Sabrina Casanova

List of Publications by Year
in descending order

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217	10,298	41344	39675
papers	citations	49 h-index	94 g-index

223	223	223	7212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. Astrophysical Journal, 2022, 928, 116.	4.5	6
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	Long-term Spectra of the Blazars Mrk 421 and Mrk 501 at TeV Energies Seen by HAWC. Astrophysical Journal, 2022, 929, 125.	4.5	8
4	Gamma/hadron separation with the HAWC observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 166984.	1.6	3
5	Probing the Extragalactic Mid-infrared Background with HAWC. Astrophysical Journal, 2022, 933, 223.	4.5	0
6	Probing the Cosmic-Ray Density in the Inner Galaxy. Astrophysical Journal Letters, 2021, 907, L11.	8.3	15
7	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
8	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2021, 907, 67.	4.5	13
9	Evidence of 200 TeV Photons from HAWC J1825-134. Astrophysical Journal Letters, 2021, 907, L30.	8.3	34
10	On particle acceleration and transport in plasmas in the Galaxy: theory and observations. Journal of Plasma Physics, 2021, 87, .	2.1	20
11	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
12	Fair Weather Neutron Bursts From Photonuclear Reactions by Extensive Air Shower Core Interactions in the Ground and Implications for Terrestrial Gammaâ€ray Flash Signatures. Geophysical Research Letters, 2021, 48, e2020GL090033.	4.0	7
13	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. Nature Astronomy, 2021, 5, 465-471.	10.1	62
14	Spectrum and Morphology of the Very-high-energy Source HAWC J2019+368. Astrophysical Journal, 2021, 911, 143.	4.5	14
15	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
16	Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars. Astrophysical Journal Letters, 2021, 911, L27.	8.3	32
17	HAWC Search for High-mass Microquasars. Astrophysical Journal Letters, 2021, 912, L4.	8.3	3
18	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

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19	Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. Astrophysical Journal, 2021, 914, 106.	4.5	9
20	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	12.6	86
21	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	4.5	10
22	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
23	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
24	Evidence of 100 TeV Î³-ray emission from HESS J1702-420: A new PeVatron candidate. Astronomy and Astrophysics, 2021, 653, A152.	5.1	19
25	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
26	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. Astrophysical Journal, 2021, 906, 63.	4.5	9
27	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
28	Constraining the local burst rate density of primordial black holes with HAWC. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 026-026.	5.4	16
29	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
30	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	8.3	9
31	Resolving acceleration to very high energies along the jet of Centaurus A. Nature, 2020, 582, 356-359.	27.8	37
32	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
33	On the Gamma-Ray Emission of W44 and Its Surroundings. Astrophysical Journal Letters, 2020, 896, L23.	8.3	10
34	HAWC J2227+610 and Its Association with G106.3+2.7, a New Potential Galactic PeVatron. Astrophysical Journal Letters, 2020, 896, L29.	8.3	48
35	Constraints on Lorentz Invariance Violation from HAWC Observations of Gamma Rays above 100ÂTeV. Physical Review Letters, 2020, 124, 131101.	7.8	40
36	Search for gamma-ray spectral lines from dark matter annihilation in dwarf galaxies with the High-Altitude Water Cherenkov observatory. Physical Review D, 2020, 101, .	4.7	18

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37	Multiple Galactic Sources with Emission Above 56ÂTeV Detected by HAWC. Physical Review Letters, 2020, 124, 021102.	7.8	143
38	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
39	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
40	Constraints on the Emission of Gamma-Rays from M31 with HAWC. Astrophysical Journal, 2020, 893, 16.	4.5	1
41	Probing the sea of galactic cosmic rays with Fermi-LAT. Physical Review D, 2020, 101, .	4.7	28
42	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
43	Simultaneous observations of the blazar PKS 2155â^'304 from ultra-violet to TeV energies. Astronomy and Astrophysics, 2020, 639, A42.	5.1	7
44	An extreme particle accelerator in the Galactic plane: HESS J1826â^'130. Astronomy and Astrophysics, 2020, 644, A112.	5.1	14
45	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. Astrophysical Journal, 2020, 905, 76.	4.5	99
46	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. Astrophysical Journal, 2020, 905, 73.	4.5	2
47	Evidence of Cosmic-Ray Excess from Local Giant Molecular Clouds. Astrophysical Journal Letters, 2020, 901, L4.	8.3	15
48	HAWC and Fermi-LAT Detection of Extended Emission from the Unidentified Source 2HWC J2006+341. Astrophysical Journal Letters, 2020, 903, L14.	8.3	5
49	Searching for dark matter sub-structure with HAWC. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	5.4	9
50	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
51	Giant Molecular Clouds as probes of of Galactic Cosmic Rays with Fermi-LAT. EPJ Web of Conferences, 2019, 209, 01016.	0.3	0
52	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. Astrophysical Journal, 2019, 881, 134.	4.5	98
53	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	4.4	7
54	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

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55	All-sky Measurement of the Anisotropy of Cosmic Rays at 10 TeV and Mapping of the Local Interstellar Magnetic Field. Astrophysical Journal, 2019, 871, 96.	4.5	32
56	Probing the origin of the unidentified TeV Î³-ray source HESSâ€‰J1702â€“420 via the surrounding interstellar medium. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3659-3672.	4.4	8
57	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	4.3	35
58	Spectral and morphological study of the gamma radiation of the middle-aged supernova remnant HB 21. Astronomy and Astrophysics, 2019, 623, A86.	5.1	16
59	H.E.S.S. andSuzakuobservations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	5.1	15
60	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	27.8	166
61	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
62	Particle transport within the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2019, 621, A116.	5.1	57
63	KSP: Star Forming Systems. , 2019, , 211-229.		0
64	STACEX: RPC-based detector for a multi-messengerobservatory in the Southern Hemisphere. , 2019, , .		2
65	Spectral and Morphological Studies of the Very High Energy Gamma-Ray Source 2HWC J1825-134. , 2019, , .		1
66	Gamma Ray Diffuse Emission from the GalacticPlane with HAWC Data. , 2019, , .		1
67	A search for dark matter in the Galactic halo with HAWC. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 049-049.	5.4	36
68	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
69	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2018, 853, 154.	4.5	69
70	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
71	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. Astronomy and Astrophysics, 2018, 612, A12.	5.1	13
72	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

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73	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
74	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
75	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
76	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
77	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
78	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 612, A5.	5.1	35
79	Constraints on spin-dependent dark matter scattering with long-lived mediators from TeV observations of the Sun with HAWC. Physical Review D, 2018, 98, .	4.7	37
80	First HAWC observations of the Sun constrain steady TeV gamma-ray emission. Physical Review D, 2018, 98, .	4.7	19
81	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 617, A73.	5.1	41
82	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
83	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. Astrophysical Journal, 2018, 866, 24.	4.5	21
84	Observation of Anisotropy of TeV Cosmic Rays with Two Years of HAWC. Astrophysical Journal, 2018, 865, 57.	4.5	25
85	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. Nature, 2018, 562, 82-85.	27.8	75
86	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. Astronomy and Astrophysics, 2018, 612, A4.	5.1	24
87	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
88	HESS J1741â˜’302: a hidden accelerator in the Galactic plane. Astronomy and Astrophysics, 2018, 612, A13.	5.1	4
89	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
90	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

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91	Constraining the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mo stretchy="false">/</mml:mo><mml:mi>p</mml:mi></mml:math> ratio in TeV cosmic rays with observations of the Moon shadow by HAWC. Physical Review D, 2018, 97, .	4.7	9
92	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
93	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
94	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. Astronomy and Astrophysics, 2018, 612, A14.	5.1	23
95	Search for dark matter gamma-ray emission from the Andromeda Galaxy with the High-Altitude Water Cherenkov Observatory. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 043-043.	5.4	11
96	TeV Diffuse Emission From the Inner Galaxy. Frontiers in Astronomy and Space Sciences, 2018, 5, .	2.8	1
97	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	5.1	244
98	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
99	Selected Topics in Gamma-Ray Astronomy: Very High Energy Gamma-Rays as Tracers of Galactic Cosmic-Rays. , 2018, , 97-143.		1
100	New insights into pulsar wind nebula evolution with H.E.S.S. I and II. AIP Conference Proceedings, 2017, , .	0.4	0
101	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
102	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. Astrophysical Journal, 2017, 842, 85.	4.5	28
103	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. Astrophysical Journal, 2017, 841, 100.	4.5	39
104	Interstellar gas towards the TeV Î³-ray sources HESS J1640â^'465 and HESS J1641â^'463. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3757-3774.	4.4	16
105	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. Astrophysical Journal, 2017, 843, 116.	4.5	16
106	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
107	Supernova remnants in the veryâ€“highâ€“energy gamma-ray domain: the role of the Cherenkov telescope array. Monthly Notices of the Royal Astronomical Society, 2017, 471, 201-209.	4.4	11
108	HESS J1826â^'130: A very hard Î³-ray spectrum source in the galactic plane. AIP Conference Proceedings, 2017, , .	0.4	3

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109	All-particle cosmic ray energy spectrum measured by the HAWC experiment from 10 to 500ÂTeV. Physical Review D, 2017, 96, .	4.7	56
110	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
111	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. Science, 2017, 358, 911-914.	12.6	303
112	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2017, 843, 88.	4.5	12
113	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
114	The 2HWC HAWC Observatory Gamma-Ray Catalog. Astrophysical Journal, 2017, 843, 40.	4.5	200
115	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2017, 843, 39.	4.5	159
116	First year results from the HAWC observatory. EPJ Web of Conferences, 2017, 136, 03005.	0.3	1
117	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
118	Highlights from the HAWC telescope. , 2017, , .		1
119	Very high energy emission from the hard spectrum sources HESS J1641-463, HESS J1741-302 and HESS J1826-130. , 2017, , .		1
120	Constraining the Origin of Local Positrons with HAWC TeV Gamma-Ray Observations of Two Nearby Pulsar Wind Nebulae. , 2017, , .		0
121	SEARCH FOR TeV GAMMA-RAY EMISSION FROM POINT-LIKE SOURCES IN THE INNER GALACTIC PLANE WITH A PARTIAL CONFIGURATION OF THE HAWC OBSERVATORY. Astrophysical Journal, 2016, 817, 3.	4.5	33
122	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
123	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
124	HESS J1641-463, a very hard spectrum TeV gamma-ray source in the Galactic plane. , 2016, , .		0
125	Creating a high-resolution picture of Cygnus with the Cherenkov Telescope Array. , 2016, , .		0
126	Discovery of variable VHEÎ³-ray emission from the binary system 1FGLâ€‰J1018.6â€“5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28

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127	The high-energyÎ³-ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
128	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50
129	The exceptionally powerful TeV Î³-ray emitters in the Large Magellanic Cloud. Science, 2015, 347, 406-412.	12.6	111
130	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
131	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
132	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
133	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
134	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
135	Diffuse Galactic gamma-ray emission with H.E.S.S.. Physical Review D, 2014, 90, .	4.7	69
136	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. Physical Review D, 2014, 90, .	4.7	76
137	DISCOVERY OF THE HARD SPECTRUM VHE Î³-RAY SOURCE HESS J1641â€“463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
138	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
139	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
140	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. Astrophysical Journal, 2014, 780, 168.	4.5	39
141	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
142	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
143	Search for extendedÎ³-ray emission around AGN with H.E.S.S. andFermi-LAT. Astronomy and Astrophysics, 2014, 562, A145.	5.1	49
144	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

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145	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004â˜’2011. Astronomy and Astrophysics, 2014, 564, A9.	5.1	44
146	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
147	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
148	H.E.S.S. discovery of VHEÎ³-rays from the quasar PKSâ€‰1510â˜’089. Astronomy and Astrophysics, 2013, 554, A107.	5.1	73
149	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
150	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
151	Gamma-ray signatures of cosmic ray acceleration, propagation, and confinement in the era of CTA. Astroparticle Physics, 2013, 43, 276-286.	4.3	20
152	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. Physical Review Letters, 2013, 110, 041301.	7.8	176
153	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
154	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
155	Acceleration of cosmic rays and gamma-ray emission from supernova remnants in the Galaxy. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2748-2760.	4.4	33
156	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
157	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
158	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
159	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
160	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
161	Cosmic-Ray-Induced Ionization in Molecular Clouds Adjacent to Supernova Remnants. Thirty Years of Astronomical Discovery With UKIRT, 2013, , 317-324.	0.3	0
162	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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