Christopher van Eldik

List of Publications by Year
in descending order

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206	18,715	16451 64	12272 133
papers	citations	h-index	g-index

210	210	210	13128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. Nature Astronomy, 2020, 4, 167-173.	10.1	25
2	Search for dark matter signals towards a selection of recently detected DES dwarf galaxy satellites of the MilkyÂWay with H.E.S.S.. Physical Review D, 2020, 102, .	4.7	28
3	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	8.3	9
4	Resolving acceleration to very high energies along the jet of Centaurus A. Nature, 2020, 582, 356-359.	27.8	37
5	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
6	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
7	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
8	Simultaneous observations of the blazar PKS 2155â˜’304 from ultra-violet to TeV energies. Astronomy and Astrophysics, 2020, 639, A42.	5.1	7
9	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
10	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
11	H.E.S.S. andSuzakuobservations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	5.1	15
12	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	27.8	166
13	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
14	Particle transport within the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2019, 621, A116.	5.1	57
15	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
16	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
17	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
18	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. Astronomy and Astrophysics, 2018, 612, A12.	5.1	13

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19	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
20	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
21	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
22	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
23	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 617, A73.	5.1	41
24	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
25	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. Astronomy and Astrophysics, 2018, 612, A4.	5.1	24
26	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
27	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
28	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
29	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
30	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. Astronomy and Astrophysics, 2018, 612, A14.	5.1	23
31	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	5.1	244
32	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
33	Characterizing the Î³-ray long-term variability of PKSâ€‰2155â˜’304 with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2017, 598, A39.	5.1	33
34	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7â˜’3946. Astrophysical Journal, 2017, 840, 74.	4.5	14
35	A pointing solution for the medium size telescopes for the Cherenkov telescope array. AIP Conference Proceedings, 2017, , .	0.4	1
36	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805

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37	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. Astronomy and Astrophysics, 2017, 597, A115.	5.1	6
38	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
39	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
40	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
41	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
42	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
43	Acceleration of petaelectronvolt protons in the Galactic Centre. Nature, 2016, 531, 476-479.	27.8	326
44	Observations of the Crab Nebula with H.E.S.S. phase II. , 2016, , .		12
45	Studies towards an understanding of global array pointing for the Cherenkov Telescope Array. , 2016, , .		0
46	Statistical biases of spectral analysis with the ON-OFF likelihood statistic. , 2016, , .		0
47	Calibration of the Cherenkov Telescope Array. , 2016, , .		0
48	Discovery of variable VHEÎ³-ray emission from the binary system 1FGLâ€‰J1018.6â€“5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28
49	The high-energyÎ³-ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
50	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50
51	The exceptionally powerful TeV Î³-ray emitters in the Large Magellanic Cloud. Science, 2015, 347, 406-412.	12.6	111
52	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
53	Gamma rays from the Galactic Centre region: A review. Astroparticle Physics, 2015, 71, 45-70.	4.3	25
54	Gamma rays from the Galactic Centre region. Comptes Rendus Physique, 2015, 16, 686-703.	0.9	5

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55	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	4.3	7
56	Probing the gamma-ray emission from HESS J1834â€“087 using H.E.S.S. andFermiLAT observations. Astronomy and Astrophysics, 2015, 574, A27.	5.1	24
57	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
58	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
59	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
60	Diffuse Galactic gamma-ray emission with H.E.S.S.. Physical Review D, 2014, 90, .	4.7	69
61	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. Physical Review D, 2014, 90, .	4.7	76
62	DISCOVERY OF THE HARD SPECTRUM VHE Î³-RAY SOURCE HESS J1641â€“463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
63	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
64	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
65	Deflectometric measurement of large mirrors. Advanced Optical Technologies, 2014, 3, 335-343.	1.7	10
66	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. Astrophysical Journal, 2014, 780, 168.	4.5	39
67	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
68	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
69	Search for extendedÎ³-ray emission around AGN with H.E.S.S. andFermi-LAT. Astronomy and Astrophysics, 2014, 562, A145.	5.1	49
70	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
71	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004â€’2011. Astronomy and Astrophysics, 2014, 564, A9.	5.1	44
72	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

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73	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
74	Calibration strategies for the Cherenkov Telescope Array. Proceedings of SPIE, 2014, , .	0.8	9
75	H.E.S.S. discovery of VHEÎ³-rays from the quasar PKSâ€‰1510â˜’089. Astronomy and Astrophysics, 2013, 554, A107.	5.1	73
76	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
77	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
78	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. Physical Review Letters, 2013, 110, 041301.	7.8	176
79	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
80	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
81	Status of the technologies for the production of the Cherenkov Telescope Array (CTA) mirrors. , 2013, , .		8
82	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
83	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
84	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
85	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
86	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
87	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
88	Search for photon line-like signatures from Dark Matter annihilations with H.E.S.S.. , 2012, , .		0
89	Discovery of hard-spectrumÎ³-ray emission from the BLÂLacertae object 1ESâ€‰0414+009. Astronomy and Astrophysics, 2012, 538, A103.	5.1	45
90	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

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91	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
92	SPECTRAL ANALYSIS AND INTERPRETATION OF THE Î³-RAY EMISSION FROM THE STARBURST GALAXY NGC 253. Astrophysical Journal, 2012, 757, 158.	4.5	61
93	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
94	Discovery of VHEÎ³-ray emission and multi-wavelength observations of the BLÂLacertae object 1RXSâ€‰J101015.9Ââˆ’Â311909. Astronomy and Astrophysics, 2012, 542, A94.	5.1	29
95	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
96	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
97	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
98	A multiwavelength view of the flaring state of PKSÂ2155-304 in 2006. Astronomy and Astrophysics, 2012, 539, A149.	5.1	48
99	Discovery of extended VHEÎ³-ray emission from the vicinity of the young massive stellar cluster WesterlundÂ1. Astronomy and Astrophysics, 2012, 537, A114.	5.1	76
100	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. Astrophysical Journal, 2012, 750, 123.	4.5	57
101	Detection of very-high-energyÎ³-ray emission from the vicinity of PSRâ€‰B1706â€“44 and Gâ€‰343.1â€“2.3 with H.E.S.S.. Astronomy and Astrophysics, 2011, 528, A143.	5.1	19
102	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster TerzanÂ5. Astronomy and Astrophysics, 2011, 531, L18.	5.1	40
103	Discovery of the source HESSÂJ1356-645 associated with the young and energetic PSRÂJ1357-6429. Astronomy and Astrophysics, 2011, 533, A103.	5.1	33
104	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
105	Revisiting the WesterlundÂ2 field with the HESS telescope array. Astronomy and Astrophysics, 2011, 525, A46.	5.1	52
106	Discovery and follow-up studies of the extended, off-plane, VHE gamma-ray source HESS J1507-622. Astronomy and Astrophysics, 2011, 525, A45.	5.1	23
107	A new SNR with TeV shell-type morphology: HESS J1731-347. Astronomy and Astrophysics, 2011, 531, A81.	5.1	77
108	Simultaneous multi-wavelength campaign on PKSÂ2005-489 in a high state. Astronomy and Astrophysics, 2011, 533, A110.	5.1	18

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109	HESSÂJ1943+213: a candidate extreme BL Lacertae object. Astronomy and Astrophysics, 2011, 529, A49.	5.1	31
110	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. Astrophysical Journal, 2011, 735, 12.	4.5	34
111	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
112	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. Astroparticle Physics, 2011, 34, 608-616.	4.3	74
113	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. Astroparticle Physics, 2011, 34, 738-747.	4.3	94
114	Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.. Physical Review Letters, 2011, 106, 161301.	7.8	209
115	Multi-wavelength observations of Hâ€‰2356â€“309. Astronomy and Astrophysics, 2010, 516, A56.	5.1	37
116	VHEÎ³-ray emission of PKSâ€‰2155â€“304: spectral and temporal variability. Astronomy and Astrophysics, 2010, 520, A83.	5.1	88
117	First detection of VHEÎ³-rays from SNÂ1006 by HESS. Astronomy and Astrophysics, 2010, 516, A62.	5.1	139
118	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
119	Localizing the VHE Î³-ray source at the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1877-1882.	4.4	55
120	Discovery of VHEÎ³-rays from the BL Lacertae object PKSâ€‰0548â€“322. Astronomy and Astrophysics, 2010, 521, A69.	5.1	30
121	PKSâ€‰2005-489 at VHE: four years of monitoring with HESS andÂsimultaneous multi-wavelength observations. Astronomy and Astrophysics, 2010, 511, A52.	5.1	34
122	A SEARCH FOR A DARK MATTER ANNIHILATION SIGNAL TOWARD THE CANIS MAJOR OVERDENSITY WITH H.E.S.S.. Astrophysical Journal, 2009, 691, 175-181.	4.5	38
123	HESS observations ofÎ³-ray bursts in 2003â€“2007. Astronomy and Astrophysics, 2009, 495, 505-512.	5.1	46
124	Detection of very high energy radiation from HESSÂJ1908+063 confirms the Milagro unidentified source MGROÂJ1908+06. Astronomy and Astrophysics, 2009, 499, 723-728.	5.1	55
125	SIMULTANEOUS OBSERVATIONS OF PKS 2155â€“304 WITH HESS, FERMI , RXTE , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. Astrophysical Journal, 2009, 696, L150-L155.	4.5	144
126	Simultaneous multiwavelength observations of the second exceptionalÎ³-ray flare of PKS 2155â€“304 in July 2006. Astronomy and Astrophysics, 2009, 502, 749-770.	5.1	95

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127	Spectrum and variability of the Galactic center VHE Î³-ray source HESS J1745â€“290. Astronomy and Astrophysics, 2009, 503, 817-825.	5.1	99
128	Very high energy Î³-ray observations of the binary PSRâ€‰B1259â€“63/SS2883 around the 2007 Periastron. Astronomy and Astrophysics, 2009, 507, 389-396.	5.1	70
129	Production of the charmonium states <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> in proton nucleus interactions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">. Physical Review D, 2009, 79, .	4.7	21
130	Detection of Gamma Rays from a Starburst Galaxy. Science, 2009, 326, 1080-1082.	12.6	172
131	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
132	Capability of Cherenkov telescopes to observe ultra-fast optical flares. Astroparticle Physics, 2009, 31, 156-162.	4.3	12
133	Î³/hadron separation in very-high-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si34.gif" overflow="scroll"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>-ray astronomy using a multivariate analysis method. Astroparticle Physics, 2009, 31, 383-391.	4.3	111
134	Angular distributions of leptons from J/Ïˆ produced in 920ÂGeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	3.9	32
135	Kinematic distributions and nuclear effects of J/Ïˆ production inÂ920ÂGeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	3.9	64
136	V0 production in p+A collisions at $sqrt{s}=41.6$ ÂGeV. European Physical Journal C, 2009, 61, 207-221.	3.9	3
137	DISCOVERY OF VERY HIGH ENERGY Î³-RAY EMISSION FROM CENTAURUS A WITH H.E.S.S.. Astrophysical Journal, 2009, 695, L40-L44.	4.5	177
138	HESS OBSERVATIONS OF THE PROMPT AND AFTERGLOW PHASES OF GRB 060602B. Astrophysical Journal, 2009, 690, 1068-1073.	4.5	27
139	DISCOVERY OF GAMMA-RAY EMISSION FROM THE SHELL-TYPE SUPERNOVA REMNANT RCW 86 WITH HESS. Astrophysical Journal, 2009, 692, 1500-1505.	4.5	96
140	Probing the ATIC peak in the cosmic-ray electron spectrum withÂH.E.S.S.. Astronomy and Astrophysics, 2009, 508, 561-564.	5.1	396
141	HESS upper limit on the very high energyÎ³-ray emission from the globular cluster 47ÂTucanae. Astronomy and Astrophysics, 2009, 499, 273-277.	5.1	23
142	Constraints on the multi-TeV particle population in the Coma galaxy cluster with HESS observations. Astronomy and Astrophysics, 2009, 502, 437-443.	5.1	67
143	HESS upper limits on very high energy gamma-ray emission from the microquasar GRSÂ1915+105. Astronomy and Astrophysics, 2009, 508, 1135-1140.	5.1	15
144	Very high energy gamma-ray observations of the galaxy clusters AbellÂ496 and AbellÂ85 with HESS. Astronomy and Astrophysics, 2009, 495, 27-35.	5.1	49

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145	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
146	The H.E.S.S. view of the Galactic Centre region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 72-75.	1.6	1
147	Search for gamma rays from dark matter annihilations around intermediate mass black holes with the HESS experiment. Physical Review D, 2008, 78, .	4.7	22
148	Energy Spectrum of Cosmic-Ray Electrons at TeV Energies. Physical Review Letters, 2008, 101, 261104.	7.8	516
149	Limits on an Energy Dependence of the Speed of Light from a Flare of the Active Galaxy PKS 2155-304. Physical Review Letters, 2008, 101, 170402.	7.8	95
150	Very High Energy Î³-ray Observations of the Galactic Centre Region. , 2008, , .		1
151	Time-dependent absorption of very high-energy gamma-rays from the Galactic center by pair-production. , 2008, , .		0
152	Localising the HESS galactic centre point source. Journal of Physics: Conference Series, 2008, 110, 062003.	0.4	9
153	Simultaneous HESS and Chandra observations of SagitariusÂA^{star} during an X-ray flare. Astronomy and Astrophysics, 2008, 492, L25-L28.	5.1	26
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