Andrzej A Zdziarski

List of Publications by Year
in descending order

353	21,294	11651 70	12946 131
papers	citations	h-index	g-index

360	360	360	10524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Jet Parameters in the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal, 2022, 925, 189.	4.5	15
2	The Composition and Power of the Jet of the Broad-line Radio Galaxy 3C 120. Astrophysical Journal Letters, 2022, 928, L9.	8.3	8
3	The X-ray spectral-timing contribution of the stellar wind in the hard state of Cyg X-1. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2671-2685.	4.4	3
4	Insight-HXMT, NuSTAR, and INTEGRAL Data Show Disk Truncation in the Hard State of the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal, 2022, 928, 11.	4.5	11
5	The Donor of the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal, 2022, 930, 9.	4.5	8
6	Improved Model of X-Ray Emission from Hot Accretion Flows. Astrophysical Journal, 2022, 931, 167.	4.5	1
7	A simple analytical model of magnetic jets. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 515, L17-L22.	3.3	4
8	Does the Disk in the Hard State of XTE J1752â€“223 Extend to the Innermost Stable Circular Orbit?. Astrophysical Journal, 2021, 906, 69.	4.5	15
9	Accretion Geometry in the Hard State of the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal Letters, 2021, 909, L9.	8.3	40
10	Relativistic Reflection in NGC 4151. Astrophysical Journal, 2021, 909, 205.	4.5	6
11	Hybrid Comptonization and Electronâ€“Positron Pair Production in the Black-hole X-Ray Binary MAXI J1820+070. Astrophysical Journal Letters, 2021, 914, L5.	8.3	18
12	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	12.6	86
13	A spectrally stratified hot accretion flow in the hard state of MAXI J1820+070. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2020-2029.	4.4	16
14	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. Space Science Reviews, 2021, 217, 1.	8.1	59
15	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	4.5	10
16	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
17	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. Astrophysical Journal, 2021, 919, 106.	4.5	6
18	The inner flow geometry in MAXI J1820+070 during hard and hard-intermediate states. Astronomy and Astrophysics, 2021, 654, A14.	5.1	36

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19	H.E.S.S. Follow-up Observations of Binary Black Hole Coalescence Events during the Second and Third Gravitational-wave Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2021, 923, 109.	4.5	6
20	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	8.3	9
21	Resolving acceleration to very high energies along the jet of Centaurus A. Nature, 2020, 582, 356-359.	27.8	37
22	Detection of very-high-energy Î³-ray emission from the colliding wind binary Î· Car with H.E.S.S.. Astronomy and Astrophysics, 2020, 635, A167.	5.1	20
23	Distinct Accretion Modes of Cygnus X-1 Revealed from Hard X-Rays. Astrophysical Journal, 2020, 896, 101.	4.5	4
24	Two Major Constraints on the Inner Radii of Accretion Disks. Astrophysical Journal Letters, 2020, 896, L36.	8.3	22
25	Spectral and temporal properties of Compton scattering by mildly relativistic thermal electrons. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5234-5246.	4.4	56
26	H.E.S.S. and Fermi-LAT observations of PSR B1259â€“63/LS 2883 during its 2014 and 2017 periastron passages. Astronomy and Astrophysics, 2020, 633, A102.	5.1	17
27	H.E.S.S. detection of very high-energy Î³-ray emission from the quasar PKS 0736+017. Astronomy and Astrophysics, 2020, 633, A162.	5.1	15
28	Very high energy Î³-ray emission from two blazars of unknown redshift and upper limits on their distance. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5590-5602.	4.4	19
29	Jets in the soft state in CygÂX-3 caused by advection of the donor magnetic field and unification with low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2020, 492, 223-231.	4.4	9
30	Simultaneous observations of the blazar PKS 2155â^'304 from ultra-violet to TeV energies. Astronomy and Astrophysics, 2020, 639, A42.	5.1	7
31	An extreme particle accelerator in the Galactic plane: HESS J1826â^'130. Astronomy and Astrophysics, 2020, 644, A112.	5.1	14
32	The nature of the SchÃ¶nbergâ€“Chandrasekhar limit. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4832-4837.	4.4	4
33	The Persistent Radio Jet Coupled to Hard X-Rays in the Soft State of Cyg X-1. Astrophysical Journal Letters, 2020, 894, L18.	8.3	8
34	Variable jet Lorentz factors can explain soft self-absorbed radio spectra of accreting black holes. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 489, L58-L62.	3.3	1
35	The X-ray binary GXÂ339â€“4/V821ÂAra: the distance, inclination, evolutionary status, and mass transfer. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1026-1034.	4.4	29
36	Upper limits on very-high-energy gamma-ray emission from core-collapse supernovae observed with H.E.S.S.. Astronomy and Astrophysics, 2019, 626, A57.	5.1	9

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37	Comparison of spectral models for disc truncation in the hard state of GX 339â€“4. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3845-3856.	4.4	22
38	The effect of adiabatic losses on spectra of stationary jets and the origin of soft radio spectra of accreting black hole sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1210-1219.	4.4	9
39	Multi-wavelength torusâ€“jet model for Sagittarius A*. Astronomy and Astrophysics, 2019, 624, A52.	5.1	5
40	H.E.S.S. observations of the flaring gravitationally lensed galaxy PKSÂ1830â€“211. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3886-3891.	4.4	5
41	Improved spectral models for relativistic reflection. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2942-2955.	4.4	34
42	Radiative Properties of Magnetically Arrested Disks. Astrophysical Journal, 2019, 887, 167.	4.5	17
43	H.E.S.S. andSuzakuobservations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	5.1	15
44	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	27.8	166
45	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE Î³-ray observations with H.E.S.S.. Astronomy and Astrophysics, 2019, 627, A159.	5.1	32
46	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	50
47	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	27
48	The enhanced X-ray Timing and Polarimetry missionâ€”eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	178
49	Particle transport within the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2019, 621, A116.	5.1	57
50	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
51	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
52	Non-conservative mass transfer in stellar evolution and the case of V404 Cyg/GS 2023+338. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1580-1586.	4.4	16
53	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. Astronomy and Astrophysics, 2018, 612, A2.	5.1	117
54	Doughnut strikes sandwich: the geometry of hot medium in accreting black hole X-ray binaries. Astronomy and Astrophysics, 2018, 614, A79.	5.1	48

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55	The Î³-ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 619, A71.	5.1	28
56	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
57	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
58	Correlations between radio and bolometric fluxes in GX 339â€“4 and H1743â€“322. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4513-4521.	4.4	19
59	Extended VHEÎ³-ray emission towards SGR1806â˜’20, LBV 1806â˜’20, and stellar cluster Cl* 1806â˜’20. Astronomy and Astrophysics, 2018, 612, A11.	5.1	12
60	H.E.S.S. observations of RX J1713.7â˜’3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. Astronomy and Astrophysics, 2018, 612, A6.	5.1	95
61	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 612, A5.	5.1	35
62	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 617, A73.	5.1	41
63	First ground-based measurement of sub-20 GeV to 100 GeV Î³-Rays from the Vela pulsar with H.E.S.S. II. Astronomy and Astrophysics, 2018, 620, A66.	5.1	32
64	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. Astronomy and Astrophysics, 2018, 612, A4.	5.1	24
65	Signatures of the Diskâ€“Jet Coupling in the Broad-line Radio Quasar 4C+74.26. Astrophysical Journal, 2018, 866, 132.	4.5	11
66	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A9.	5.1	52
67	HESS J1741â˜’302: a hidden accelerator in the Galactic plane. Astronomy and Astrophysics, 2018, 612, A13.	5.1	4
68	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
69	The lamppost model: effects of photon trapping, the bottom lamp, and disc truncation. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4269-4273.	4.4	13
70	Detection of variable VHE Î³-ray emission from the extra-galactic Î³-ray binary LMC P3. Astronomy and Astrophysics, 2018, 610, L17.	5.1	12
71	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	5.1	244
72	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654

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73	A comprehensive study of high-energy gamma-ray and radio emission from Cyg X-3. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4399-4415.	4.4	35
74	The large area detector onboard the eXTP mission. , 2018, , .		9
75	Characterizing the Î³-ray long-term variability of PKSâ€‰2155âˆ’304 with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2017, 598, A39.	5.1	33
76	The mass, luminosity and mass-loss rate of the donor of the V1487 Aql/GRS 1915+105 binary system. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3315-3321.	4.4	5
77	Evolution of the reverberation lag in GX 339â€“4 at the end of an outburst. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1475-1487.	4.4	46
78	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
79	ASuzaku,NuSTAR,andXMM-Newtonview on variable absorption and relativistic reflection in NGC 4151. Astronomy and Astrophysics, 2017, 603, A50.	5.1	26
80	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKSâ€‰2155âˆ’304 and PGâ€‰1553+113. Astronomy and Astrophysics, 2017, 600, A89.	5.1	29
81	The power and production efficiency of blazar jets. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3506-3514.	4.4	35
82	Analysis of NuSTAR and Suzaku observations of Cyg X-1 in the hard state: evidence for a truncated disc geometry. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4220-4232.	4.4	53
83	High-energy gamma-rays from Cyg X-1. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3657-3667.	4.4	35
84	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
85	ON THE LAMPPOST MODEL OF ACCRETING BLACK HOLES. Astrophysical Journal Letters, 2016, 821, L1.	8.3	44
86	Bernoulli equation and the nonexistence of maximal jets. Astronomy and Astrophysics, 2016, 586, A18.	5.1	4
87	IGR J17451â€“3022: constraints on the nature of the donor star. Astronomy and Astrophysics, 2016, 595, A52.	5.1	9
88	X-ray-binary spectra in the lamp post model. Astronomy and Astrophysics, 2016, 590, A132.	5.1	13
89	A luminous hot accretion flow in the low-luminosity active galactic nucleus NGC 7213. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2287-2295.	4.4	14
90	Anisotropy of partially self-absorbed jets and the jet of CygÂX-1. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1153-1161.	4.4	11

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91	Glancing through the accretion column of EXO 2030+375. Astronomy and Astrophysics, 2016, 593, A105.	5.1	10
92	IGRâ€‰J17451â€“3022: A dipping and eclipsing low mass X-ray binary. Astronomy and Astrophysics, 2016, 589, A42.	5.1	13
93	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
94	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
95	Spectral analysis of theXMMâ€“Newtondata of GX 339â€“4 in the low/hard state: disc truncation and reflection. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2199-2214.	4.4	53
96	A comprehensive analysis of the hard X-ray spectra of bright Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2454-2475.	4.4	53
97	The radio/X-ray correlation in Cyg X-3 and the nature of its hard spectral state. Monthly Notices of the Royal Astronomical Society, 2016, 456, 775-789.	4.4	19
98	Formation of recollimation shocks in jets of high-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3638-3644.	4.4	18
99	The high-energy gamma-ray detection of G73.9+0.9, a supernova remnant interacting with a molecular cloud. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1451-1458.	4.4	11
100	Core shifts, magnetic fields and magnetization of extragalactic jets. Monthly Notices of the Royal Astronomical Society, 2015, 451, 927-935.	4.4	63
101	A magnetized torus for modeling Sagittarius A^{âˆ—}millimeter images and spectra. Astronomy and Astrophysics, 2015, 574, A48.	5.1	23
102	Discovery of variable VHEÎ³-ray emission from the binary system 1FGLâ€‰J1018.6â€“5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28
103	The high-energyÎ³-ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
104	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50
105	Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the MilkyÂWay Center with H.E.S.S.. Physical Review Letters, 2015, 114, 081301.	7.8	36
106	Correlation between the photon index and X-ray luminosity of black hole X-ray binaries and active galactic nuclei: observations and interpretation. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1692-1704.	4.4	103
107	Hadronic models of blazars require a change of the accretion paradigm. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 450, L21-L25.	3.3	74
108	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. Astronomy and Astrophysics, 2015, 575, A81.	5.1	20

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109	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. Astronomy and Astrophysics, 2015, 574, A100.	5.1	20
110	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud(Corrigendum). Astronomy and Astrophysics, 2015, 580, C1.	5.1	0
111	DISCOVERY OF THE HARD SPECTRUM VHE Î³-RAY SOURCE HESS J1641â€“463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
112	Jet contributions to the broad-band spectrum of Cyg X-1 in the hard state. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3243-3255.	4.4	55
113	The jet kinetic power, distance and inclination of GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1113-1118.	4.4	15
114	Jet models for black hole binaries in the hard spectral state. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2238-2254.	4.4	35
115	HESS J1640-465 - an exceptionally luminous TeV Â-ray supernova remnant. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2828-2836.	4.4	27
116	Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2. Monthly Notices of the Royal Astronomical Society, 2014, 446, 1163-1169.	4.4	14
117	The minimum jet power and equipartition. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1321-1330.	4.4	17
118	TeV Â-ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. Monthly Notices of the Royal Astronomical Society, 2014, 441, 790-799.	4.4	18
119	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. Astronomy and Astrophysics, 2014, 562, L4.	5.1	43
120	Search for extendedÎ³-ray emission around AGN with H.E.S.S. andFermi-LAT. Astronomy and Astrophysics, 2014, 562, A145.	5.1	49
121	HESSâ€‰J1818â€“154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. Astronomy and Astrophysics, 2014, 562, A40.	5.1	11
122	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004â˜’2011. Astronomy and Astrophysics, 2014, 564, A9.	5.1	44
123	Long-term monitoring of PKSâ€‰2155â˜’304 with ATOM and H.E.S.S.: investigation of optical/Î³-ray correlations in different spectral states. Astronomy and Astrophysics, 2014, 571, A39.	5.1	24
124	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. Astronomy and Astrophysics, 2014, 565, A16.	5.1	174
125	H.E.S.S. discovery of VHEÎ³-rays from the quasar PKSâ€‰1510â˜’089. Astronomy and Astrophysics, 2013, 554, A107.	5.1	73
126	Compton scattering of blackbody photons by relativistic electrons. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2950-2955.	4.4	10

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127	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2155</mml:mn><mml:mo>â^'</mml:mo><mml:mn>304</mml:mn></mml:math>energy spectrum. Physical Review D, 2013, 88, .	4.7	112
128	Gamma-Light: High-Energy Astrophysics above 10 MeV. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 193-198.	0.4	18
129	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. Physical Review Letters, 2013, 110, 041301.	7.8	176
130	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. Astronomy and Astrophysics, 2013, 550, A4.	5.1	139
131	HESS and Fermi-LAT discovery of Î³-rays from the blazar 1ESÂ1312â^'423. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1889-1901.	4.4	32
132	Cyg X-3: a low-mass black hole or a neutron star. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L104-L108.	3.3	71
133	High-energy gamma-ray emission from Cyg X-1 measured by Fermi and its theoretical implications. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2380-2389.	4.4	60
134	CYG X-3: A GALACTIC DOUBLE BLACK HOLE OR BLACK-HOLE-NEUTRON-STAR PROGENITOR. Astrophysical Journal, 2013, 764, 96.	4.5	49
135	Search for very-high-energyÎ³-ray emission from Galactic globular clusters with H.E.S.S.. Astronomy and Astrophysics, 2013, 551, A26.	5.1	16
136	Discovery of very high energyÎ³-ray emission from the BLâ€‰Lacertae object PKSâ€‰0301â^'243 with H.E.S.S.. Astronomy and Astrophysics, 2013, 559, A136.	5.1	26
137	Discovery of TeVÎ³-ray emission from PKSâ€‰0447-439 and derivation of an upper limit on its redshift. Astronomy and Astrophysics, 2013, 552, A118.	5.1	32
138	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. Astronomy and Astrophysics, 2013, 551, A94.	5.1	34
139	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9â€“185406. Astronomy and Astrophysics, 2013, 554, A72.	5.1	18
140	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
141	Discovery of hard-spectrumÎ³-ray emission from the BLÂLacertae object 1ESâ€‰0414+009. Astronomy and Astrophysics, 2012, 538, A103.	5.1	45
142	Identification of HESSÂJ1303â^'631 as a pulsar wind nebula throughÎ³-ray, X-ray, and radio observations. Astronomy and Astrophysics, 2012, 548, A46.	5.1	25
143	Probing the extent of the non-thermal emission from the VelaÂX region at TeV energies with H.E.S.S.. Astronomy and Astrophysics, 2012, 548, A38.	5.1	74
144	SPECTRAL ANALYSIS AND INTERPRETATION OF THE Î³-RAY EMISSION FROM THE STARBURST GALAXY NGC 253. Astrophysical Journal, 2012, 757, 158.	4.5	61

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145	Energy-dependent orbital modulation of X-rays and constraints on emission of the jet in Cyg X-3. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1031-1042.	4.4	25
146	GRIPS - Gamma-Ray Imaging, Polarimetry and Spectroscopy. Experimental Astronomy, 2012, 34, 551-582.	3.7	48
147	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESSâ€‰J1018â€“589. Astronomy and Astrophysics, 2012, 541, A5.	5.1	28
148	Discovery of VHEÎ³-ray emission and multi-wavelength observations of the BLÂLacertae object 1RXSâ€‰J101015.9Ââ^'Â311909. Astronomy and Astrophysics, 2012, 542, A94.	5.1	29
149	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. Astronomy and Astrophysics, 2012, 545, A103.	5.1	6
150	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula Nâ€‰157B with H.E.S.S.. Astronomy and Astrophysics, 2012, 545, L2.	5.1	23
151	General relativistic model of hot accretion flows with global Compton cooling. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1195-1206.	4.4	23
152	The gamma-ray emitting region of the jet in Cyg X-3. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2956-2968.	4.4	40
153	The structure of the jet in Cyg X-1 inferred from orbital modulation of the radio emission. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1750-1760.	4.4	29
154	The MeV spectral tail in Cyg X-1 and optically thin emission of jets. Monthly Notices of the Royal Astronomical Society, 2012, 423, 663-675.	4.4	61
155	HESS observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae. Monthly Notices of the Royal Astronomical Society, 2012, 424, 128-135.	4.4	17
156	A multiwavelength view of the flaring state of PKSÂ2155-304 in 2006. Astronomy and Astrophysics, 2012, 539, A149.	5.1	48
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