

# Gavin P Rowell

## List of Publications by Year in descending order

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333  
papers

20,735  
citations

8755

75  
h-index

12272

133  
g-index

336  
all docs

336  
docs citations

336  
times ranked

9585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mysterious odd radio circle near the large magellanic cloud – an intergalactic supernova remnant?. Monthly Notices of the Royal Astronomical Society, 2022, 512, 265-284.	4.4	14
2	Modelling the gamma-ray morphology of HESS J1804+216 from two supernova remnants in a hadronic scenario. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5915-5926.	4.4	1
3	Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi. Science, 2022, 376, 77-80.	12.6	35
4	A MeerKAT, e-MERLIN, H.E.S.S., and Swift search for persistent and transient emission associated with three localized FRBs. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1365-1379.	4.4	4
5	An Expanding Shell of Neutral Hydrogen Associated with SN 1006: Hints for the Single-degenerate Origin and Faint Hadronic Gamma-Rays. Astrophysical Journal, 2022, 933, 157.	4.5	6
6	Triggered high-mass star formation in the H <sub>2</sub> region W42: A cloud-cloud collision scenario. Publication of the Astronomical Society of Japan, 2021, 73, S321-S337.	2.5	3
7	ALMA CO observations of a giant molecular cloud in M33: Evidence for high-mass star formation triggered by cloud-cloud collisions. Publication of the Astronomical Society of Japan, 2021, 73, S62-S74.	2.5	16
8	Using interstellar clouds to search for Galactic PeVatrons: gamma-ray signatures from supernova remnants. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3522-3539.	4.4	11
9	Explaining the extended GeV gamma-ray emission adjacent to HESS J1825-137. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1840-1853.	4.4	1
10	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
11	Optical reconstruction of dust in the region of supernova remnant RX J1713.7+3946 from astrometric data. Nature Astronomy, 2021, 5, 832-838.	10.1	3
12	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	12.6	86
13	Pursuing the Origin of the Gamma Rays in RX J1713.7-3946 Quantifying the Hadronic and Leptonic Components. Astrophysical Journal, 2021, 915, 84.	4.5	13
14	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	4.5	10
15	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
16	Radio continuum sources behind the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2885-2904.	4.4	5
17	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
18	Evidence of 100 TeV $\gamma$ -ray emission from HESS J1702-420: A new PeVatron candidate. Astronomy and Astrophysics, 2021, 653, A152.	5.1	19

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19	Associated Molecular and Atomic Clouds with X-Ray Shell of Superbubble 30 Doradus C in the LMC. <i>Astrophysical Journal</i> , 2021, 918, 36.	4.5	1
20	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
21	ALMA CO Observations of the Mixed-morphology Supernova Remnant W49B: Efficient Production of Recombining Plasma and Hadronic Gamma Rays via Shock-Cloud Interactions. <i>Astrophysical Journal</i> , 2021, 919, 123.	4.5	19
22	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
23	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. <i>Astrophysical Journal Letters</i> , 2020, 894, L16.	8.3	9
24	Radio observations of supernova remnant G1.9+0.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2606-2621.	4.4	14
25	H.E.S.S. and Fermi-LAT observations of PSR B1259-63/LS 2883 during its 2014 and 2017 periastron passages. <i>Astronomy and Astrophysics</i> , 2020, 633, A102.	5.1	17
26	Very high energy $\gamma$ -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
27	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
28	An extreme particle accelerator in the Galactic plane: HESS J1826+130. <i>Astronomy and Astrophysics</i> , 2020, 644, A112.	5.1	14
29	New optically identified supernova remnants in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2336-2358.	4.4	13
30	ALMA CO Observations of Gamma-Ray Supernova Remnant N132D in the Large Magellanic Cloud: Possible Evidence for Shocked Molecular Clouds Illuminated by Cosmic-Ray Protons. <i>Astrophysical Journal</i> , 2020, 902, 53.	4.5	16
31	ALMA CO Observations of the Gamma-Ray Supernova Remnant RX J1713.7-3946: Discovery of Shocked Molecular Cloudlets and Filaments at 0.01 pc Scales. <i>Astrophysical Journal Letters</i> , 2020, 904, L24.	8.3	14
32	Arcminute-scale studies of the interstellar gas towards HESS J1804+216: Still an unidentified TeV $\gamma$ -ray source. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	2
33	Discovery of Shocked Molecular Clouds Associated with the Shell-type Supernova Remnant RX J0046.5+7308 in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 881, 85.	4.5	14
34	The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1202-1219.	4.4	21
35	ALMA CO Observations of Supernova Remnant N63A in the Large Magellanic Cloud: Discovery of Dense Molecular Clouds Embedded within Shock-ionized and Photoionized Nebulae. <i>Astrophysical Journal</i> , 2019, 873, 40.	4.5	14
36	Discovery of a pulsar-powered bow shock nebula in the Small Magellanic Cloud supernova remnant DEM S5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2507-2524.	4.4	13

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37	Possible Evidence for Cosmic-Ray Acceleration in the Type Ia SNR RCW 86: Spatial Correlation between TeV Gamma-Rays and Interstellar Atomic Protons. <i>Astrophysical Journal</i> , 2019, 876, 37.	4.5	18
38	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
39	Connecting the ISM to TeV PWNe and PWN candidates. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	7
40	Probing the origin of the unidentified TeV $\gamma$ -ray source HESS J1702-420 via the surrounding interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3659-3672.	4.4	8
41	Radio emission from interstellar shocks: Young type Ia supernova remnants and the case of N 103B in the Large Magellanic Cloud. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	1.4	9
42	A very-high-energy component deep in the $\gamma$ -ray burst afterglow. <i>Nature</i> , 2019, 575, 464-467.	27.8	166
43	A Supernova Remnant Counterpart for HESS J1832+085. <i>Astrophysical Journal</i> , 2019, 885, 129.	4.5	2
44	Particle transport within the pulsar wind nebula HESS J1825-137. <i>Astronomy and Astrophysics</i> , 2019, 621, A116.	5.1	57
45	The 2014 TeV $\gamma$ -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
46	H.E.S.S. discovery of very high energy $\gamma$ -ray emission from PKS 0625+354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4187-4198.	4.4	21
47	Discovery of Molecular and Atomic Clouds Associated with the Gamma-Ray Supernova Remnant Kesteven 79. <i>Astrophysical Journal</i> , 2018, 864, 161.	4.5	21
48	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
49	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. <i>Astronomy and Astrophysics</i> , 2018, 612, A12.	5.1	13
50	The $\gamma$ -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
51	Searches for gamma-ray lines and 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
52	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
53	Population study of Galactic supernova remnants at very high $\gamma$ -ray energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A3.	5.1	44
54	Extended VHE $\gamma$ -ray emission towards SGR 1806+20, LBV 1806+20, and stellar cluster Cl* 1806+20. <i>Astronomy and Astrophysics</i> , 2018, 612, A11.	5.1	12

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55	H.E.S.S. observations of RX J1713.7 $\hat{\sim}$ 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
56	A Morphological Study of the Supernova Remnant RX J0852.0 $\hat{\sim}$ 4622 (Vela Jr.). <i>Astrophysical Journal</i> , 2018, 866, 76.	4.5	12
57	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
58	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
59	First ground-based measurement of sub-20 GeV to 100 GeV $\hat{\sim}$ -Rays from the Vela pulsar with H.E.S.S. II. <i>Astronomy and Astrophysics</i> , 2018, 620, A66.	5.1	32
60	RCW 86 in the Vela Molecular Ridge: Evidence for high-mass star-cluster formation triggered by cloud-cloud collision. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	36
61	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. <i>Astronomy and Astrophysics</i> , 2018, 612, A4.	5.1	24
62	Molecular Clouds Associated with the Type Ia SNR N103B in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2018, 867, 7.	4.5	21
63	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
64	HESS J1741 $\hat{\sim}$ 302: a hidden accelerator in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2018, 612, A13.	5.1	4
65	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
66	ALMA Observations of Supernova Remnant N49 in the LMC. I. Discovery of CO Clumps Associated with X-Ray and Radio Continuum Shells. <i>Astrophysical Journal</i> , 2018, 863, 55.	4.5	13
67	Searching for an interstellar medium association for HESS J1534 $\hat{\sim}$ 571. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 134-148.	4.4	9
68	Galactic PeVatrons and helping to find them: Effects of galactic absorption on the observed spectra of very high energy $\hat{\sim}$ -ray sources. <i>Physical Review D</i> , 2018, 98, .	4.7	12
69	Probing the local environment of the supernova remnant HESS J1731 $\hat{\sim}$ 347 with CO and CS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 662-676.	4.4	19
70	Search for $\hat{\sim}$ -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
71	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0 $\hat{\sim}$ 4622): Morphology studies and resolved spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 612, A7.	5.1	43
72	Detection of variable VHE $\hat{\sim}$ -ray emission from the extra-galactic $\hat{\sim}$ -ray binary LMC P3. <i>Astronomy and Astrophysics</i> , 2018, 610, L17.	5.1	12

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73	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A1.	5.1	244
74	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
75	The Mopra Southern Galactic Plane CO Surveyâ€™Data Release 3. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	31
76	Characterisation and testing of CHEC-Mâ€™A camera prototype for the small-sized telescopes of the Cherenkov telescope array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 904, 44-63.	1.6	7
77	Final characterisation and design of the Gamma-ray Cherenkov Telescope (GCT) for the Cherenkov telescope array. , 2018, , .		0
78	Operating performance of the gamma-ray Cherenkov telescope: An end-to-end Schwarzschildâ€™Couder telescope prototype for the Cherenkov Telescope Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 845, 355-358.	1.6	8
79	The GCT camera for the Cherenkov Telescope Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 1-4.	1.6	3
80	Characterizing the $\gamma$ -ray long-term variability of PKSâ€™2155â€™304 with H.E.S.S. and <i>Fermi</i> -LAT. <i>Astronomy and Astrophysics</i> , 2017, 598, A39.	5.1	33
81	Unidentified TeV sources and the interstellar medium. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
82	ISM studies towards several PWNe. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
83	Limits on the TeV gamma-ray afterglow of fast radio bursts with H.E.S.S.. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
84	The TeV supernova remnant shell HESS J1731-347 and its surroundings. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
85	Molecular shocks and the gamma-ray clouds of the W28 supernova remnant. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
86	The H.E.S.S. II GRB observation scheme. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
87	Inauguration and first light of the GCT-M prototype for the Cherenkov telescope array. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
88	Interstellar gas towards the TeV $\gamma$ -ray sources HESS J1640â€™465 and HESS J1641â€™463. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3757-3774.	4.4	16
89	Towards a three-dimensional distribution of the molecular clouds in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2523-2536.	4.4	7
90	The gamma-ray Cherenkov telescope for the Cherenkov telescope array. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0

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91	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
92	A Study of the Interstellar Medium Towards the Unidentified Dark TeV $\gamma$ -Ray Sources HESS J1614+518 and HESS J1616+508. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	6
93	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
94	A Detailed Study of the Interstellar Protons toward the TeV $\gamma$ -Ray SNR RX J0852.0+4622 (G266.2+1.2, Vela). <i>Journal of High Energy Astrophysics</i> , 2017, 31, .	4.5	31
95	Discovery of Molecular and Atomic Clouds Associated with the Magellanic Superbubble 30 Doradus C. <i>Astrophysical Journal</i> , 2017, 843, 61.	4.5	22
96	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
97	Interstellar gas toward the Magellanic supernova remnants. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
98	Dense molecular gas at 12 $\mu$ m towards Galactic TeV gamma-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2093-2113.	4.4	14
99	Measurement of the EBL spectral energy distribution using the VHE $\gamma$ -ray spectra of H.E.S.S. blazars. <i>Astronomy and Astrophysics</i> , 2017, 606, A59.	5.1	54
100	Ammonia excitation imaging of shocked gas towards the W28 gamma-ray source HESS J1801+233. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 532-546.	4.4	8
101	Mopra Central Molecular Zone Carbon Monoxide Survey Status. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 164-165.	0.0	3
102	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
103	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
104	Chandra observations of the HII complex G5.89-0.39 and TeV gamma-ray source HESS J1800-240B. <i>Journal of High Energy Astrophysics</i> , 2016, 11-12, 1-19.	6.7	5
105	The Gamma-ray Cherenkov Telescope, an end-to end Schwarzschild-Couder telescope prototype proposed for the Cherenkov Telescope Array. , 2016, , .		0
106	The GCT camera for the Cherenkov Telescope Array. , 2016, , .		0
107	ISM gas studies towards the TeV PWN HESS J1825+137 and northern region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2813-2835.	4.4	37
108	The Mopra Southern Galactic Plane CO Survey Data Release 1. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .	3.4	25

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109	Hunting Gravitational Waves with Multi-Messenger Counterparts: Australia's Role. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	9
110	Discovery of variable VHE $\gamma$ -ray emission from the binary system 1FGL J1018.6+5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28
111	EXTENDED CARBON LINE EMISSION IN THE GALAXY: SEARCHING FOR DARK MOLECULAR GAS ALONG THE G328 SIGHTLINE. Astrophysical Journal, 2015, 811, 13.	4.5	20
112	The high-energy $\gamma$ -ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
113	Extended Carbon Emission in the Galaxy: Dark Gas along the G328 Sightline. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0
114	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. AND FERMI-LAT. Astrophysical Journal, 2015, 802, 65.	4.5	50
115	Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.. Physical Review Letters, 2015, 114, 081301.	7.8	36
116	Probing the gamma-ray emission from HESS J1834+087 using H.E.S.S. and Fermi-LAT observations. Astronomy and Astrophysics, 2015, 574, A27.	5.1	24
117	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
118	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
119	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
120	A new method of reconstructing VHE $\gamma$ -ray spectra: the Template Background Spectrum. Astronomy and Astrophysics, 2014, 568, A117.	5.1	3
121	Diffuse Galactic gamma-ray emission with H.E.S.S.. Physical Review D, 2014, 90, .	4.7	69
122	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. Physical Review D, 2014, 90, .	4.7	76
123	DISCOVERY OF THE HARD SPECTRUM VHE $\gamma$ -RAY SOURCE HESS J1641+463. Astrophysical Journal Letters, 2014, 794, L1.	8.3	31
124	HESS J1640-465 - an exceptionally luminous TeV $\gamma$ -ray supernova remnant. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2828-2836.	4.4	27
125	THE CARBON INVENTORY IN A QUIESCENT, FILAMENTARY MOLECULAR CLOUD IN G328. Astrophysical Journal, 2014, 782, 72.	4.5	10
126	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

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127	THE JET AND ARC MOLECULAR CLOUDS TOWARD WESTERLUND 2, RCW 49, AND HESS J1023+575; <sup>12</sup> CO AND <sup>13</sup> CO ( $J=2-1$ and $J=1-0$ ) OBSERVATIONS WITH NANTEN2 AND MOPRA TELESCOPE. <i>Astrophysical Journal</i> , 2014, 781, 70.	4.5	9
128	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
129	TeV $\gamma$ -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
130	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
131	Search for extended $\gamma$ -ray emission around AGN with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2014, 562, A145.	5.1	49
132	HESS J1818-154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. <i>Astronomy and Astrophysics</i> , 2014, 562, A40.	5.1	11
133	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
134	Long-term monitoring of PKS 2155~304 with ATOM and H.E.S.S.: investigation of optical/ $\gamma$ -ray correlations in different spectral states. <i>Astronomy and Astrophysics</i> , 2014, 571, A39.	5.1	24
135	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
136	INVESTIGATION OF DENSE GAS TOWARDS RELATIVISTIC OUTFLOW SOURCES. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460198.	0.7	0
137	MOPRA AND NANTEN STUDIES OF HESS J1825-137 NORTHERN CLOUD. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460199.	0.7	0
138	The HiSCORE experiment and its potential for gamma-ray astronomy. <i>Journal of Physics: Conference Series</i> , 2013, 409, 012120.	0.4	2
139	H.E.S.S. discovery of VHE $\gamma$ -rays from the quasar PKS 1510+089. <i>Astronomy and Astrophysics</i> , 2013, 554, A107.	5.1	73
140	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, 103501.	4.7	112
141		1.6	4
142	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
143	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
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