Felix Spanier

List of Publications by Year
in descending order

185	10,862	26630	31849
papers	citations	56 h-index	101 g-index

185	185	185	5363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determining Pitch-Angle Diffusion Coefficients for Electrons in Whistler Turbulence. Physics, 2022, 4, 80-103.	1.4	0
2	Monte Carlo simulations of the electron â€" gas interactions in the KATRIN experiment. Journal of Instrumentation, 2022, 17, P06029.	1.2	0
3	The design, construction, and commissioning of the KATRIN experiment. Journal of Instrumentation, 2021, 16, T08015.	1.2	30
4	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
5	Scattering of electron holes in the context of ion-acoustic regime. Physics of Plasmas, 2019, 26, 034502.	1.9	0
6	Improved Upper Limit on the Neutrino Mass from a Direct Kinematic Method by KATRIN. Physical Review Letters, 2019, 123, 221802.	7.8	322
7	The 2014 TeV Î³-Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. Astrophysical Journal, 2019, 870, 93.	4.5	47
8	H.E.S.S. discovery of very high energy Î³-ray emission from PKSâ€‰0625â^'354. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4187-4198.	4.4	21
9	Analytical treatment of particle motion in circularly polarized slab-mode wave fields. Journal of Plasma Physics, 2018, 84, .	2.1	1
10	AGN neutrino flux estimates for a realistic hybrid model. Astroparticle Physics, 2018, 100, 61-68.	4.3	0
11	Searches for gamma-ray lines and â€˜pure WIMPâ€™ spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 037-037.	5.4	30
12	A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations. Astronomy and Astrophysics, 2018, 612, A10.	5.1	7
13	Population study of Galactic supernova remnants at very high Î³-ray energies with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A3.	5.1	44
14	Decomposing blazar spectra into leptoâ€hadronic emission components. Astronomische Nachrichten, 2018, 339, 331-335.	1.2	4
15	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A8.	5.1	32
16	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> -Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. Physical Review Letters, 2018, 120, 201101.	7.8	105
17	Afterlive: A performant code for Vlasov-Hybrid simulations. Computer Physics Communications, 2018, 230, 121-134.	7.5	4
18	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0â^'4622): Morphology studies and resolved spectroscopy. Astronomy and Astrophysics, 2018, 612, A7.	5.1	43

#	Article	IF	Citations
19	A study of the stability properties of Sagdeev solutions in the ion-acoustic regime using kinetic simulations. Physics of Plasmas, 2018, 25, 072304.	1.9	2
20	PARTICLE SCATTERING OFF OF RIGHT-HANDED DISPERSIVE WAVES. Astrophysical Journal, 2017, 834, 161.	4.5	10
21	Kinetic-Simulation Study of Propagation of Langmuir-Like Ionic Waves in Dusty Plasma. IEEE Transactions on Plasma Science, 2017, 45, 193-199.	1.3	4
22	Plasma waves as a benchmark problem. Journal of Plasma Physics, 2017, 83, .	2.1	12
23	Simulation study of overtaking of ion-acoustic solitons in the fully kinetic regime. Physics of Plasmas, 2017, 24, 032305.	1.9	12
24	Kinetic Simulation Study of Electron Holes Dynamics During Collisions of Ion-Acoustic Solitons. IEEE Transactions on Plasma Science, 2017, 45, 2182-2190.	1.3	3
25	Fully kinetic simulation study of ion-acoustic solitons in the presence of trapped electrons. Physical Review E, 2017, 95, 053201.	2.1	10
26	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. Astrophysical Journal Letters, 2017, 850, L22.	8.3	38
27	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKSâ€‰2155â˜304 and PGâ€‰1553+113. Astronomy and Astrophysics, 2017, 600, A89.	5.1	29
28	Recovering the Damping Rates of Cyclotron Damped Plasma Waves from Simulation Data. Communications in Computational Physics, 2017, 21, 947-980.	1.7	5
29	Measurement of the EBL spectral energy distribution using the VHE Î³-ray spectra of H.E.S.S. blazars. Astronomy and Astrophysics, 2017, 606, A59.	5.1	54
30	A NUMERICAL MODEL OF PARSEC-SCALE SSC MORPHOLOGIES AND THEIR RADIO EMISSION. Astrophysical Journal, 2016, 829, 56.	4.5	7
31	DETERMINING PITCH-ANGLE DIFFUSION COEFFICIENTS FROM TEST PARTICLE SIMULATIONS. Astrophysical Journal, 2016, 833, 223.	4.5	8
32	Monitoring of the radio galaxy MÂ87 at Very High Energy with MAGIC during a low emission state between 2012 and 2015. Proceedings of the International Astronomical Union, 2016, 12, 164-167.	0.0	0
33	Study of trapping effect on ion-acoustic solitary waves based on a fully kinetic simulation approach. Physics of Plasmas, 2016, 23, 102306.	1.9	9
34	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. Physical Review Letters, 2016, 117, 111301.	7.8	233
35	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100ÂGeV to 2ÂTeV Energy Range Close to the Galactic Center. Physical Review Letters, 2016, 117, 151302.	7.8	43
36	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. Astroparticle Physics, 2016, 72, 76-94.	4.3	305

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37	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. Astroparticle Physics, 2016, 72, 61-75.	4.3	150
38	MAGIC observations of MWC 656, the only known Be/BH system. Astronomy and Astrophysics, 2015, 576, A36.	5.1	11
39	Multiwavelength observations of Mrk 501 in 2008. Astronomy and Astrophysics, 2015, 573, A50.	5.1	49
40	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50
41	PICPANTHER: A simple, concise implementation of the relativistic moment implicit particle-in-cell method. Computer Physics Communications, 2015, 188, 198-207.	7.5	7
42	Discovery of very high energy Î³-ray emission from the blazar 1ESÂ0033+595 by the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 217-225.	4.4	15
43	Measurement of the Crab Nebula spectrum over three decades in energy with the MAGIC telescopes. Journal of High Energy Astrophysics, 2015, 5-6, 30-38.	6.7	65
44	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
45	Multi-band implications of external-IC flares. Astroparticle Physics, 2015, 61, 102-107.	4.3	2
46	A self-consistent and time-dependent hybrid blazar emission model. Astronomy and Astrophysics, 2015, 573, A7.	5.1	34
47	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22.	5.1	92
48	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. Astronomy and Astrophysics, 2014, 565, L12.	5.1	30
49	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. Astronomy and Astrophysics, 2014, 567, A41.	5.1	33
50	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
51	Fundamental and harmonic plasma emission in different plasma environments. Astronomy and Astrophysics, 2014, 564, A15.	5.1	11
52	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. Physical Review D, 2014, 90, .	4.7	76
53	DISCOVERY OF THE HARD SPECTRUM VHE Î³-RAY SOURCE HESS J1641â€“463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
54	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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55	MAGIC upper limits on the GRB 090102 afterglow. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3103-3111.	4.4	18
56	Optimized dark matter searches in deep observations of Segue 1 with MAGIC. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	5.4	105
57	Search for very high energy gamma-rays from the z = 0.896 quasar 4C +55.17 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2014, 440, 530-535.	4.4	1
58	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	12.6	128
59	Wave-particle-interaction in kinetic plasmas. Computer Physics Communications, 2014, 185, 1981-1986.	7.5	9
60	Contemporaneous observations of the radio galaxy NGCâ€‰1275 from radio to very high energyÎ³-rays. Astronomy and Astrophysics, 2014, 564, A5.	5.1	42
61	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
62	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. Astronomy and Astrophysics, 2014, 563, A91.	5.1	45
63	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. Astronomy and Astrophysics, 2014, 572, A121.	5.1	24
64	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
65	MAGIC reveals a complex morphology within the unidentified gamma-ray source HESS J1857+026. Astronomy and Astrophysics, 2014, 571, A96.	5.1	15
66	MAGIC search for VHEÎ³-ray emission from AE Aquarii in a multiwavelength context. Astronomy and Astrophysics, 2014, 568, A109.	5.1	6
67	Discovery of TeVÎ³-ray emission from the pulsar wind nebula 3C 58 by MAGIC. Astronomy and Astrophysics, 2014, 567, L8.	5.1	27
68	Note on the use of Yee-lattices in (semi-) implicit particle-in-cell codes. Journal of Computational Physics, 2013, 237, 56-60.	3.8	2
69	Turbulence evolution in MHD plasmas. Journal of Plasma Physics, 2013, 79, 597-612.	2.1	6
70	Particle scattering in turbulent plasmas with amplified wave modes. Astronomy and Astrophysics, 2013, 553, A129.	5.1	19
71	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
72	The firstSEPServerevent catalogue ~68-MeV solar proton events observed at 1 AU in 1996â€“2010. Journal of Space Weather and Space Climate, 2013, 3, A12.	3.3	77

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73	Hadronic Modeling of Blazars. EPJ Web of Conferences, 2013, 61, 05009.	0.3	2
74	The radio morphology of a spatially resolved SSC model. EPJ Web of Conferences, 2013, 61, 05010.	0.3	2
75	Very high energy gamma-ray observation of the peculiar transient event Swift J1644+57 with the MAGIC telescopes and AGILE. Astronomy and Astrophysics, 2013, 552, A112.	5.1	5
76	Observations of the magnetars 4Uâ€‰0142+61 and 1Eâ€‰2259+586 with the MAGIC telescopes. Astronomy and Astrophysics, 2013, 549, A23.	5.1	7
77	Particle Simulation in Turbulent Plasmas with Amplified Wavemodes. , 2013, , 123-137.		0
78	DETECTION OF THE Î³-RAY BINARY LS I +61Â°303 IN A LOW-FLUX STATE AT VERY HIGH ENERGY Î³-RAYS WITH THE MAGIC TELESCOPES IN 2009. Astrophysical Journal, 2012, 746, 80.	4.5	14
79	THE 2010 VERY HIGH ENERGY Î³-RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. Astrophysical Journal, 2012, 746, 151.	4.5	145
80	PG 1553+113: FIVE YEARS OF OBSERVATIONS WITH MAGIC. Astrophysical Journal, 2012, 748, 46.	4.5	40
81	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
82	Weak turbulence theory and wave-wave interaction: Three wave coupling in space plasmas. , 2012, , .		0
83	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
84	HADRONIC MODELING OF AGN VARIABILITY. International Journal of Modern Physics Conference Series, 2012, 08, 293-298.	0.7	5
85	NONLINEAR WAVE INTERACTIONS AS EMISSION PROCESS OF TYPE II RADIO BURSTS. Astrophysical Journal, 2012, 751, 145.	4.5	49
86	A SPATIALLY RESOLVED SSC SHOCK-IN-JET MODEL. International Journal of Modern Physics Conference Series, 2012, 08, 392-395.	0.7	3
87	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
88	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
89	Detection of very-high energyÎ³-ray emission from NGC 1275 by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, L2.	5.1	77
90	Emission of Type II Radio Bursts â€“ Single-Beam Versus Two-Beam Scenario. Solar Physics, 2012, 280, 551-560.	2.5	60

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91	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
92	Morphological and spectral properties of the W51 region measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A13.	5.1	67
93	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
94	DIFFUSION OF ENERGETIC PARTICLES IN TURBULENT MAGNETOHYDRODYNAMIC PLASMAS. Astrophysical Journal, 2012, 750, 150.	4.5	9
95	Performance of the MAGIC stereo system obtained with Crab Nebula data. Astroparticle Physics, 2012, 35, 435-448.	4.3	183
96	The Influence of the Mass Ratio on Particle Acceleration by the Filamentation Instability. , 2012, , 5-13.		7
97	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
98	High zenith angle observations of PKSâ€‰2155-304 with the MAGIC-I telescope. Astronomy and Astrophysics, 2012, 544, A75.	5.1	8
99	Evolution of plasma turbulence excited with particle beams. Astronomy and Astrophysics, 2012, 546, A51.	5.1	6
100	MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21. Astrophysical Journal Letters, 2011, 730, L8.	8.3	277
101	Primary particle acceleration above 100ÂTeV in the shell-type supernova remnant RXÂJ1713.7Ââˆ’Â3946 with deep H.E.S.S. observations (Corrigendum). Astronomy and Astrophysics, 2011, 531, C1.	5.1	20
102	MAGIC Observations and multiwavelength properties of the quasar 3CÂ279 in 2007 and 2009. Astronomy and Astrophysics, 2011, 530, A4.	5.1	68
103	The beaming of external Compton emission. Advances in Space Research, 2011, 48, 1415-1420.	2.6	3
104	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
105	OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE. Astrophysical Journal, 2011, 726, 58.	4.5	31
106	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. Astrophysical Journal, 2011, 727, 129.	4.5	185
107	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. Astrophysical Journal, 2011, 729, 2.	4.5	70
108	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

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109	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131.	4.5	261
110	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. Astrophysical Journal, 2011, 742, 43.	4.5	69
111	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.	5.4	60
112	A SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM SCORPIUS X-1 WITH THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2011, 735, L5.	8.3	9
113	Semi-analytical model of cosmic ray electron transport. Astrophysics and Space Sciences Transactions, 2011, 7, 265-269.	1.0	0
114	Simulation of Charged Particle Diffusion in MHD plasmas. Astrophysics and Space Sciences Transactions, 2011, 7, 21-27.	1.0	8
115	Weak turbulence theory of dispersive waves in the solar corona. Proceedings of the International Astronomical Union, 2010, 6, 133-136.	0.0	0
116	Particle acceleration in Blazars. Proceedings of the International Astronomical Union, 2010, 6, 263-266.	0.0	0
117	Kinetic Simulations of Type II Radio Burst Emission Processes. Proceedings of the International Astronomical Union, 2010, 6, 470-472.	0.0	1
118	MAGIC TeV gamma-ray observations of MarkarianÂ421 during multiwavelength campaigns in 2006. Astronomy and Astrophysics, 2010, 519, A32.	5.1	33
119	MAGIC observation of the GRBâ€‰080430 afterglow. Astronomy and Astrophysics, 2010, 517, A5.	5.1	15
120	SIMPLIFIED MODELS FOR PHOTOHADRONIC INTERACTIONS IN COSMIC ACCELERATORS. Astrophysical Journal, 2010, 721, 630-652.	4.5	117
121	Erratum to â€œObservations of the Sagittarius dwarf galaxy by the HESS experiment and search for a dark matter signalâ€•[Astropart. Phys. 29(1) (2008) 55â€“62]. Astroparticle Physics, 2010, 33, 274-275.	4.3	16
122	Spectral modelling of 1 ES 1218+30.4. Monthly Notices of the Royal Astronomical Society, 2010, 401, 973-976.	4.4	19
123	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
124	Modelling the variability of 1ES1218+30.4. Astronomy and Astrophysics, 2010, 515, A18.	5.1	27
125	Simultaneous multi-frequency observation of the unknown redshift blazar PGâ€‰1553+113 in March-April 2008. Astronomy and Astrophysics, 2010, 515, A76.	5.1	14
126	THE INFLUENCE OF THE MASS RATIO ON THE ACCELERATION OF PARTICLES BY FILAMENTATION INSTABILITIES. Astrophysical Journal, 2010, 720, 1318-1324.	4.5	5

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127	MODELING THE EMISSION FROM BLAZAR JETS: THE CASE OF PKS 2155-304. International Journal of Modern Physics D, 2010, 19, 887-892.	2.1	4
128	Kinetic Simulations of Solar Type II Radio Burst Emission Processes. , 2010, , .		0
129	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
130	SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM PULSAR-PULSAR WIND NEBULA SYSTEMS WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2010, 710, 828-835.	4.5	14
131	MAGIC CONSTRAINTS ON Î³-RAY EMISSION FROM CYGNUS X-3. Astrophysical Journal, 2010, 721, 843-855.	4.5	45
132	MAGIC UPPER LIMITS FOR TWO MILAGRO-DETECTED BRIGHTFERMISOURCES IN THE REGION OF SNR G65.1+0.6. Astrophysical Journal, 2010, 725, 1629-1632.	4.5	4
133	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
134	Modelling the steady state spectral energy distribution of the BL-Lac Object PKS 2155-30.4 using a selfconsistent SSC model. Astrophysics and Space Sciences Transactions, 2010, 6, 1-7.	1.0	17
135	MAGIC observations of PGâ€‰1553+113 during a multiwavelength campaign in July 2006. Astronomy and Astrophysics, 2009, 493, 467-469.	5.1	16
136	Suzaku and Multi-Wavelength Observations of OJ 287 during the Periodic Optical Outburst in 2007. Publication of the Astronomical Society of Japan, 2009, 61, 1011-1022.	2.5	30
137	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	4.5	86
138	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. Astrophysical Journal, 2009, 692, L29-L33.	4.5	52
139	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
140	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
141	SEARCH FOR VHE Î³-RAY EMISSION FROM THE GLOBULAR CLUSTER M13 WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 702, 266-269.	4.5	18
142	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. Astrophysical Journal, 2009, 703, 169-178.	4.5	55
143	DISCOVERY OF VERY HIGH ENERGY Î³-RAYS FROM THE BLAZAR S5 0716+714. Astrophysical Journal, 2009, 704, L129-L133.	4.5	72
144	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. Astrophysical Journal, 2009, 705, 1624-1631.	4.5	44

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145	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
146	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
147	Improving the performance of the single-dish Cherenkov telescope MAGIC through the use of signal timing. Astroparticle Physics, 2009, 30, 293-305.	4.3	98
148	MAGIC upper limits to the VHE gamma-ray flux of 3Câ€‰454.3 in high emission state. Astronomy and Astrophysics, 2009, 498, 83-87.	5.1	15
149	Multiwavelength periodicity study of Markarian 501. Astronomy and Astrophysics, 2009, 501, 925-932.	5.1	4
150	Three-Wave Interactions of Dispersive Plasma Waves Propagating Parallel to the Magnetic Field. Advanced Science Letters, 2009, 2, 337-346.	0.2	4
151	Probing quantum gravity using photons from a flare of the active galactic nucleus Markarian 501 observed by the MAGIC telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 253-257.	4.1	168
152	Observations of the Sagittarius dwarf galaxy by the HESS experiment and search for a dark matter signal. Astroparticle Physics, 2008, 29, 55-62.	4.3	87
153	Implementation of the Random Forest method for the Imaging Atmospheric Cherenkov Telescope MAGIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 424-432.	1.6	146
154	Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. Science, 2008, 320, 1752-1754.	12.6	355
155	Observation of Pulsed Î³-Rays Above 25 GeV from the Crab Pulsar with MAGIC. Science, 2008, 322, 1221-1224.	12.6	173
156	Upper Limit for Î³â€Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. Astrophysical Journal, 2008, 679, 428-431.	4.5	61
157	MAGIC Observations of the Unidentified Î³-Ray Source TeV J2032+4130. Astrophysical Journal, 2008, 675, L25-L28.	4.5	64
158	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. Astrophysical Journal, 2008, 679, 1029-1039.	4.5	72
159	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
160	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
161	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. Astrophysical Journal, 2008, 685, L23-L26.	4.5	84
162	First Bounds on the High-Energy Emission from Isolated Wolf-Rayet Binary Systems. Astrophysical Journal, 2008, 685, L71-L74.	4.5	11

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163	INTEGRAL observations of the blazar Mrk 421 in outburst. Astronomy and Astrophysics, 2008, 486, 721-734.	5.1	35
164	Analytical view of diffusive and convective cosmic ray transport in elliptical galaxies. Astronomy and Astrophysics, 2008, 481, 1-16.	5.1	4
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