Fontaine, G R

List of Publications by Year
in descending order

292 papers	27,601 citations	5268 83 h-index	6471 157 g-index
296 all docs	296 docs citations	296 times ranked	14465 citing authors

#	Article	IF	Citations
1	Time-resolved hadronic particle acceleration in the recurrent nova RSÂOphiuchi. Science, 2022, 376, 77-80.	12.6	35
2	Evidence for Î³-ray emission from the remnant of Keplerâ€™s supernova based on deep H.E.S.S. observations. Astronomy and Astrophysics, 2022, 662, A65.	5.1	4
3	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 057-057.	5.4	46
4	Sensitivity of the Cherenkov Telescope Array for probing cosmology and fundamental physics with gamma-ray propagation. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 048-048.	5.4	41
5	H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy Î³-ray flare in PKS 1510â^'089 in May 2016. Astronomy and Astrophysics, 2021, 648, A23.	5.1	18
6	Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.. Physical Review D, 2021, 103, .	4.7	13
7	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	12.6	86
8	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	4.5	10
9	LMC N132D: A mature supernova remnant with a power-law gamma-ray spectrum extending beyond 8 TeV. Astronomy and Astrophysics, 2021, 655, A7.	5.1	6
10	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
11	Evidence of 100 TeV Î³-ray emission from HESS J1702-420: A new PeVatron candidate. Astronomy and Astrophysics, 2021, 653, A152.	5.1	19
12	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
13	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
14	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. Nature Astronomy, 2020, 4, 167-173.	10.1	25
15	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
16	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	8.3	9
17	Resolving acceleration to very high energies along the jet of Centaurus A. Nature, 2020, 582, 356-359.	27.8	37
18	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

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19	A NECTAr-based upgrade for the Cherenkov cameras of the H.E.S.S. 12-meter telescopes. Astroparticle Physics, 2020, 118, 102425.	4.3	20
20	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
21	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
22	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
23	Simultaneous observations of the blazar PKS 2155â^'304 from ultra-violet to TeV energies. Astronomy and Astrophysics, 2020, 639, A42.	5.1	7
24	An extreme particle accelerator in the Galactic plane: HESS J1826â^'130. Astronomy and Astrophysics, 2020, 644, A112.	5.1	14
25	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
26	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
27	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	4.3	35
28	H.E.S.S. andSuzakuobservations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	5.1	15
29	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	27.8	166
30	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
31	Particle transport within the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2019, 621, A116.	5.1	57
32	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
33	Introduction to CTA Science. , 2019, , 1-25.		0
34	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
35	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
36	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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37	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
38	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
39	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
40	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
41	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
42	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
43	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 612, A5.	5.1	35
44	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 617, A73.	5.1	41
45	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
46	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. Astronomy and Astrophysics, 2018, 612, A4.	5.1	24
47	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
48	HESS J1741â˜’302: a hidden accelerator in the Galactic plane. Astronomy and Astrophysics, 2018, 612, A13.	5.1	4
49	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
50	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
51	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
52	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
53	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. Astronomy and Astrophysics, 2018, 612, A14.	5.1	23
54	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	5.1	244

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55	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
56	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
57	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7âˆ’3946. Astrophysical Journal, 2017, 840, 74.	4.5	14
58	The upgrade of the H.E.S.S. cameras. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 876, 35-38.	1.6	6
59	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
60	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
61	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
62	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
63	The upgrade of the H.E.S.S. cameras. AIP Conference Proceedings, 2017, , .	0.4	0
64	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
65	A Major Upgrade of the H.E.S.S. Cherenkov Cameras. EPJ Web of Conferences, 2017, 136, 03002.	0.3	1
66	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
67	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
68	Upgraded cameras for the HESS imaging atmospheric Cherenkov telescopes. , 2016, , .		0
69	Acceleration of petaelectronvolt protons in the Galactic Centre. Nature, 2016, 531, 476-479.	27.8	326
70	Discovery of variable VHEÎ³-ray emission from the binary system 1FGLâ€‰J1018.6â€“5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28
71	The high-energyÎ³-ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
72	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50

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73	The exceptionally powerful TeV Î³-ray emitters in the Large Magellanic Cloud. Science, 2015, 347, 406-412.	12.6	111
74	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
75	Introduction to high-energy gamma-ray astronomy. Comptes Rendus Physique, 2015, 16, 587-599.	0.9	19
76	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	4.3	7
77	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
78	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
79	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
80	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
81	Diffuse Galactic gamma-ray emission with H.E.S.S.. Physical Review D, 2014, 90, .	4.7	69
82	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. Physical Review D, 2014, 90, .	4.7	76
83	DISCOVERY OF THE HARD SPECTRUM VHE Î³-RAY SOURCE HESS J1641â€“463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
84	Status of the NectarCAM camera project. , 2014, , .		2
85	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
86	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
87	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. Astrophysical Journal, 2014, 780, 168.	4.5	39
88	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
89	The camera of the fifth H.E.S.S. telescope. Part I: System description. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 761, 46-57.	1.6	24
90	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

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91	Search for extendedÎ³-ray emission around AGN with H.E.S.S. andFermi-LAT. Astronomy and Astrophysics, 2014, 562, A145.	5.1	49
92	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
93	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004â^'2011. Astronomy and Astrophysics, 2014, 564, A9.	5.1	44
94	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
95	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
96	H.E.S.S. discovery of VHEÎ³-rays from the quasar PKSâ€‰1510â^'089. Astronomy and Astrophysics, 2013, 554, A107.	5.1	73
97	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
98	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
99	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. Physical Review Letters, 2013, 110, 041301.	7.8	176
100	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
101	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
102	Tracking Louis Leprince-Ringuetâ€™s contributions to cosmic-ray physics. Physics Today, 2013, 66, 8-8.	0.3	0
103	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
104	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
105	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
106	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
107	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
108	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

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109	Discovery of hard-spectrumÎ³-ray emission from the BLÂLacertae object 1ESâ€‰0414+009. Astronomy and Astrophysics, 2012, 538, A103.	5.1	45
110	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
111	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
112	SPECTRAL ANALYSIS AND INTERPRETATION OF THE Î³-RAY EMISSION FROM THE STARBURST GALAXY NGC 253. Astrophysical Journal, 2012, 757, 158.	4.5	61
113	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
114	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
115	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
116	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
117	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
118	A multiwavelength view of the flaring state of PKSÂ2155-304 in 2006. Astronomy and Astrophysics, 2012, 539, A149.	5.1	48
119	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
120	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. Astrophysical Journal, 2012, 750, 123.	4.5	57
121	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
122	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster TerzanÂ5. Astronomy and Astrophysics, 2011, 531, L18.	5.1	40
123	Discovery of the source HESSÂJ1356-645 associated with the young and energetic PSRÂJ1357-6429. Astronomy and Astrophysics, 2011, 533, A103.	5.1	33
124	Primary particle acceleration above 100ÂTeV in the shell-type supernova remnant RXÂJ1713.7Ââ^'Â3946 with deep H.E.S.S. observations (Corrigendum). Astronomy and Astrophysics, 2011, 531, C1.	5.1	20
125	Revisiting the WesterlundÂ2 field with the HESS telescope array. Astronomy and Astrophysics, 2011, 525, A46.	5.1	52
126	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

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127	A new SNR with TeV shell-type morphology: HESS J1731-347. Astronomy and Astrophysics, 2011, 531, A81.	5.1	77
128	Simultaneous multi-wavelength campaign on PKSÂ2005-489 in a high state. Astronomy and Astrophysics, 2011, 533, A110.	5.1	18
129	HESSÂJ1943+213: a candidate extreme BL Lacertae object. Astronomy and Astrophysics, 2011, 529, A49.	5.1	31
130	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
131	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
132	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
133	The topological second-level trigger of the HESS phase 2 telescope. Astroparticle Physics, 2011, 34, 568-574.	4.3	3
134	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
135	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
136	Multi-wavelength observations of Hâ€‰2356â€“309. Astronomy and Astrophysics, 2010, 516, A56.	5.1	37
137	VHEÎ³-ray emission of PKSâ€‰2155â€“304: spectral and temporal variability. Astronomy and Astrophysics, 2010, 520, A83.	5.1	88
138	First detection of VHEÎ³-rays from SNÂ1006 by HESS. Astronomy and Astrophysics, 2010, 516, A62.	5.1	139
139	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
140	Localizing the VHE Î³-ray source at the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1877-1882.	4.4	55
141	Discovery of VHEÎ³-rays from the BL Lacertae object PKSâ€‰0548â€“322. Astronomy and Astrophysics, 2010, 521, A69.	5.1	30
142	PKSâ€‰2005-489 at VHE: four years of monitoring with HESS andÂsimultaneous multi-wavelength observations. Astronomy and Astrophysics, 2010, 511, A52.	5.1	34
143	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
144	HESS observations ofÎ³-ray bursts in 2003â€“2007. Astronomy and Astrophysics, 2009, 495, 505-512.	5.1	46

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145	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
146	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
147	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
148	Spectrum and variability of the Galactic center VHE Î³-ray source HESS J1745â€“290. Astronomy and Astrophysics, 2009, 503, 817-825.	5.1	99
149	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
150	Detection of Gamma Rays from a Starburst Galaxy. Science, 2009, 326, 1080-1082.	12.6	172
151	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
152	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
153	HESS OBSERVATIONS OF THE PROMPT AND AFTERGLOW PHASES OF GRB 060602B. Astrophysical Journal, 2009, 690, 1068-1073.	4.5	27
154	DISCOVERY OF GAMMA-RAY EMISSION FROM THE SHELL-TYPE SUPERNOVA REMNANT RCW 86 WITH HESS. Astrophysical Journal, 2009, 692, 1500-1505.	4.5	96
155	Probing the ATIC peak in the cosmic-ray electron spectrum withÂH.E.S.S.. Astronomy and Astrophysics, 2009, 508, 561-564.	5.1	396
156	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
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