

Nukri Komin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8750872/publications.pdf>

Version: 2024-02-01

198
papers

16,885
citations

13865

67
h-index

15732

125
g-index

200
all docs

200
docs citations

200
times ranked

8998
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
2	An Exceptional Very High Energy Gamma-Ray Flare of PKS 2155-304. <i>Astrophysical Journal</i> , 2007, 664, L71-L74.	4.5	644
3	Observations of the Crab nebula with HESS. <i>Astronomy and Astrophysics</i> , 2006, 457, 899-915.	5.1	603
4	Energy Spectrum of Cosmic-Ray Electrons at TeV Energies. <i>Physical Review Letters</i> , 2008, 101, 261104.	7.8	516
5	A low level of extragalactic background light as revealed by $\hat{\text{I}}^3$ -rays from blazars. <i>Nature</i> , 2006, 440, 1018-1021.	27.8	474
6	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. <i>Astrophysical Journal</i> , 2006, 636, 777-797.	4.5	463
7	High-energy particle acceleration in the shell of a supernova remnant. <i>Nature</i> , 2004, 432, 75-77.	27.8	450
8	Discovery of very-high-energy $\hat{\text{I}}^3$ -rays from the Galactic Centre ridge. <i>Nature</i> , 2006, 439, 695-698.	27.8	420
9	Probing the ATIC peak in the cosmic-ray electron spectrum with $\hat{\text{A}}\text{H.E.S.S.}$. <i>Astronomy and Astrophysics</i> , 2009, 508, 561-564.	5.1	396
10	Very high energy gamma rays from the direction of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2004, 425, L13-L17.	5.1	332
11	Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS. <i>Astronomy and Astrophysics</i> , 2005, 442, 1-10.	5.1	285
12	Discovery of Very High Energy Gamma Rays Associated with an X-ray Binary. <i>Science</i> , 2005, 309, 746-749.	12.6	277
13	Fast Variability of Tera-Electron Volt $\hat{\text{A}}$ Rays from the Radio Galaxy M87. <i>Science</i> , 2006, 314, 1424-1427.	12.6	277
14	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep HESS observations. <i>Astronomy and Astrophysics</i> , 2007, 464, 235-243.	5.1	266
15	A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7-3946 with HESS. <i>Astronomy and Astrophysics</i> , 2006, 449, 223-242.	5.1	258
16	A New Population of Very High Energy Gamma-Ray Sources in the Milky Way. <i>Science</i> , 2005, 307, 1938-1942.	12.6	249
17	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A1.	5.1	244
18	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. <i>Physical Review Letters</i> , 2016, 117, 111301.	7.8	233

#	ARTICLE	IF	CITATIONS
19	3.9 day orbital modulation in the TeV \hat{I}^3 -ray flux and spectrum from the X-ray binary LSÂ5039. <i>Astronomy and Astrophysics</i> , 2006, 460, 743-749.	5.1	212
20	Discovery of very high energy gamma-ray emission coincident with molecular clouds in the WÂ28 (G6.4-0.1) field. <i>Astronomy and Astrophysics</i> , 2008, 481, 401-410.	5.1	209
21	Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.. <i>Physical Review Letters</i> , 2011, 106, 161301.	7.8	209
22	New constraints on the mid-IR EBL from the HESS discovery of VHE \hat{I}^3 -rays from 1ESÂ%0229+200. <i>Astronomy and Astrophysics</i> , 2007, 475, L9-L13.	5.1	200
23	HESS Observations of the Galactic Center Region and Their Possible Dark Matter Interpretation. <i>Physical Review Letters</i> , 2006, 97, 221102.	7.8	177
24	DISCOVERY OF VERY HIGH ENERGY \hat{I}^3 -RAY EMISSION FROM CENTAURUS A WITH H.E.S.S.. <i>Astrophysical Journal</i> , 2009, 695, L40-L44.	4.5	177
25	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. <i>Physical Review Letters</i> , 2013, 110, 041301.	7.8	176
26	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2014, 565, A16.	5.1	174
27	Detection of Gamma Rays from a Starburst Galaxy. <i>Science</i> , 2009, 326, 1080-1082.	12.6	172
28	H.E.S.S. Observations of the Supernova Remnant RX J0852.0Â~4622: Shell-Type Morphology and Spectrum of a Widely Extended Very High Energy Gamma-Ray Source. <i>Astrophysical Journal</i> , 2007, 661, 236-249.	4.5	167
29	A very-high-energy component deep in the \hat{I}^3 -ray burst afterglow. <i>Nature</i> , 2019, 575, 464-467.	27.8	166
30	First detection of a VHE gamma-ray spectral maximum from a cosmic source: HESS discovery of the Vela X nebula. <i>Astronomy and Astrophysics</i> , 2006, 448, L43-L47.	5.1	164
31	HESS very-high-energy gamma-ray sources without identified counterparts. <i>Astronomy and Astrophysics</i> , 2008, 477, 353-363.	5.1	163
32	Detection of TeV \hat{I}^3 -ray emission from the shell-type supernova remnant RX J0852.0-4622 with HESS. <i>Astronomy and Astrophysics</i> , 2005, 437, L7-L10.	5.1	154
33	Energy dependent \hat{I}^3 -ray morphology in the pulsar wind nebula HESS J1825Â~137. <i>Astronomy and Astrophysics</i> , 2006, 460, 365-374.	5.1	152
34	THE 2010 VERY HIGH ENERGY \hat{I}^3 -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , 2012, 746, 151.	4.5	145
35	SIMULTANEOUS OBSERVATIONS OF PKS 2155Â~304 WITH HESS, FERMI, RXTE, AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009, 696, L150-L155.	4.5	144
36	First detection of VHE \hat{I}^3 -rays from SNÂ1006 by HESS. <i>Astronomy and Astrophysics</i> , 2010, 516, A62.	5.1	139

#	ARTICLE	IF	CITATIONS
37	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 550, A4.	5.1	139
38	H.E.S.S. observations of PKS 2155-304. <i>Astronomy and Astrophysics</i> , 2005, 430, 865-875.	5.1	133
39	Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52 with HESS. <i>Astronomy and Astrophysics</i> , 2005, 435, L17-L20.	5.1	121
40	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A2.	5.1	117
41	Very high energy gamma rays from the composite SNR G 0.9+0.1. <i>Astronomy and Astrophysics</i> , 2005, 432, L25-L29.	5.1	117
42	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155-304 energy spectrum. <i>Physical Review D</i> , 2013, 88, .	4.7	112
43	Detection of VHE gamma-ray emission from the distant blazar 1ES 1101-232 with HESS and broadband characterisation. <i>Astronomy and Astrophysics</i> , 2007, 470, 475-489.	5.1	111
44	Search for γ -Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. <i>Physical Review Letters</i> , 2018, 120, 201101.	7.8	105
45	Discovery of VHE γ -rays from the distant BL Lacertae 1ES 0347-121. <i>Astronomy and Astrophysics</i> , 2007, 473, L25-L28.	5.1	104
46	Calibration of cameras of the H.E.S.S. detector. <i>Astroparticle Physics</i> , 2004, 22, 109-125.	4.3	103
47	Detection of extended very-high-energy γ -ray emission towards the young stellar cluster Westerlund 2. <i>Astronomy and Astrophysics</i> , 2007, 467, 1075-1080.	5.1	99
48	Spectrum and variability of the Galactic center VHE γ -ray source HESS J1745-290. <i>Astronomy and Astrophysics</i> , 2009, 503, 817-825.	5.1	99
49	DISCOVERY OF GAMMA-RAY EMISSION FROM THE SHELL-TYPE SUPERNOVA REMNANT RCW 86 WITH HESS. <i>Astrophysical Journal</i> , 2009, 692, 1500-1505.	4.5	96
50	Limits on an Energy Dependence of the Speed of Light from a Flare of the Active Galaxy PKS 2155-304. <i>Physical Review Letters</i> , 2008, 101, 170402.	7.8	95
51	Simultaneous multiwavelength observations of the second exceptional γ -ray flare of PKS 2155-304 in July 2006. <i>Astronomy and Astrophysics</i> , 2009, 502, 749-770.	5.1	95
52	H.E.S.S. observations of RX J1713.7-3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. <i>Astronomy and Astrophysics</i> , 2018, 612, A6.	5.1	95
53	Discovery of a point-like very-high-energy γ -ray source in Monoceros. <i>Astronomy and Astrophysics</i> , 2007, 469, L1-L4.	5.1	94
54	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. <i>Astroparticle Physics</i> , 2011, 34, 738-747.	4.3	94

#	ARTICLE	IF	CITATIONS
55	VHE γ -ray emission of PKS 2155-304: spectral and temporal variability. <i>Astronomy and Astrophysics</i> , 2010, 520, A83.	5.1	88
56	Observations of the Sagittarius dwarf galaxy by the HESS experiment and search for a dark matter signal. <i>Astroparticle Physics</i> , 2008, 29, 55-62.	4.3	87
57	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. <i>Science</i> , 2021, 372, 1081-1085.	12.6	86
58	Multi-wavelength observations of PKS 2155-304 with HESS. <i>Astronomy and Astrophysics</i> , 2005, 442, 895-907.	5.1	83
59	A new SNR with TeV shell-type morphology: HESS J1731-347. <i>Astronomy and Astrophysics</i> , 2011, 531, A81.	5.1	77
60	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. <i>Physical Review D</i> , 2014, 90, .	4.7	76
61	Discovery of extended VHE γ -ray emission from the vicinity of the young massive stellar cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2012, 537, A114.	5.1	76
62	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. <i>Astroparticle Physics</i> , 2011, 34, 608-616.	4.3	74
63	Probing the extent of the non-thermal emission from the Vela X region at TeV energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 548, A38.	5.1	74
64	H.E.S.S. discovery of VHE γ -rays from the quasar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2013, 554, A107.	5.1	73
65	A possible association of the new VHE γ -ray source HESS J1825-137 with the pulsar wind nebula G 18.0-0.7. <i>Astronomy and Astrophysics</i> , 2005, 442, L25-L29.	5.1	70
66	Very high energy γ -ray observations of the binary PSR B1259-63/SS2883 around the 2007 Periastron. <i>Astronomy and Astrophysics</i> , 2009, 507, 389-396.	5.1	70
67	Diffuse Galactic gamma-ray emission with H.E.S.S.. <i>Physical Review D</i> , 2014, 90, .	4.7	69
68	Discovery of the two "wings" of the Kookaburra complex in VHE γ -rays with HESS. <i>Astronomy and Astrophysics</i> , 2006, 456, 245-251.	5.1	68
69	Constraints on the multi-TeV particle population in the Coma galaxy cluster with HESS observations. <i>Astronomy and Astrophysics</i> , 2009, 502, 437-443.	5.1	67
70	Evidence for VHE γ -ray emission from the distant BL Lac PG 1553+113. <i>Astronomy and Astrophysics</i> , 2006, 448, L19-L23.	5.1	67
71	Exploring a SNR/molecular cloud association within HESS J1745-303. <i>Astronomy and Astrophysics</i> , 2008, 483, 509-517.	5.1	63
72	Serendipitous discovery of the unidentified extended TeV γ -ray source HESS J1303-631. <i>Astronomy and Astrophysics</i> , 2005, 439, 1013-1021.	5.1	62

#	ARTICLE	IF	CITATIONS
73	Observations of Mkn 421 in 2004 with HESS at large zenith angles. <i>Astronomy and Astrophysics</i> , 2005, 437, 95-99.	5.1	61
74	SPECTRAL ANALYSIS AND INTERPRETATION OF THE $\hat{\gamma}$ -RAY EMISSION FROM THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2012, 757, 158.	4.5	61
75	Observations of selected AGN with HESS. <i>Astronomy and Astrophysics</i> , 2005, 441, 465-472.	5.1	59
76	Discovery of very high energy $\hat{\gamma}$ -ray emission from the BL Lacertae object H $\hat{\alpha}$ 2356-309 with the HESS Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , 2006, 455, 461-466.	5.1	57
77	Particle transport within the pulsar wind nebula HESS J1825 $\hat{\alpha}$ 137. <i>Astronomy and Astrophysics</i> , 2019, 621, A116.	5.1	57
78	Discovery of VHE $\hat{\gamma}$ rays from PKS 2005 $\hat{\alpha}$ 489. <i>Astronomy and Astrophysics</i> , 2005, 436, L17-L20.	5.1	57
79	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. <i>Astrophysical Journal</i> , 2012, 750, 123.	4.5	57
80	Detection of very high energy radiation from HESS J1908+063 confirms the Milagro unidentified source MGRO J1908+06. <i>Astronomy and Astrophysics</i> , 2009, 499, 723-728.	5.1	55
81	Localizing the VHE $\hat{\gamma}$ -ray source at the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1877-1882.	4.4	55
82	Measurement of the EBL spectral energy distribution using the VHE $\hat{\gamma}$ -ray spectra of H.E.S.S. blazars. <i>Astronomy and Astrophysics</i> , 2017, 606, A59.	5.1	54
83	Discovery of a VHE gamma-ray source coincident with the supernova remnant CTB 37A. <i>Astronomy and Astrophysics</i> , 2008, 490, 685-693.	5.1	53
84	Discovery of VHE $\hat{\gamma}$ -rays from the high-frequency-peaked BL Lacertae object RGB J0152+017. <i>Astronomy and Astrophysics</i> , 2008, 481, L103-L107.	5.1	52
85	Revisiting the Westerlund 2 field with the HESS telescope array. <i>Astronomy and Astrophysics</i> , 2011, 525, A46.	5.1	52
86	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A9.	5.1	52
87	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. AND FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 802, 65.	4.5	50
88	Search for extended $\hat{\gamma}$ -ray emission around AGN with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2014, 562, A145.	5.1	49
89	Very high energy gamma-ray observations of the galaxy clusters Abell 496 and Abell 85 with HESS. <i>Astronomy and Astrophysics</i> , 2009, 495, 27-35.	5.1	49
90	A multiwavelength view of the flaring state of PKS 2155-304 in 2006. <i>Astronomy and Astrophysics</i> , 2012, 539, A149.	5.1	48

#	ARTICLE	IF	CITATIONS
91	Discovery of two candidate pulsar wind nebulae in very-high-energy gamma rays. <i>Astronomy and Astrophysics</i> , 2007, 472, 489-495.	5.1	47
92	The 2014 TeV γ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. <i>Astrophysical Journal</i> , 2019, 870, 93.	4.5	47
93	HESS observations of γ -ray bursts in 2003–2007. <i>Astronomy and Astrophysics</i> , 2009, 495, 505-512.	5.1	46
94	Discovery of hard-spectrum γ -ray emission from the BL Lacertae object 1ES 0414+009. <i>Astronomy and Astrophysics</i> , 2012, 538, A103.	5.1	45
95	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004–2011. <i>Astronomy and Astrophysics</i> , 2014, 564, A9.	5.1	44
96	Population study of Galactic supernova remnants at very high γ -ray energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A3.	5.1	44
97	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. <i>Astronomy and Astrophysics</i> , 2014, 562, L4.	5.1	43
98	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100 GeV to 2 TeV Energy Range Close to the Galactic Center. <i>Physical Review Letters</i> , 2016, 117, 151302.	7.8	43
99	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0–4622): Morphology studies and resolved spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 612, A7.	5.1	43
100	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2018, 617, A73.	5.1	41
101	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. <i>Astronomy and Astrophysics</i> , 2011, 531, L18.	5.1	40
102	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. <i>Astrophysical Journal</i> , 2014, 780, 168.	4.5	39
103	Publisher's Note: HESS Observations of the Galactic Center Region and Their Possible Dark Matter Interpretation [Phys. Rev. Lett. 97, 221102 (2006)]. <i>Physical Review Letters</i> , 2006, 97, .	7.8	38
104	Chandra and HESS observations of the supernova remnant CTB 37B. <i>Astronomy and Astrophysics</i> , 2008, 486, 829-836.	5.1	38
105	A SEARCH FOR A DARK MATTER ANNIHILATION SIGNAL TOWARD THE CANIS MAJOR OVERDENSITY WITH H.E.S.S.. <i>Astrophysical Journal</i> , 2009, 691, 175-181.	4.5	38
106	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. <i>Astrophysical Journal Letters</i> , 2017, 850, L22.	8.3	38
107	Multi-wavelength observations of H 2356–309. <i>Astronomy and Astrophysics</i> , 2010, 516, A56.	5.1	37
108	Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.. <i>Physical Review Letters</i> , 2015, 114, 081301.	7.8	36

#	ARTICLE	IF	CITATIONS
109	First ground-based measurement of atmospheric Cherenkov light from cosmic rays. <i>Physical Review D</i> , 2007, 75, .	4.7	35
110	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2018, 612, A5.	5.1	35
111	Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi. <i>Science</i> , 2022, 376, 77-80.	12.6	35
112	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. <i>Astrophysical Journal</i> , 2011, 735, 12.	4.5	34
113	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. <i>Astronomy and Astrophysics</i> , 2013, 551, A94.	5.1	34
114	PKS 2005-489 at VHE: four years of monitoring with HESS and simultaneous multi-wavelength observations. <i>Astronomy and Astrophysics</i> , 2010, 511, A52.	5.1	34
115	HESS observations and VLT spectroscopy of PG 1553+113. <i>Astronomy and Astrophysics</i> , 2008, 477, 481-489.	5.1	34
116	Discovery of the source HESS J1356-645 associated with the young and energetic PSR J1357-6429. <i>Astronomy and Astrophysics</i> , 2011, 533, A103.	5.1	33
117	Characterizing the γ -ray long-term variability of PKS 2155+304 with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2017, 598, A39.	5.1	33
118	Upper limits to the SN1006 multi-TeV gamma-ray flux from HESS observations. <i>Astronomy and Astrophysics</i> , 2005, 437, 135-139.	5.1	33
119	HESS and Fermi-LAT discovery of γ -rays from the blazar 1ES 1312+423. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1889-1901.	4.4	32
120	Discovery of TeV γ -ray emission from PKS 0447-439 and derivation of an upper limit on its redshift. <i>Astronomy and Astrophysics</i> , 2013, 552, A118.	5.1	32
121	First ground-based measurement of sub-20 GeV to 100 GeV γ -Rays from the Vela pulsar with H.E.S.S. II. <i>Astronomy and Astrophysics</i> , 2018, 620, A66.	5.1	32
122	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A8.	5.1	32
123	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE γ -ray observations with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2019, 627, A159.	5.1	32
124	HESS J1943+213: a candidate extreme BL Lacertae object. <i>Astronomy and Astrophysics</i> , 2011, 529, A49.	5.1	31
125	SUZAKU OBSERVATIONS OF THE NON-THERMAL SUPERNOVA REMNANT HESS J1731-347. <i>Astrophysical Journal</i> , 2012, 756, 149.	4.5	31
126	DISCOVERY OF THE HARD SPECTRUM VHE γ -RAY SOURCE HESS J1641-463. <i>Astrophysical Journal Letters</i> , 2014, 794, L1.	8.3	31

#	ARTICLE	IF	CITATIONS
127	Discovery of VHE γ -rays from the BL Lacertae object PKS 0548+322. <i>Astronomy and Astrophysics</i> , 2010, 521, A69.	5.1	30
128	Searches for gamma-ray lines and $\tilde{\nu}$ pure WIMP spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 037-037.	5.4	30
129	Discovery of VHE γ -ray emission and multi-wavelength observations of the BL Lacertae object 1RXS J101015.9+311909. <i>Astronomy and Astrophysics</i> , 2012, 542, A94.	5.1	29
130	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155+304 and PG 1553+113. <i>Astronomy and Astrophysics</i> , 2017, 600, A89.	5.1	29
131	Upper limits from HESS active galactic nuclei observations in 2005–2007. <i>Astronomy and Astrophysics</i> , 2008, 478, 387-393.	5.1	29
132	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018+589. <i>Astronomy and Astrophysics</i> , 2012, 541, A5.	5.1	28
133	Discovery of variable VHE γ -ray emission from the binary system 1FGL J1018.6+5856. <i>Astronomy and Astrophysics</i> , 2015, 577, A131.	5.1	28
134	The γ -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2018, 619, A71.	5.1	28
135	Search for dark matter signals towards a selection of recently detected DES dwarf galaxy satellites of the Milky Way with H.E.S.S.. <i>Physical Review D</i> , 2020, 102, .	4.7	28
136	HESS upper limits for Kepler's supernova remnant. <i>Astronomy and Astrophysics</i> , 2008, 488, 219-223.	5.1	28
137	HESS OBSERVATIONS OF THE PROMPT AND AFTERGLOW PHASES OF GRB 060602B. <i>Astrophysical Journal</i> , 2009, 690, 1068-1073.	4.5	27
138	HESS J1640-465 - an exceptionally luminous TeV γ -ray supernova remnant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2828-2836.	4.4	27
139	Simultaneous HESS and Chandra observations of Sagittarius A* during an X-ray flare. <i>Astronomy and Astrophysics</i> , 2008, 492, L25-L28.	5.1	26
140	Discovery of very high energy γ -ray emission from the BL Lacertae object PKS 0301+243 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 559, A136.	5.1	26
141	Identification of HESS J1303+631 as a pulsar wind nebula through γ -ray, X-ray, and radio observations. <i>Astronomy and Astrophysics</i> , 2012, 548, A46.	5.1	25
142	The high-energy γ -ray emission of AP Librae. <i>Astronomy and Astrophysics</i> , 2015, 573, A31.	5.1	25
143	Long-term monitoring of PKS 2155+304 with ATOM and H.E.S.S.: investigation of optical/ γ -ray correlations in different spectral states. <i>Astronomy and Astrophysics</i> , 2014, 571, A39.	5.1	24
144	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. <i>Astronomy and Astrophysics</i> , 2018, 612, A4.	5.1	24

#	ARTICLE	IF	CITATIONS
145	Probing the gamma-ray emission from HESS J1834-087 using H.E.S.S. and Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2015, 574, A27.	5.1	24
146	Discovery and follow-up studies of the extended, off-plane, VHE gamma-ray source HESS J1507-622. <i>Astronomy and Astrophysics</i> , 2011, 525, A45.	5.1	23
147	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula N157B with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 545, L2.	5.1	23
148	HESS upper limit on the very high energy γ -ray emission from the globular cluster 47 Tucanae. <i>Astronomy and Astrophysics</i> , 2009, 499, 273-277.	5.1	23
149	Discovery of very-high-energy γ -ray emission from the vicinity of PSR J1913+1011 with HESS. <i>Astronomy and Astrophysics</i> , 2008, 484, 435-440.	5.1	23
150	Search for gamma rays from dark matter annihilations around intermediate mass black holes with the HESS experiment. <i>Physical Review D</i> , 2008, 78, .	4.7	22
151	H.E.S.S. discovery of very high energy γ -ray emission from PKS 0625+354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4187-4198.	4.4	21
152	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep H.E.S.S. observations (<i>Corrigendum</i>). <i>Astronomy and Astrophysics</i> , 2011, 531, C1.	5.1	20
153	Detection of very-high-energy γ -ray emission from the colliding wind binary η Car with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2020, 635, A167.	5.1	20
154	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. <i>Astronomy and Astrophysics</i> , 2015, 575, A81.	5.1	20
155	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. <i>Astronomy and Astrophysics</i> , 2015, 574, A100.	5.1	20
156	A search for very high energy γ -ray emission from the starburst galaxy NGC 253 with HESS. <i>Astronomy and Astrophysics</i> , 2005, 442, 177-183.	5.1	20
157	Detection of very-high-energy γ -ray emission from the vicinity of PSR B1706-44 and G 343.1-2.3 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2011, 528, A143.	5.1	19
158	Very high energy γ -ray emission from two blazars of unknown redshift and upper limits on their distance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5590-5602.	4.4	19
159	Search for pulsed VHE gamma-ray emission from young pulsars with HESS. <i>Astronomy and Astrophysics</i> , 2007, 466, 543-554.	5.1	18
160	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	5.1	18
161	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9-185406. <i>Astronomy and Astrophysics</i> , 2013, 554, A72.	5.1	18
162	TeV γ -ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 790-799.	4.4	18

#	ARTICLE	IF	CITATIONS
163	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
164	H.E.S.S. and <i>Fermi</i> -LAT observations of PSR B1259-63/LS 2883 during its 2014 and 2017 periastron passages. Astronomy and Astrophysics, 2020, 633, A102.	5.1	17
165	Erratum to "Observations of the Sagittarius dwarf galaxy by the HESS experiment and search for a dark matter signal" [Astropart. Phys. 29(1) (2008) 55-62]. Astroparticle Physics, 2010, 33, 274-275.	4.3	16
166	Search for very-high-energy γ -ray emission from Galactic globular clusters with H.E.S.S.. Astronomy and Astrophysics, 2013, 551, A26.	5.1	16
167	H.E.S.S. and <i>Suzaku</i> observations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	5.1	15
168	H.E.S.S. detection of very high-energy γ -ray emission from the quasar PKS 0736+017. Astronomy and Astrophysics, 2020, 633, A162.	5.1	15
169	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
170	HESS upper limits on very high energy gamma-ray emission from the microquasar GRS 1915+105. Astronomy and Astrophysics, 2009, 508, 1135-1140.	5.1	15
171	Search for TeV emission from the region around PSR B1706-44 with the HESS experiment. Astronomy and Astrophysics, 2005, 432, L9-L12.	5.1	15
172	An extreme particle accelerator in the Galactic plane: HESS J1826+130. Astronomy and Astrophysics, 2020, 644, A112.	5.1	14
173	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. Astronomy and Astrophysics, 2018, 612, A12.	5.1	13
174	Extended VHE γ -ray emission towards SGR1806+20, LBV 1806+20, and stellar cluster Cl* 1806+20. Astronomy and Astrophysics, 2018, 612, A11.	5.1	12
175	Detection of variable VHE γ -ray emission from the extra-galactic γ -ray binary LMC P3. Astronomy and Astrophysics, 2018, 610, L17.	5.1	12
176	VHE γ -ray emitting pulsar wind nebulae discovered by H.E.S.S.. AIP Conference Proceedings, 2008, , .	0.4	11
177	HESS J1818-154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. Astronomy and Astrophysics, 2014, 562, A40.	5.1	11
178	The orbital parameters of the gamma-ray binary LMC P3. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4347-4351.	4.4	10
179	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	4.5	10
180	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	8.3	9

#	ARTICLE	IF	CITATIONS
181	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. <i>Astronomy and Astrophysics</i> , 2018, 612, A10.	5.1	7
182	Simultaneous observations of the blazar PKS 2155+304 from ultra-violet to TeV energies. <i>Astronomy and Astrophysics</i> , 2020, 639, A42.	5.1	7
183	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. <i>Astronomy and Astrophysics</i> , 2012, 545, A103.	5.1	6
184	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. <i>Astronomy and Astrophysics</i> , 2017, 597, A115.	5.1	6
185	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. <i>Astrophysical Journal</i> , 2021, 919, 106.	4.5	6
186	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. <i>Astrophysical Journal</i> , 2021, 923, 109.	4.5	6
187	H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3886-3891.	4.4	5
188	A MeerKAT, e-MERLIN, H.E.S.S., and <i>Swift</i> search for persistent and transient emission associated with three localized FRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1365-1379.	4.4	4
189	VHE β -ray discovery and multi-wavelength study of the blazar 1ES 2322-409. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	3
190	PL-Grid e-Infrastructure for the Cherenkov Telescope Array Observatory. <i>Lecture Notes in Computer Science</i> , 2012, , 301-313.	1.3	3
191	GRB Simulations in GLAST. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
192	Search for TeV Emission from the Direction of the Vela and PSR B1706-44 Pulsars with the H.E.S.S. Experiment. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	1
193	Performance of the GLAST/LAT for the Observation of GRB Spectra. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
194	GRB Analysis Results from GLAST Data Challenge 2. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
195	Galactic Variable Sources Observed with H.E.S.S., 2007, , .		0
196	MONTE CARLO SIMULATIONS FOR THE CHERENKOV TELESCOPE ARRAY OBSERVATORY USING PL-GRID E-INFRASTRUCTURE. <i>Computer Science</i> , 2012, 13, 113.	0.6	0
197	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). <i>Astronomy and Astrophysics</i> , 2015, 580, C1.	5.1	0
198	Discovery of VHE Gamma-Ray Emission from the Binary System LMC P3., 2017, , .		0