Josep M Paredes

List of Publications by Year
in descending order

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311 papers	12,505 citations	23567 58 h-index	32842 100 g-index
315 all docs	315 docs citations	315 times ranked	5426 citing authors

#	Article	IF	Citations
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
2	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	3.7	640
3	Variable Very High Energy Î³â€Ray Emission from Markarian 501. Astrophysical Journal, 2007, 669, 862-883.	4.5	426
4	Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. Science, 2008, 320, 1752-1754.	12.6	355
5	Variable Very-High-Energy Gamma-Ray Emission from the Microquasar LS I +61 303. Science, 2006, 312, 1771-1773.	12.6	334
6	MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21. Astrophysical Journal Letters, 2011, 730, L8.	8.3	277
7	Discovery of a High-Energy Gamma-Ray-Emitting Persistent Microquasar. Science, 2000, 288, 2340-2342.	12.6	266
8	VHE Î³â€Ray Observation of the Crab Nebula and its Pulsar with the MAGIC Telescope. Astrophysical Journal, 2008, 674, 1037-1055.	4.5	233
9	Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1. Astrophysical Journal, 2007, 665, L51-L54.	4.5	183
10	Radio Imaging of the Very-High-Energy Î³-Ray Emission Region in the Central Engine of a Radio Galaxy. Science, 2009, 325, 444-448.	12.6	175
11	Observation of Pulsed Î³-Rays Above 25 GeV from the Crab Pulsar with MAGIC. Science, 2008, 322, 1221-1224.	12.6	173
12	A possible black hole in the Â-ray microquasar LS 5039. Monthly Notices of the Royal Astronomical Society, 2005, 364, 899-908.	4.4	171
13	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	3.7	167
14	Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope. Astrophysical Journal, 2007, 664, L87-L90.	4.5	155
15	A Be-type star with a black-hole companion. Nature, 2014, 505, 378-381.	27.8	154
16	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.	8.3	141
17	The Coordinated Radio and Infrared Survey for High-Mass Star Formation (The CORNISH Survey). I. Survey Design. Publications of the Astronomical Society of the Pacific, 2012, 124, 939-955.	3.1	128
18	THE COORDINATED RADIO AND INFRARED SURVEY FOR HIGH-MASS STAR FORMATION. II. SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2013, 205, 1.	7.7	128

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19	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	12.6	128
20	Orbital parameters of the microquasar LS I +61 303. Monthly Notices of the Royal Astronomical Society, 2005, 360, 1105-1109.	4.4	124
21	A broadband leptonic model for gamma-ray emitting microquasars. Astronomy and Astrophysics, 2006, 447, 263-276.	5.1	123
22	Observations of Markarian 421 with the MAGIC Telescope. Astrophysical Journal, 2007, 663, 125-138.	4.5	120
23	MAGIC GAMMA-RAY TELESCOPE OBSERVATION OF THE PERSEUS CLUSTER OF GALAXIES: IMPLICATIONS FOR COSMIC RAYS, DARK MATTER, AND NGC 1275. Astrophysical Journal, 2010, 710, 634-647.	4.5	110
24	Discovery of Very High Energy Î³-Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae. Astrophysical Journal, 2007, 666, L17-L20.	4.5	102
25	Hints for a fast precessing relativistic radio jet inâ€€LS I +61Â°303. Astronomy and Astrophysics, 2004, 414, L1-L4.	5.1	100
26	Discovery of Very High Energy Î³-Rays from 1ES 1011+496 at z = 0.212. Astrophysical Journal, 2007, 667, L21-L24.	4.5	94
27	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22.	5.1	92
28	EGRET Observations of the Gammaâ€Ray Source 2CG 135+01. Astrophysical Journal, 1997, 486, 126-131.	4.5	91
29	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156.	4.5	90
30	Observation of VHE Î³-rays from Cassiopeia A with the MAGIC telescope. Astronomy and Astrophysics, 2007, 474, 937-940.	5.1	90
31	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	4.5	86
32	Discovery of Very High Energy Î³-Rays from Markarian 180 Triggered by an Optical Outburst. Astrophysical Journal, 2006, 648, L105-L108.	4.5	85
33	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. Astrophysical Journal, 2008, 685, L23-L26.	4.5	84
34	Phase-resolved energy spectra of the Crab pulsar in the range of 50â€“400ÂGeV measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 540, A69.	5.1	84
35	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. Astronomy and Astrophysics, 2015, 576, A126.	5.1	84
36	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. Astronomy and Astrophysics, 2016, 585, A133.	5.1	82

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37	PERIODIC VERY HIGH ENERGY Î³-RAY EMISSION FROM LS I +61Â°303 OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 693, 303-310.	4.5	81
38	DETECTION OF VERY HIGH ENERGY Î³-RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2010, 723, L207-L212.	8.3	78
39	VERY HIGH ENERGY Î³ -RAYS FROM THE UNIVERSEâ€™S MIDDLE AGE: DETECTION OF THE z = 0.940 BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	8.3	78
40	Detection of very-high energyÎ³-ray emission from NGC 1275 by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, L2.	5.1	77
41	MAGIC Upper Limits on the Very High Energy Emission from Gammaâ€Ray Bursts. Astrophysical Journal, 2007, 667, 358-366.	4.5	72
42	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. Astrophysical Journal, 2008, 679, 1029-1039.	4.5	72
43	DISCOVERY OF VERY HIGH ENERGY Î³-RAYS FROM THE BLAZAR S5 0716+714. Astrophysical Journal, 2009, 704, L129-L133.	4.5	72
44	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. Astrophysical Journal, 2011, 729, 2.	4.5	70
45	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510â^'089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46.	5.1	70
46	One-sided jet at milliarcsecond scales in LS I +61Â°303. Astronomy and Astrophysics, 2001, 376, 217-223.	5.1	70
47	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. Astrophysical Journal, 2011, 742, 43.	4.5	69
48	MAGIC Observations and multiwavelength properties of the quasar 3CÂ279 in 2007 and 2009. Astronomy and Astrophysics, 2011, 530, A4.	5.1	68
49	Morphological and spectral properties of the W51 region measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A13.	5.1	67
50	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to zÂ=Â1. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4233-4251.	4.4	67
51	LS 5039: A runaway microquasar ejected from the galactic plane. Astronomy and Astrophysics, 2002, 384, 954-964.	5.1	66
52	Detection of Very High Energy Radiation from the BL Lacertae Object PG 1553+113 with the MAGIC Telescope. Astrophysical Journal, 2007, 654, L119-L122.	4.5	65
53	Orbital Xâ€Ray Variability of the Microquasar LS 5039. Astrophysical Journal, 2005, 628, 388-394.	4.5	64
54	MAGIC Observations of the Unidentified Î³-Ray Source TeV J2032+4130. Astrophysical Journal, 2008, 675, L25-L28.	4.5	64

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55	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.	4.4	64
56	Constraining cosmic rays and magnetic fields in the Perseus galaxy cluster with TeV observations by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A99.	5.1	64
57	Confirmation of persistent radio jets in the microquasar LS 5039. Astronomy and Astrophysics, 2002, 393, L99-L102.	5.1	62
58	Upper Limit for Î³â€Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. Astrophysical Journal, 2008, 679, 428-431.	4.5	61
59	On the binary nature of the Î³-ray sources AGL J2241+4454 (= MWC 656) and HESS J0632+057 (= MWC 148). Monthly Notices of the Royal Astronomical Society, 2012, 421, 1103-1112.	4.4	56
60	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.	5.1	56
61	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. Astrophysical Journal, 2009, 703, 169-178.	4.5	55
62	Mrk 421 active state in 2008: the MAGIC view, simultaneous multi-wavelength observations and SSC model constrained. Astronomy and Astrophysics, 2012, 542, A100.	5.1	55
63	Observation of Very High Energy Î³â€Rays from the AGN 1ES 2344+514 in a Low Emission State with the MAGIC Telescope. Astrophysical Journal, 2007, 662, 892-899.	4.5	54
64	Multiwavelength observations of the binary system PSR B1259â˜63/LS 2883 around the 2010â€“2011 periastron passage. Monthly Notices of the Royal Astronomical Society, 2014, 439, 432-445.	4.4	54
65	Development of a two-sided relativistic jet in Cygnus X-3. Astronomy and Astrophysics, 2001, 375, 476-484.	5.1	54
66	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. Astrophysical Journal, 2009, 692, L29-L33.	4.5	52
67	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. Physical Review Letters, 2020, 125, 021301.	7.8	52
68	Spectral energy distribution of the Î³-ray microquasar LSÂ5039. Astronomy and Astrophysics, 2006, 451, 259-266.	5.1	52
69	The radio to TeV orbital variability of the microquasar LSÂIÂ+61Â303. Astronomy and Astrophysics, 2006, 459, L25-L28.	5.1	51
70	Multiwavelength (Radio, Xâ€Ray, and Î³â€Ray) Observations of the Î³â€Ray Binary LS I +61 303. Astrophysical Journal, 2008, 684, 1351-1358.	4.5	51
71	Search for an extended VHEÎ³-ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. Astronomy and Astrophysics, 2010, 524, A77.	5.1	50
72	Discovery of VHEÎ³-rays from the blazar 1ESÂ1215+303 with the MAGIC telescopes and simultaneous multi-wavelength observations. Astronomy and Astrophysics, 2012, 544, A142.	5.1	50

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73	The Variable Gamma-Ray Source 2CG 135+01. Astrophysical Journal, 1998, 497, L89-L91.	4.5	50
74	FIRSTNuSTAROBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. Astrophysical Journal, 2015, 812, 65.	4.5	49
75	Multiwavelength observations of Mrk 501 in 2008. Astronomy and Astrophysics, 2015, 573, A50.	5.1	49
76	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. Astronomy and Astrophysics, 2017, 603, A31.	5.1	49
77	A numerical model for the Î³-ray emission of the microquasar LSÂ5039. Astronomy and Astrophysics, 2004, 417, 1075-1081.	5.1	49
78	DISCOVERY OF EXTENDED AND VARIABLE RADIO STRUCTURE FROM THE GAMMA-RAY BINARY SYSTEM PSR B1259â€“63/LS 2883. Astrophysical Journal Letters, 2011, 732, L10.	8.3	48
79	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. Astronomy and Astrophysics, 2014, 567, A135.	5.1	48
80	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. Astrophysical Journal, 2009, 706, L27-L32.	4.5	47
81	Extreme HBL behavior of Markarian 501 during 2012. Astronomy and Astrophysics, 2018, 620, A181.	5.1	47
82	Electromagnetic radiation initiated by hadronic jets from microquasars in the ISM. Astronomy and Astrophysics, 2005, 432, 609-618.	5.1	47
83	Observation of VHE Gamma Radiation from HESS J1834-087/W41 with the MAGIC Telescope. Astrophysical Journal, 2006, 643, L53-L56.	4.5	46
84	UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 697, 1299-1304.	4.5	46
85	MAGIC observations of the February 2014 flare of 1ES 1011+496 and ensuing constraint of the EBL density. Astronomy and Astrophysics, 2016, 590, A24.	5.1	46
86	High-mass microquasars and low-latitude gamma-ray sources. Astronomy and Astrophysics, 2005, 429, 267-276.	5.1	46
87	Chandra Observations of the Gamma-Ray Binary [OBJECTNAME STATUS="NOLINK"]LS I +61 303[/OBJECTNAME]: Extended X-Ray Structure?. Astrophysical Journal, 2007, 664, L39-L42.	4.5	45
88	MAGIC CONSTRAINTS ON Î³-RAY EMISSION FROM CYGNUS X-3. Astrophysical Journal, 2010, 721, 843-855.	4.5	45
89	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. Astronomy and Astrophysics, 2014, 563, A91.	5.1	45
90	Massive protostars as gamma-ray sources. Astronomy and Astrophysics, 2010, 511, A8.	5.1	45

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91	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. Astrophysical Journal, 2009, 705, 1624-1631.	4.5	44
92	The changing milliarcsecond radio morphology of the gamma-ray binary LS 5039. Astronomy and Astrophysics, 2008, 481, 17-20.	5.1	43
93	Contemporaneous observations of the radio galaxy NGCâ€‰1275 from radio to very high energyÎ³-rays. Astronomy and Astrophysics, 2014, 564, A5.	5.1	42
94	PG 1553+113: FIVE YEARS OF OBSERVATIONS WITH MAGIC. Astrophysical Journal, 2012, 748, 46.	4.5	40
95	Deep observation of the NGCâ€‰1275 region with MAGIC: search of diffuseÎ³-ray emission from cosmic rays in the Perseus cluster. Astronomy and Astrophysics, 2016, 589, A33.	5.1	40
96	Non-thermal emission from microquasar/ISM interaction. Astronomy and Astrophysics, 2009, 497, 325-334.	5.1	40
97	Gamma-ray emission from massive young stellar objects. Astronomy and Astrophysics, 2007, 476, 1289-1295.	5.1	39
98	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. Astrophysical Journal, Supplement Series, 2020, 247, 16.	7.7	39
99	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. Astrophysical Journal Letters, 2018, 867, L19.	8.3	38
100	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B [*]. Astrophysical Journal, 2021, 908, 90.	4.5	38
101	Exploring the connection between the stellar wind and the non-thermal emission in LSÂ5039. Astronomy and Astrophysics, 2007, 473, 545-550.	5.1	38
102	Leptonic secondary emission in a hadronic microquasar model. Astronomy and Astrophysics, 2007, 476, 9-15.	5.1	37
103	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. Astronomy and Astrophysics, 2016, 593, A91.	5.1	36
104	The geometric distance and binary orbit of PSR B1259â€“63. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4849-4860.	4.4	34
105	Long-term X-ray variability of the microquasar system LS 5039/RX J1826.2-1450. Astronomy and Astrophysics, 2003, 405, 285-290.	5.1	34
106	MAGIC TeV gamma-ray observations of MarkarianÂ421 during multiwavelength campaigns in 2006. Astronomy and Astrophysics, 2010, 519, A32.	5.1	33
107	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. Astronomy and Astrophysics, 2014, 567, A41.	5.1	33
108	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	4.5	33

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109	Multiwavelength observations of a VHE gamma-ray flare from PKSâ€‰1510â˜089 in 2015. Astronomy and Astrophysics, 2017, 603, A29.	5.1	33
110	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.	4.4	33
111	A Multiwavelength Investigation of the Relationship between 2CG 135+1 and LSI +61o303. Astrophysical Journal, 1998, 497, 419-430.	4.5	33
112	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	5.1	32
113	Revealing the extended radio emission from the gamma-ray binary HESSÂJ0632+057. Astronomy and Astrophysics, 2011, 533, L7.	5.1	31
114	OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE. Astrophysical Journal, 2011, 726, 58.	4.5	31
115	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. Astronomy and Astrophysics, 2020, 635, A158.	5.1	31
116	Monitoring of the radio galaxy MÂ87 during a low-emission state from 2012 to 2015 with MAGIC. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5354-5365.	4.4	31
117	Periodic morphological changes in the radio structure of the gamma-ray binary LSÂ5039. Astronomy and Astrophysics, 2012, 548, A103.	5.1	31
118	Î³-ray emission from microquasars: A numerical model for LSIÂ+61Â°303. Astronomy and Astrophysics, 2004, 425, 1069-1074.	5.1	31
119	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. Astronomy and Astrophysics, 2014, 565, L12.	5.1	30
120	Discovery of VHEÎ³-ray emission from the BL Lacertae object B3 2247+381 with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, A118.	5.1	29
121	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. Astrophysical Journal, 2017, 834, 2.	4.5	29
122	On the formation and evolution of the first Be star in a black hole binary MWC 656. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2773-2787.	4.4	28
123	Study of the variable broadband emission of Markarian 501 during the most extreme Swift X-ray activity. Astronomy and Astrophysics, 2020, 637, A86.	5.1	28
124	The First Simultaneous X-Ray/Radio Detection of the First Be/BH System MWC 656. Astrophysical Journal Letters, 2017, 835, L33.	8.3	27
125	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. Astrophysical Journal, 2019, 883, 135.	4.5	27
126	Discovery of TeVÎ³-ray emission from the pulsar wind nebula 3C 58 by MAGIC. Astronomy and Astrophysics, 2014, 567, L8.	5.1	27

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127	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3271-3281.	4.4	26
128	Detection of persistent VHE gamma-ray emission from PKS 1510â€“089 by the MAGIC telescopes during low states between 2012 and 2017. Astronomy and Astrophysics, 2018, 619, A159.	5.1	26
129	A fast, very-high-energy Î³-ray flare from BL Lacertae during a period of multi-wavelength activity in June 2015. Astronomy and Astrophysics, 2019, 623, A175.	5.1	26
130	Detection of the Geminga pulsar with MAGIC hints at a power-law tail emission beyond 15 GeV. Astronomy and Astrophysics, 2020, 643, L14.	5.1	26
131	MAGIC observations of the giant radio galaxy MÂ87 in a low-emission state between 2005 and 2007. Astronomy and Astrophysics, 2012, 544, A96.	5.1	25
132	The simultaneous low state spectral energy distribution of 1ESâ€‰2344+514 from radio to very high energies. Astronomy and Astrophysics, 2013, 556, A67.	5.1	25
133	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. Monthly Notices of the Royal Astronomical Society, 2015, 451, 739-750.	4.4	25
134	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. Astrophysical Journal, Supplement Series, 2017, 232, 9.	7.7	25
135	Gamma-ray flaring activity of NGC1275 in 2016â€“2017 measured by MAGIC. Astronomy and Astrophysics, 2018, 617, A91.	5.1	25
136	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*]. Astrophysical Journal, Supplement Series, 2020, 248, 29.	7.7	25
137	MAGIC observations of the diffuse Î³-ray emission in the vicinity of the Galactic center. Astronomy and Astrophysics, 2020, 642, A190.	5.1	25
138	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. Nature Astronomy, 2022, 6, 689-697.	10.1	25
139	DISCOVERY OF X-RAY EMISSION FROM THE FIRST Be/BLACK HOLE SYSTEM. Astrophysical Journal Letters, 2014, 786, L11.	8.3	24
140	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. Astronomy and Astrophysics, 2014, 572, A121.	5.1	24
141	The Cygnus Xâ€3 Radio Jets at Arcsecond Scales. Astrophysical Journal, 2000, 545, 939-944.	4.5	24
142	Discovery of a New Radio Galaxy within the Error Box of the Unidentified GammaâEŘay Source 3EG J1735â^1500. Astrophysical Journal, 2003, 588, 731-735.	4.5	23
143	GAMMA-RAY EXCESS FROM A STACKED SAMPLE OF HIGH- AND INTERMEDIATE-FREQUENCY PEAKED BLAZARS OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2011, 729, 115.	4.5	23
144	Physical properties of the gamma-ray binary LS 5039 through low- and high-frequency radio observations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 59-73.	4.4	23

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145	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. Astronomy and Astrophysics, 2018, 612, A14.	5.1	23
146	Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. Astronomy and Astrophysics, 2020, 638, A14.	5.1	23
147	THERMAL X-RAY EMISSION FROM THE SHOCKED STELLAR WIND OF PULSAR GAMMA-RAY BINARIES. Astrophysical Journal, 2011, 743, 7.	4.5	22
148	DETECTION OF VHE Î³-RAYS FROM HESS J0632+057 DURING THE 2011 FEBRUARY X-RAY OUTBURST WITH THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2012, 754, L10.	8.3	22
149	Probing the very high energy Î³-ray spectral curvature in the blazar PG 1553+113 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4399-4410.	4.4	22
150	First multi-wavelength campaign on the gamma-ray-loud active galaxy ICâ€‰310. Astronomy and Astrophysics, 2017, 603, A25.	5.1	22
151	Testing emission models on the extreme blazar 2WHSPÂJ073326.7+515354 detected at very high energies with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2284-2299.	4.4	22
152	On the origin of correlated X-ray/VHE emission from LSâ€‰Iâ€‰+61â€‰303. Astronomy and Astrophysics, 2011, 527, A9.	5.1	22
153	Discovery of very high energy gamma-ray emission from the blazar 1ESâ€‰1727+502 with the MAGIC Telescopes. Astronomy and Astrophysics, 2014, 563, A90.	5.1	21
154	Very high-energyÎ³-ray observations of novae and dwarf novae with the MAGIC telescopes. Astronomy and Astrophysics, 2015, 582, A67.	5.1	21
155	Super-orbital variability of LS I +61Â°303 at TeV energies. Astronomy and Astrophysics, 2016, 591, A76.	5.1	21
156	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. Astrophysical Journal, 2020, 890, 97.	4.5	21
157	EUropean Heliospheric FORecasting Information Asset 2.0. Journal of Space Weather and Space Climate, 2020, 10, 57.	3.3	21
158	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. Astronomy and Astrophysics, 2016, 591, A138.	5.1	20
159	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. Astronomy and Astrophysics, 2020, 640, A132.	5.1	20
160	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.	5.1	19
161	The Population of Radio Sources in the Field of the Unidentified Gamma-Ray Source TeV J2032+4130. Astrophysical Journal, 2007, 654, L135-L138.	4.5	18
162	Systematic Search for VHE Gammaâ€Ray Emission from Xâ€Rayâ€“bright Highâ€Frequency BL Lac Objects. Astrophysical Journal, 2008, 681, 944-953.	4.5	18

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163	Radio continuum and near-infrared study of the MGRO J2019+37 region. Astronomy and Astrophysics, 2009, 507, 241-250.	5.1	18
164	SEARCH FOR VHE Î³-RAY EMISSION FROM THE GLOBULAR CLUSTER M13 WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 702, 266-269.	4.5	18
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