

Fabrizio Tavecchio

List of Publications by Year in descending order

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Version: 2024-02-01

398
papers

21,037
citations

8732

75
h-index

15683

125
g-index

399
all docs

399
docs citations

399
times ranked

6139
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of an extended X-ray jet at $z = 6.1$. <i>Astronomy and Astrophysics</i> , 2022, 659, A93.	2.1	12
2	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	1.8	21
3	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	1.6	11
4	Testing particle acceleration models for BL Lac jets with the Imaging X-ray Polarimetry Explorer. <i>Astronomy and Astrophysics</i> , 2022, 662, A83.	2.1	5
5	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	4.2	25
6	ASTRI Mini-Array core science at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 1-42.	2.4	18
7	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	1.6	4
8	Extragalactic observatory science with the ASTRI mini-array at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 91-111.	2.4	4
9	Constraining the shear acceleration model for the X-ray emission of large-scale extragalactic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 6199-6207.	1.6	17
10	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B [*] . <i>Astrophysical Journal</i> , 2021, 908, 90.	1.6	38
11	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. <i>Astronomy and Astrophysics</i> , 2021, 647, A163.	2.1	11
12	Scrutinizing FRÅO radio galaxies as ultra-high-energy cosmic ray source candidates. <i>Astroparticle Physics</i> , 2021, 128, 102564.	1.9	11
13	Probing Magnetic Fields and Acceleration Mechanisms in Blazar Jets with X-ray Polarimetry. <i>Galaxies</i> , 2021, 9, 37.	1.1	12
14	Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. <i>Astronomy and Astrophysics</i> , 2021, 655, A89.	2.1	15
15	First detection of VHE gamma-ray emission from TXSÅ1515–273, study of its X-ray variability and spectral energy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1528-1545.	1.6	4
16	Kink-driven magnetic reconnection in relativistic jets: consequences for X-ray polarimetry of BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2836-2847.	1.6	28
17	Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021, 52, 309-406.	1.6	7
18	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	1.6	2

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19	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	1.6	10
20	Fundamental physics with blazar spectra: a critical appraisal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5268-5276.	1.6	12
21	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April $\langle \sup \rangle^*$. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	3.0	25
22	On the distribution of fluxes of gamma-ray blazars: hints for a stochastic process?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1294-1300.	1.6	11
23	Probing shock acceleration in BL Lac jets through X-ray polarimetry: the time-dependent view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 599-608.	1.6	10
24	Studying the nature of the unidentified gamma-ray source HESS J1841 \hat{a} 055 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3734-3745.	1.6	3
25	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	2.1	31
26	Estimating $\langle \mathit{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \mathit{mml:mi}\hat{I}^3\langle \mathit{mml:mi}\rangle \langle \mathit{mml:mi}\rangle \hat{I}^3\langle \mathit{mml:mi}\rangle \langle \mathit{mml:math}\rangle$ absorption for ultrahigh-energy photons with lepton and hadron production. <i>Physical Review D</i> , 2020, 102, .	1.6	8
27	Probing the absorption of gamma-rays by IR radiation from the dusty torus in FSRQs with the Cherenkov telescope array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3463-3473.	1.6	4
28	A search for dark matter in Triangulum \hat{A} ll with the MAGIC telescopes. <i>Physics of the Dark Universe</i> , 2020, 28, 100529.	1.8	10
29	Statistics of VHE $\langle \mathit{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \mathit{mml:mi}\hat{I}^3\langle \mathit{mml:mi}\rangle \langle \mathit{mml:math}\rangle$ -rays in temporal association with radio giant pulses from the Crab pulsar. <i>Astronomy and Astrophysics</i> , 2020, 634, A25.	2.1	4
30	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	3.0	39
31	An intermittent extreme BL Lac: MWL study of 1ES \hat{A} 2344+514 in an enhanced state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3912-3928.	1.6	14
32	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	2.9	52
33	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	1.6	21
34	Monitoring of the radio galaxy M \hat{A} 87 during a low-emission state from 2012 to 2015 with MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5354-5365.	1.6	31
35	Progress in unveiling extreme particle acceleration in persistent astrophysical jets. <i>Nature Astronomy</i> , 2020, 4, 124-131.	4.2	57
36	Study of the variable broadband emission of Markarian 501 during the most extreme $\langle \mathit{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \mathit{mml:mi}\hat{I}^3\langle \mathit{mml:mi}\rangle \langle \mathit{mml:math}\rangle$ Swift $\langle \mathit{mml:math}\rangle$ X-ray activity. <i>Astronomy and Astrophysics</i> , 2020, 637, A86.	2.1	28

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37	Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. <i>Astronomy and Astrophysics</i> , 2020, 638, A14.	2.1	23
38	MAGIC observations of the diffuse γ -ray emission in the vicinity of the Galactic center. <i>Astronomy and Astrophysics</i> , 2020, 642, A190.	2.1	25
39	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020, 640, A132.	2.1	20
40	EeV astrophysical neutrinos from flat spectrum radio quasars. <i>Astronomy and Astrophysics</i> , 2020, 642, A92.	2.1	13
41	Detection of the Geminga pulsar with MAGIC hints at a power-law tail emission beyond 15 GeV. <i>Astronomy and Astrophysics</i> , 2020, 643, L14.	2.1	26
42	A NuSTAR view of powerful γ -ray loud blazars. <i>Astronomy and Astrophysics</i> , 2019, 627, A72.	2.1	9
43	On the radiation energy density in the jet of high-energy-emitting BL Lac objects and its impact on their multimessenger role. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4023-4032.	1.6	4
44	Testing emission models on the extreme blazar 2WHSP J073326.7+515354 detected at very high energies with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2284-2299.	1.6	22
45	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	1.6	27
46	Very high-energy constraints on the infrared extragalactic background light. <i>Astronomy and Astrophysics</i> , 2019, 629, A2.	2.1	14
47	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	1.6	7
48	Putting the hadron beam scenario for extreme blazars to the test with the Cherenkov Telescope Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1802-1807.	1.6	11
49	Deep observations of the globular cluster M15 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2876-2885.	1.6	8
50	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4233-4251.	1.6	67
51	Physics potential of the International Axion Observatory (IAXO). <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 047-047.	1.9	135
52	A fast, very-high-energy γ -ray flare from BL Lacertae during a period of multi-wavelength activity in June 2015. <i>Astronomy and Astrophysics</i> , 2019, 623, A175.	2.1	26
53	Unveiling the origin of the gamma-ray emission in NGC 1068 with the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2019, 112, 16-23.	1.9	15
54	A Cloud-based Architecture for the Cherenkov Telescope Array Observation Simulations: Optimization, Design, and Results. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 32.	3.0	11

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55	Neutrino emission from BL Lac objects: the role of radiatively inefficient accretion flows. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L127-L131.	1.2	29
56	Blazar VHE spectral alterations induced by photon-ALP oscillations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 123-132.	1.6	44
57	Discovery of TeV γ -ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4578-4585.	1.6	6
58	Indirect dark matter searches in the dwarf satellite galaxy Ursa Major II with the MAGIC telescopes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 009-009.	1.9	24
59	High-energy neutrinos from FRO radio galaxies?. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5529-5534.	1.6	18
60	Gamma-ray flaring activity of NGC1275 in 2016-2017 measured by MAGIC. Astronomy and Astrophysics, 2018, 617, A91.	2.1	25
61	The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. Astrophysical Journal Letters, 2018, 863, L10.	3.0	141
62	Prospects for gamma-ray observations of narrow-line Seyfert 1 galaxies with the Cherenkov Telescope Array. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5046-5061.	1.6	24
63	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	2.1	32
64	Probing dissipation mechanisms in BL Lac jets through X-ray polarimetry. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2872-2880.	1.6	26
65	Detection of persistent VHE gamma-ray emission from PKS 1510-089 by the MAGIC telescopes during low states between 2012 and 2017. Astronomy and Astrophysics, 2018, 619, A159.	2.1	26
66	Recollimation shocks and radiative losses in extragalactic relativistic jets. Astronomy and Astrophysics, 2018, 609, A122.	2.1	19
67	Extreme HBL behavior of Markarian 501 during 2012. Astronomy and Astrophysics, 2018, 620, A181.	2.1	47
68	Study of the orientation of narrow-line Seyfert I. Astronomy and Astrophysics, 2018, 616, A43.	2.1	4
69	Constraining very-high-energy and optical emission from FRB 121102 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2479-2486.	1.6	33
70	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. Astrophysical Journal Letters, 2018, 867, L19.	3.0	38
71	Detection of the blazar S4 0954+65 at very-high-energy with the MAGIC telescopes during an exceptionally high optical state. Astronomy and Astrophysics, 2018, 617, A30.	2.1	19
72	The broad-band properties of the intermediate synchrotron peaked BL Lac S2 0109+22 from radio to VHE gamma-rays. Monthly Notices of the Royal Astronomical Society, 2018, 480, 879-892.	1.6	13

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73	Constraining dark matter lifetime with a deep gamma-ray survey of the Perseus galaxy cluster with MAGIC. <i>Physics of the Dark Universe</i> , 2018, 22, 38-47.	1.8	26
74	The NuSTAR view on hard-TeV BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4257-4268.	1.6	71
75	Exploring the radio and GeV-TeV γ -ray connection in the different blazar sub-classes. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 180-183.	0.0	0
76	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A14.	2.1	23
77	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
78	Limits on the flux of tau neutrinos from 1ÂPeV to 3ÂEeV with the MAGIC telescopes. <i>Astroparticle Physics</i> , 2018, 102, 77-88.	1.9	14
79	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
80	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s. , 2018, , .		6
81	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017, 207, 5-61.	3.7	115
82	Observations of Sagittarius A* during the pericenter passage of the G2 object with MAGIC. <i>Astronomy and Astrophysics</i> , 2017, 601, A33.	2.1	17
83	The Fermi blazar sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 255-266.	1.6	193
84	The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017, 44, 25-82.	1.6	167
85	Gamma rays from blazars. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	4
86	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	1.6	29
87	Observation of the black widow B1957+20 millisecond pulsar binary system with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4608-4617.	1.6	4
88	MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1688-1693.	1.6	5
89	First multi-wavelength campaign on the gamma-ray-loud active galaxy ICâ€™%310. <i>Astronomy and Astrophysics</i> , 2017, 603, A25.	2.1	22
90	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	3.0	25

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91	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	1.9	54
92	Very-high-energy gamma-ray observations of the Type Ia Supernova SN 2014J with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2017, 602, A98.	2.1	2
93	MAGIC detection of very high energy $\hat{\gamma}$ -ray emission from the low-luminosity blazar 1ES1741+196. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1534-1541.	1.6	15
94	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	2.1	49
95	Multiwavelength observations of a VHE gamma-ray flare from PKS1510-089 in 2015. <i>Astronomy and Astrophysics</i> , 2017, 603, A29.	2.1	33
96	On radiative acceleration in spine-sheath structured blazar jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3544-3557.	1.6	10
97	CMB-induced radio quenching of high-redshift jetted AGNs with highly magnetic hotspots. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 109-121.	1.6	17
98	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2956-2962.	1.6	64
99	Insight into the nature of the candidate Extreme BL Lac object RBS 0723 with the MAGIC telescopes. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
100	Very-high-energy $\hat{\gamma}$ -rays from the universe middle age: Detection of B0218+357 and PKS1441+25 with the MAGIC telescopes. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
101	High-energy emitting BL Lacs and high-energy neutrinos. <i>Astronomy and Astrophysics</i> , 2017, 598, A36.	2.1	22
102	Exploring the connection between radio and GeV-TeV $\hat{\gamma}$ -ray emission in the 1FHL and 2FHL AGN samples. <i>Astronomy and Astrophysics</i> , 2017, 606, A138.	2.1	13
103	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Sciences Series of ISSI</i> , 2017, , 5-61.	0.0	0
104	Broad Band Observations of Gravitationally Lensed Blazar during a Gamma-Ray Outburst. <i>Galaxies</i> , 2016, 4, 31.	1.1	0
105	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.	2.1	82
106	Latest MAGIC discoveries pushing redshift boundaries in VHE Astrophysics. <i>Journal of Physics: Conference Series</i> , 2016, 718, 052022.	0.3	1
107	MAGIC detection of sub-TeV emission from gravitationally lensed blazar QSO B0218+357. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 235-236.	0.0	0
108	Science with the ASTRI mini-array for the Cherenkov Telescope Array: blazars and fundamental physics. <i>Journal of Physics: Conference Series</i> , 2016, 718, 052004.	0.3	0

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109	OPTICAL SPECTROSCOPY OF SDSS J004054.65-0915268: THREE POSSIBLE SCENARIOS FOR THE CLASSIFICATION. A $z \sim 4.5$ BL LACERTAE, A BLUE FSRQ, OR A WEAK EMISSION LINE QUASAR. <i>Astronomical Journal</i> , 2016, 151, 35.	1.9	7
110	Deep observation of the NGC 1275 region with MAGIC: search of diffuse γ -ray emission from cosmic rays in the Perseus cluster. <i>Astronomy and Astrophysics</i> , 2016, 589, A33.	2.1	40
111	Super-orbital variability of LS I +61°303 at TeV energies. <i>Astronomy and Astrophysics</i> , 2016, 591, A76.	2.1	21
112	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 591, A138.	2.1	20
113	DETECTING RELATIVISTIC X-RAY JETS IN HIGH-REDSHIFT QUASARS. <i>Astrophysical Journal</i> , 2016, 833, 123.	1.6	24
114	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
115	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. <i>Astronomy and Astrophysics</i> , 2016, 593, A91.	2.1	36
116	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 595, A98.	2.1	56
117	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. <i>Astronomy and Astrophysics</i> , 2016, 591, A10.	2.1	15
118	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016, 819, 156.	1.6	90
119	On the magnetization of BL Lac jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2374-2382.	1.6	53
120	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3271-3281.	1.6	26
121	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
122	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
123	On the detectability of Lorentz invariance violation through anomalies in the multi-TeV γ -ray spectra of blazars. <i>Astronomy and Astrophysics</i> , 2016, 585, A25.	2.1	36
124	CMB quenching of high-redshift radio-loud AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3457-3469.	1.6	29
125	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
126	Very high-energy γ -ray observations of novae and dwarf novae with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2015, 582, A67.	2.1	21

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127	MAGIC observations of MWC 656, the only known Be/BH system. <i>Astronomy and Astrophysics</i> , 2015, 576, A36.	2.1	11
128	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
129	Unveiling the nature of the $\hat{\gamma}$ -ray emitting active galactic nucleus PKS 0521+36. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3975-3990.	1.6	20
130	Short timescale photometric and polarimetric behavior of two BL Lacertae type objects. <i>Astronomy and Astrophysics</i> , 2015, 578, A68.	2.1	22
131	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	2.1	84
132	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	2.1	49
133	VERY HIGH ENERGY $\hat{\gamma}$ -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
134	Photons to axion-like particles conversion in Active Galactic Nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 744, 375-379.	1.5	37
135	Blazar candidates beyond redshift 4 observed by Swift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2483-2489.	1.6	35
136	Discovery of very high energy $\hat{\gamma}$ -ray emission from the blazar 1ES 0033+595 by the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 217-225.	1.6	15
137	Fermi/LAT broad emission line blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1060-1077.	1.6	112
138	No axions from the Sun. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 450, L26-L28.	1.2	5
139	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
140	Probing the very high energy $\hat{\gamma}$ -ray spectral curvature in the blazar PG 1553+113 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4399-4410.	1.6	22
141	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 739-750.	1.6	25
142	High-energy cosmic neutrinos from spine-sheath BL Lac jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1502-1510.	1.6	64
143	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. <i>Astronomy and Astrophysics</i> , 2015, 578, A22.	2.1	92
144	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2014, 565, L12.	2.1	30

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145	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. <i>Astronomy and Astrophysics</i> , 2014, 567, A41.	2.1	33
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