophysics, 2016, 585, A133.	2.1	82
69	PERIODIC VERY HIGH ENERGY γ -RAY EMISSION FROM LS I +61 $^{\circ}$ 303 OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 693, 303-310.	1.6	81
70	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. Astrophysical Journal, 2009, 707, 727-737.	1.6	81
71	Shedding New Light on the 3C 273 Jet with the Spitzer Space Telescope. Astrophysical Journal, 2006, 648, 910-921.	1.6	79
72	DETECTION OF VERY HIGH ENERGY γ -RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2010, 723, L207-L212.	3.0	78

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73	VERY HIGH ENERGY γ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015, 815, L23.	3.0	78
74	Rapid X-ray Variability of the BL Lacertae Object PKS 2155+304. <i>Astrophysical Journal</i> , 1999, 527, 719-732.	1.6	77
75	Detection of very-high energy γ -ray emission from NGC 1275 by the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 539, L2.	2.1	77
76	X-ray Emission of Markarian 421: New Clues from Its Spectral Evolution. I. Temporal Analysis. <i>Astrophysical Journal</i> , 2000, 541, 153-165.	1.6	76
77	An Enshrouded Active Galactic Nucleus in the Merging Starburst System Arp 299 Revealed by [CLC][ITAL]BeppoSAX[ITAL][/CLC]. <i>Astrophysical Journal</i> , 2002, 581, L9-L13.	1.6	73
78	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. <i>Astrophysical Journal</i> , 2008, 679, 1029-1039.	1.6	72
79	DISCOVERY OF VERY HIGH ENERGY γ -RAYS FROM THE BLAZAR S5 0716+714. <i>Astrophysical Journal</i> , 2009, 704, L129-L133.	1.6	72
80	The NuSTAR view on hard-TeV BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4257-4268.	1.6	71
81	INTEGRAL observations of the blazar 3C454.3 in outburst. <i>Astronomy and Astrophysics</i> , 2006, 449, L21-L25.	2.1	71
82	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. <i>Astrophysical Journal</i> , 2011, 729, 2.	1.6	70
83	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510+089 in early 2012. <i>Astronomy and Astrophysics</i> , 2014, 569, A46.	2.1	70
84	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. <i>Astrophysical Journal</i> , 2011, 742, 43.	1.6	69
85	Compton rockets and the minimum power of relativistic jets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 409, L79-L83.	1.2	68
86	MAGIC Observations and multiwavelength properties of the quasar 3C279 in 2007 and 2009. <i>Astronomy and Astrophysics</i> , 2011, 530, A4.	2.1	68
87	Morphological and spectral properties of the W51 region measured with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 541, A13.	2.1	67
88	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z=1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4233-4251.	1.6	67
89	Measurement of the Crab Nebula spectrum over three decades in energy with the MAGIC telescopes. <i>Journal of High Energy Astrophysics</i> , 2015, 5-6, 30-38.	2.4	65
90	Gamma-cloud Quasars: A View with BEPPOSAX. <i>Astrophysical Journal</i> , 2000, 543, 535-544.	1.6	65

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91	High-energy cosmic neutrinos from spine-sheath BL Lac jets. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1502-1510.	1.6	64
92	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2956-2962.	1.6	64
93	Constraining cosmic rays and magnetic fields in the Perseus galaxy cluster with TeV observations by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A99.	2.1	64
94	Clustering of the optical-afterglow luminosities of long gamma-ray bursts. Astronomy and Astrophysics, 2006, 451, 821-833.	2.1	64
95	Correlation between the TeV and X-ray emission in high-energy peaked BL Lac objects. Astronomy and Astrophysics, 2005, 433, 479-496.	2.1	63
96	The hard TeV spectrum of 1ES 0229+200: new clues from Swift. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L59-L63.	1.2	62
97	Chasing the heaviest black holes of jetted active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	61
98	The first gamma-ray outburst of a narrow-line Seyfert 1 galaxy: the case of PMN J0948+0022 in 2010 July. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1671-1677.	1.6	61
99	Searches for dark matter annihilation signatures in the Segue 1 satellite galaxy with the MAGIC-I telescope. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 035-035.	1.9	60
100	Evidence for an axion-like particle from PKS $1222+216$?. Physical Review D, 2012, 86, .	1.6	60
101	BL Lacertae: Complex spectral variability and rapid synchrotron flare detected with BeppoSAX. Astronomy and Astrophysics, 2002, 383, 763-772.	2.1	60
102	Spectral Evolution of PKS 2155+304 Observed with BeppoSAX during an Active Gamma-Ray Phase. Astrophysical Journal, 1999, 521, 552-560.	1.6	60
103	Are GRB 980425 and GRB 031203 real outliers or twins of GRB 060218?. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1699-1709.	1.6	59
104	The radio- γ -ray connection in Fermi blazars. Monthly Notices of the Royal Astronomical Society, 2011, 413, 852-862.	1.6	59
105	STRUCTURED JETS IN BL LAC OBJECTS: EFFICIENT PeV NEUTRINO FACTORIES?. Astrophysical Journal Letters, 2014, 793, L18.	3.0	59
106	Progress in unveiling extreme particle acceleration in persistent astrophysical jets. Nature Astronomy, 2020, 4, 124-131.	4.2	57
107	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. Astronomy and Astrophysics, 2016, 595, A98.	2.1	56
108	The BL Lacertae objects OQ 530 and S5 0716+714. Astronomy and Astrophysics, 2003, 400, 477-486.	2.1	55

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109	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009, 703, 169-178.	1.6	55
110	Correlation of Fermi Large Area Telescope sources with the 20-GHz Australia Telescope Compact Array radio survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 791-803.	1.6	55
111	Mrk 421 active state in 2008: the MAGIC view, simultaneous multi-wavelength observations and SSC model constrained. <i>Astronomy and Astrophysics</i> , 2012, 542, A100.	2.1	55
112	Observing Mkn 421 with XMM-Newton: The EPIC PN point of view. <i>Astronomy and Astrophysics</i> , 2004, 424, 841-855.	2.1	55
113	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	1.9	54
114	On the magnetization of BL Lac jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2374-2382.	1.6	53
115	On the interpretation of spectral-energy correlations in long gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2006, 450, 471-481.	2.1	53
116	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. <i>Astrophysical Journal</i> , 2009, 692, L29-L33.	1.6	52
117	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	2.9	52
118	Chandra and Hubble Space Telescope Observations of Gamma-Ray Blazars: Comparing Jet Emission at Small and Large Scales. <i>Astrophysical Journal</i> , 2007, 662, 900-908.	1.6	51
119	High-redshift Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 901-914.	1.6	51
120	Search for an extended VHE γ -ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A77.	2.1	50
121	Discovery of VHE γ -rays from the blazar 1ES 1215+303 with the MAGIC telescopes and simultaneous multi-wavelength observations. <i>Astronomy and Astrophysics</i> , 2012, 544, A142.	2.1	50
122	Constraining blazar distances with combined <i>Fermi</i> and TeV data: an empirical approach. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 405, L76-L80.	1.2	49
123	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	1.6	49
124	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	2.1	49
125	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	2.1	49
126	Simultaneous X-ray and optical observations of S5 0716+714 after the outburst of March 2004. <i>Astronomy and Astrophysics</i> , 2006, 455, 871-877.	2.1	49

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127	Low-Energy Cutoffs and Hard X-Ray Spectra in High-Redshift Radio-loud Quasars: The Suzaku View of RBS 315. <i>Astrophysical Journal</i> , 2007, 665, 980-989.	1.6	48
128	On the 2007 July flare of the blazar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 382, L82-L86.	1.2	48
129	STRUCTURE OF THE ACCRETION FLOW IN BROAD-LINE RADIO GALAXIES: THE CASE OF 3C 390.3. <i>Astrophysical Journal</i> , 2009, 700, 1473-1487.	1.6	48
130	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014, 567, A135.	2.1	48
131	An emerging population of BL Lacs with extreme properties: towards a class of EBL and cosmic magnetic field probes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 611-621.	1.6	48
132	XMM-Newton observations of a sample of γ -ray loud active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2006, 453, 829-838.	2.1	48
133	Long-Term X-Ray and TeV Variability of Mrk 501. <i>Astrophysical Journal</i> , 2006, 646, 61-75.	1.6	47
134	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. <i>Astrophysical Journal</i> , 2009, 706, L27-L32.	1.6	47
135	Intrinsic absorption in 3C 279 at GeV-TeV energies and consequences for estimates of the extragalactic background light. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 392, L40-L44.	1.2	47
136	THE ENVIRONMENT AND DISTRIBUTION OF EMITTING ELECTRONS AS A FUNCTION OF SOURCE ACTIVITY IN MARKARIAN 421. <i>Astrophysical Journal</i> , 2011, 733, 14.	1.6	47
137	<i>Fermi</i> /LAT detection of extraordinary variability in the gamma-ray emission of the blazar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2013, 555, A138.	2.1	47
138	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	2.1	47
139	Deep Chandra and Multicolor HST Follow-up of the Jets in Two Powerful Radio Quasars. <i>Astrophysical Journal</i> , 2006, 641, 717-731.	1.6	46
140	UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009, 697, 1299-1304.	1.6	46
141	Radio-loud active galactic nuclei at high redshifts and the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2694-2700.	1.6	46
142	EXPLORING THE BLAZAR ZONE IN HIGH-ENERGY FLARES OF FSRQs. <i>Astrophysical Journal</i> , 2014, 790, 45.	1.6	46
143	MAGIC observations of the February 2014 flare of 1ES 1011+496 and ensuing constraint of the EBL density. <i>Astronomy and Astrophysics</i> , 2016, 590, A24.	2.1	46
144	Ultra-high energy cosmic rays, spiral galaxies and magnetars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 390, L88-L92.	1.2	45

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145	MAGIC CONSTRAINTS ON $\hat{\nu}^3$ -RAY EMISSION FROM CYGNUS X-3. <i>Astrophysical Journal</i> , 2010, 721, 843-855.	1.6	45
146	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2014, 563, A91.	2.1	45
147	Detection of an X-Ray Jet in 3C 371 with [ITAL]Chandra[/ITAL]. <i>Astrophysical Journal</i> , 2001, 556, L79-L82.	1.6	44
148	Spectral Energy Distributions of Flat-spectrum Radio Quasars Observed with BeppoSAX. <i>Astrophysical Journal</i> , 2002, 575, 137-144.	1.6	44
149	X-Ray/LIV/Optical Follow-up of the Blazar PKS 2155-304 after the Giant TeV Flares of 2006 July. <i>Astrophysical Journal</i> , 2007, 657, L81-L84.	1.6	44
150	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. <i>Astrophysical Journal</i> , 2009, 705, 1624-1631.	1.6	44
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