

dr hab. ŁUKASZ STAWARZ
LIST OF REFEREED PUBLICATIONS

total refereed publications = 380; total citations = 32,359, H-index = 88
(as of April 2025, according to the SAO/NASA Astrophysics Data System [ADS])

2025

380. Kunert-Bajraszewska, M., Krauze, A., Kimball, A.E., **Stawarz, Ł.**, Kharb, P., Stern, D., Mooley, K., Nyland, K., & Koziel-Wierzbowska, D.
‘VLASS-based Survey of Transition State Galaxies and Their Relationship to Compact Peaked-spectrum Radio Sources’
2025, The Astrophysical Journal Supplement Series, 277, 50
379. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘The H.E.S.S. extragalactic sky survey with the first decade of observations’
2025, Astronomy & Astrophysics, 695, 261
378. Alispach, C., et al. [for the SST-1M Collaboration]
‘The SST-1M imaging atmospheric Cherenkov telescope for gamma-ray astrophysics’,
2025, Journal of Cosmology and Astroparticle Physics, 2025, 047
377. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘Detection of very high-energy gamma-ray emission from Eta Carinae during its 2020 periastron passage’
2025, Astronomy & Astrophysics, 694, A328

2024

376. Algaba, J.C., et al. [for the H.E.S.S. Collaboration]
‘Broadband multi-wavelength properties of M87 during the 2018 EHT campaign including a very high energy flaring episode’
2024, Astronomy & Astrophysics, 692, A140
375. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘High-Statistics Measurement of the Cosmic-Ray Electron Spectrum with H.E.S.S.’
2024, Physical Review Letters, 133, 221001
374. Abe, K., et al. [for the CTA Consortium]
‘Prospects for a survey of the galactic plane with the Cherenkov Telescope Array’
2024, Journal of Cosmology and Astroparticle Physics, 10, id.081
373. Abe, K., et al. [for the CTA Consortium]
‘Prospects for γ -ray observations of the Perseus galaxy cluster with the Cherenkov Telescope Array’
2024, Journal of Cosmology and Astroparticle Physics, 10, id.004
372. Abe, K., et al. [for the CTA Consortium]
‘Dark Matter Line Searches with the Cherenkov Telescope Array’
2024, Journal of Cosmology and Astroparticle Physics, 07, 047
371. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘Very-high-energy γ -Ray Emission from Young Massive Star Clusters in the Large Magellanic Cloud’
2024, The Astrophysical Journal Letters, 970, L21,
370. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. observations of the 2021 periastron passage of PSR B1259-63/LS 2883’
2024, Astronomy & Astrophysics, 687, A219

369. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Spectrum and extension of the inverse-Compton emission of the Crab Nebula from a combined Fermi-LAT and H.E.S.S. analysis'
2024, *Astronomy & Astrophysics*, 686, A308
368. Król, D.L., Sobolewska, M., **Stawarz, L.**, Siemiginowska, A., Migliori, G., Principe, G., & Gurwell, M.A.
'On the Origin of the X-ray Emission in Heavily Obscured Compact Radio Sources'
2024, *The Astronomical Journal*, 966, 201
367. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Curvature in the very-high energy gamma-ray spectrum of M87'
2024, *Astronomy & Astrophysics*, 685, A96
366. Bronzini, E., Migliori, G., Vignali, C., Sobolewska, M., **Stawarz, L.**, Siemiginowska, A., Orienti, M., D'Ammando, F., Giroletti, M., Principe, G., & Balasubramanian, K.
'Investigating X-ray Emission in the GeV-emitting Compact Symmetric Objects PKS 1718-649 and TXS 1146+596'
2024, *Astronomy & Astrophysics*, 684, A65
365. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'TeV flaring activity of the AGN PKS 0625-354 in November 2018'
2024, *Astronomy & Astrophysics*, 683, A70
364. Rałowski, M., Hryniewicz, K., Pollo, A., & **Stawarz, L.**
'Covering factor in AGNs: evolution versus selection'
2024, *Astronomy & Astrophysics*, 682, A120
363. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Acceleration and transport of relativistic electrons in the jets of the microquasar SS 433'
2024, *Science*, 383, 402

2023

362. Kosmaczewski, E., **Stawarz, L.**, Cheung, C.C., Bamba, A., Karska, A., & Rocha, W.R.M.
'Multiwavelength Study of Dark Globule DC 314.8-5.1: Point-source Identification and Diffuse Emission Characterization'
2023, *the Astrophysical Journal*, 959, 37
361. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of a radiation component from the Vela pulsar reaching 20 teraelectronvolts'
2023, *Nature Astronomy*, 7, 1341
360. Migliori, G., Siemiginowska, A., Sobolewska, M., Cheung, C. C., **Stawarz, L.**, Schwartz, D., Snios, B., Saxena, A., & Kashyap, V.
'The extremely X-ray luminous radio-loud quasar CFHQS J142952+544717 at $z = 6.18$ under Chandra high-angular resolution lens'
2023, *Monthly Notices of the Royal Astronomical Society*, 524, 1087
359. Acharyya, A., et al. [for the H.E.S.S. Collaboration]
'Multiwavelength Observations of the Blazar PKS 0735+178 in Spatial and Temporal Coincidence with an Astrophysical Neutrino Candidate IceCube-211208A'
2023, *the Astrophysical Journal*, 954, 70
358. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'The vanishing of the primary emission region in PKS 1510-089'
2023, *the Astrophysical Journal Letters*, 952, L38

357. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*Constraining the cosmic-ray pressure in the inner Virgo Cluster using H.E.S.S. observations of M87*'
2023, *Astronomy & Astrophysics*, 675, A138
356. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*Detection of extended gamma-ray emission around the Geminga pulsar with H.E.S.S.*'
2023, *Astronomy & Astrophysics*, 673, A148
355. Sobolewska, M., Siemiginowska, A., Migliori, G., Ostorero, L., **Stawarz, L.**, & Guainazzi, M.
'*Obscuring Environment and X-Ray Variability of Compact Symmetric Objects Unveiled with XMM-Newton and NuSTAR*'
2023, *the Astrophysical Journal*, 948, 81
354. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*Search for the evaporation of primordial black holes with H.E.S.S.*'
2023, *Journal of Cosmology and Astroparticle Physics*, 2023, 040
353. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*H.E.S.S. J1809–193: a halo of escaped electrons around a pulsar wind nebula?*'
2023, *Astronomy & Astrophysics*, 672, A103
352. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*H.E.S.S. Follow-up Observations of GRB 221009A*'
2023, *The Astrophysical Journal Letters*, 946, L27
351. Wójtowicz, A., **Stawarz, L.**, Cheung, C.C., Werner, N., & Rudka, D.
'*Radio Emission of Nearby Early-type Galaxies at Low and Very-Low Radio Luminosity Range*'
2023, *the Astrophysical Journal*, 944, 195
350. Król, D. L., **Stawarz, L.**, Krzesiński, J., & Cheung, C. C.
'*Gravitational Microlensing Events in the Optical Lightcurve of Active Galaxy S5 0716+714*'
2023, *the Astrophysical Journal*, 943, 171

2022

349. Abe, H., et al. [for the H.E.S.S. Collaboration]
'*Gamma-ray observations of MAXI J1820+070 during the 2018 outburst*'
2022, *Monthly Notices of the Royal Astronomical Society*, 517, 4736
348. Thimmappa, R., **Stawarz, L.**, Neilsen, J., Ostrowski, M., & Reville, B.
'*X-ray Spectral Analysis of the Jet Termination Shock in Pictor A on Sub-Arcsecond Scales with Chandra*'
2022, *the Astrophysical Journal*, 941, 204
347. Sobolewska, M., Migliori, G., Ostorero, L., Siemiginowska, A., **Stawarz, L.**, et al.
'*The Origin of High Energy Emission in the Young Radio Source PKS 1718–649*'
2022, *the Astrophysical Journal*, 941, 52
346. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*A deep spectromorphological study of the γ -ray emission surrounding the young massive stellar cluster Westerlund 1*'
2022, *Astronomy & Astrophysics*, 666, A124
345. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'*Search for dark matter annihilation signals in the H.E.S.S. Inner Galaxy Survey*'
2022, *Physical Review Letters*, 129, 111101
344. Zdziarski, A. A., **Stawarz, L.**, Sikora, M., & Nalewajko
'*A simple analytical model of magnetic jets*'
2022, *Monthly Notices of the Royal Astronomical Society*, 515, L17

343. Kosmaczewski, E., **Stawarz, L.**, Rocha, W.R.M., Shenoy, S.S., & Karska, A.
‘Spectroscopic Diagnostics of the Mid-infrared Features of the Dark Globule DC 314.8-5.1 with the Spitzer Space Telescope’
2022, the Astrophysical Journal, 934, 94
342. Markowitz, A. G., Nalewajko, K., Bhatta, G., Dewangan, G. C., et al.
‘Rapid X-ray Variability in Mkn 421 during a Multiwavelength Campaign’
2022, Monthly Notices of the Royal Astronomical Society, 513, 1662
341. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘Evidence for γ -ray emission from the remnant of Kepler’s SN based on deep H.E.S.S. observations’
2022, Astronomy & Astrophysics, 662, A65
340. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
‘Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi’
2022, Science, 376, 77
339. Król, D. L., **Stawarz, L.**, Begelman, M. C., Marti, J.-M., Perucho, M., & Petrenko, B. A.
‘Magnetization of Relativistic Current-Carrying Jets with Radial Velocity Shear’
2022, the Astrophysical Journal, 929, 181
338. Goyal, A., Soida, M., **Stawarz, L.**, Wiita, P. J., Nilsson, K., et al.
‘Multiwavelength variability power spectrum analysis of the blazars 3C 279 and PKS 1510–089 on multiple timescales’
2022, the Astrophysical Journal, 927, 214

2021

337. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. follow-up observations of Binary Black Hole Coalescence events during the second and third Gravitational Waves observing runs of Advanced LIGO and Advanced Virgo’
2021, the Astrophysical Journal, 923, 109
336. Wójtowicz, A., **Stawarz, L.**, Machalski, J., & Ostorero, L.
‘A Novel Method for Estimating the Ambient Medium Density Around Distant Radio Sources from Their Observed Radio Spectra’
2021, the Astrophysical Journal, 922, 197
335. Balasubramaniam, K., **Stawarz, L.**, Cheung, C. C., Sobolewska, M., Marchenko, Thimmappa, R., Król, D.L., Migliori, G. & Siemiginowska, A.
‘X-ray Emission of the γ -ray Loud Young Radio Galaxy NGC 3894’
2021, the Astrophysical Journal, 922, 84
334. Thimmappa, R., **Stawarz, L.**, Pajdosz-Śmierciak, U., Balasubramaniam, K., & Marchenko, V.
‘Complex Structure of the Eastern Lobe of the Pictor A Radio Galaxy: Spectral Analysis and X-ray/Radio Correlations’
2021, the Astrophysical Journal, 921, 44
333. Kosmaczewski, E., **Stawarz, L.**, Cheung, C. C., Koziel-Wierzbowska, D., Marchenko, V., Ostorero, L., Siemiginowska, A., Sobolewska, M., & Wójtowicz, A.
‘Mid-infrared properties of a sample of the most compact radio galaxies’
2021, Astronomische Nachrichten, 342, 1102
332. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘LMC N132D: A mature supernova remnant with a power-law γ -ray spectrum extending beyond 8 TeV’
2021, Astronomy & Astrophysics, 655, A7
331. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio

Bursting Phase

2021, the Astrophysical Journal, 919, 106

330. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.'
2021, the Astrophysical Journal, 918, 17
329. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Evidence of 100 TeV γ -ray emission from HESS J1702-420: A new PeVatron candidate'
2021, Astronomy & Astrophysics, 653, A152
328. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.'
2021, the Astrophysical Journal, 917, 6
327. Abe, K., et al. [for the Hyper-Kamiokande Collaboration]
'Supernova Model Discrimination with Hyper-Kamiokande'
2021, the Astrophysical Journal, 916, 15
326. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Revealing x-ray and gamma-ray temporal and spectral similarities in the GRB 190829A afterglow'
2021, Science, 372, 1081
325. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.'
2021, Physical Review D, 103, 102002
324. Algaba, J. C., et al. [for the H.E.S.S. Collaboration]
'Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign'
2021, The Astrophysical Journal Letters, 911, L11
323. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy γ -ray flare in PKS 1510-089 in May 2016'
2021, Astronomy & Astrophysics, 648, A23

2020

322. Balasubramaniam, K., **Stawarz, L.**, Marchenko, V., Sobolewska, M., Cheung, C. C., Siemiginowska, A., Thimmappa, R., & Kosmaczewski, E.
'Chandra View of the LINER-type Nucleus in the Radio-Loud Galaxy CGCG 292-057: Ionized Iron Line and Jet-ISM Interactions'
2020, the Astrophysical Journal, 905, 148
321. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'An extreme particle accelerator in the Galactic plane: HESS J1826-130'
2020, Astronomy & Astrophysics, 644, A112
320. Thimmappa, R., **Stawarz, L.**, Marchenko, V., Balasubramaniam, K., Cheung, C.C., & Siemiginowska, A.
'Chandra Imaging of the Western Hotspot in the Radio Galaxy Pictor A: Image Deconvolution and Variability Analysis'
2020, the Astrophysical Journal, 903, 109
319. Król, D.L., Marchenko, V., Ostrowski, M., & **Stawarz, L.**
'An Analysis of Soft X-ray Structures at Kpc Distances from the Active Nucleus of Cen A Galaxy'
2020, the Astrophysical Journal, 903, 107
318. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Search for dark matter signals towards a selection of recently-detected DES dwarf galaxy satellites of the

317. Snios, B., Siemiginowska, A., Sobolewska, M., Cheung, C. C., Kashyap, V., Migliori, G., Schwartz, D.A., **Stawarz, L.**, & Worrall, D.M.
'X-ray Properties of Young Radio Quasars at $z > 4.5$ '
2020, the Astrophysical Journal, 899, 127
316. Kosmaczewski, E., **Stawarz, L.**, Siemiginowska, A., Cheung, C. C., Ostorero, L., Sobolewska, M., Koziel-Wierzbowska, D., Wójtowicz, A., & Marchenko, V.
'Mid-Infrared Diagnostics of the Circumnuclear Environments of the Youngest Radio Galaxies'
2020, the Astrophysical Journal, 897, 164
315. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Simultaneous observations of the blazar PKS 2155–304 from ultra-violet to TeV energies'
2020, Astronomy & Astrophysics, 639, 42
314. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Resolving acceleration to very high energies along the jet of Centaurus A'
2020, Nature, 582, 356
313. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations'
2020, The Astrophysical Journal Letters, 894, L16
312. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Very high energy γ -ray emission from two blazars of unknown redshift and upper limits on their distance'
2020, Monthly Notices of the Royal Astronomical Society, 494, 5590
311. Wójtowicz, A., **Stawarz, L.**, Cheung, C. C., Ostorero, L., Kosmaczewski, E., & Siemiginowska, A.
'On the Jet Production Efficiency in a Sample of the Youngest Radio Galaxies'
2020, the Astrophysical Journal, 892, 116
310. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Detection of very-high-energy γ -ray emission from the colliding wind binary η Car with H.E.S.S.'
2020, Astronomy & Astrophysics, 635, 167
309. Pasierb, M., Goyal, A., Ostrowski, M., **Stawarz, L.**, Wiita, P. J., et al.
'Multiband optical flux density and polarization microvariability study of optically bright blazars'
2020, Monthly Notices of the Royal Astronomical Society, 492, 1295
308. Żywucka, N., Tarnopolski, M., Böttcher, M., **Stawarz, L.**, Marchenko, & V.
'Optical Variability Modeling of Newly Identified Blazar Candidates behind Magellanic Clouds'
2020, the Astrophysical Journal, 888, 107
307. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. detection of very high-energy γ -ray emission from the quasar PKS 0736+017'
2020, Astronomy & Astrophysics, 633, 162
306. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. and Fermi-LAT observations of PSR B1259-63/LS 2883 during its 2014 and 2017 periastron passages'
2020, Astronomy & Astrophysics, 633, 102
305. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Resolving the Crab pulsar wind nebula at teraelectronvolt energies'
2020, Nature Astronomy, 4, 167

304. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘A very-high-energy component deep in the γ -ray burst afterglow’
 2019, Nature, 575, 464
303. Sobolewska, M., Siemiginowska, A., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., & **Stawarz, L.**
‘First Hard X-Ray Observation of a Compact Symmetric Object: A Broadband X-Ray Study of a Radio Galaxy OQ+208 with NuSTAR and Chandra’
 2019, the Astrophysical Journal, 884, 166
302. Acharyya, A., et al. [for the CTA Consortium]
‘Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout’
 2019, Astroparticle Physics, 111, 35
301. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830–211’
 2019, Monthly Notices of the Royal Astronomical Society, 486, 3886
300. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘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.’
 2019, Astronomy & Astrophysics, 627, 159
299. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula’
 2019, Astronomy & Astrophysics, 627, 100
298. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Upper Limits on Very-High-Energy γ -ray Emission from Core-Collapse Supernovae Observed with H.E.S.S.’
 2019, Astronomy & Astrophysics, 626, 57
297. Zdziarski, A.A., **Stawarz, L.**, & Sikora, M.
‘The effect of adiabatic losses on spectra of stationary jets and the origin of soft radio spectra of accreting black hole sources’
 2019, Monthly Notices of the Royal Astronomical Society, 485, 1210
296. Gupta, A.C., Gaur, H., Wiita, P.J., Pandey, A., Kushwaha, P., Hu, S.M., Kurtanidze, et al.
‘Characterizing Optical Variability of OJ 287 in 2016–2017’
 2019, the Astronomical Journal, 157, 95
295. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘VHE γ -ray discovery and multi-wavelength study of the blazar 1ES 2322–409’
 2019, Monthly Notices of the Royal Astronomical Society, 482, 3011
294. Sobolewska, M., Siemiginowska, A., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., & **Stawarz, L.**
‘The Impact of the Environment on the Early Stages of Radio Source Evolution’
 2019, the Astrophysical Journal, 871, 71
293. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘The 2014 TeV γ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation’
 2019, the Astrophysical Journal, 870, 93
292. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Particle Transport within the Pulsar Wind Nebula HESS J1825–137’
 2019, Astronomy & Astrophysics, 621, 116

2018

291. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Detection of polarized γ -ray emission from the Crab nebula with Hitomi Soft Gamma-ray Detector'
 2018, Publications of the Astronomical Society of Japan, 70, 113
290. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'First Ground-based Measurement of Sub-20 GeV to 100 GeV γ -rays from the Vela Pulsar with H.E.S.S. II'
 2018, Astronomy & Astrophysics, 620, 66
289. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Searches for γ -ray lines and 'pure WIMP' spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.'
 2018, The Journal of Cosmology and Astroparticle Physics, 11, 037
288. Pajdosz-Śmierciak, U., Jamrozy, M., Soida, M., & **Stawarz, Ł.**
'Megaparsec-Scale radio Structure Associated with a Hybrid Blazar SBS B1646+499: Episodic jet Activity with Precessing Axis'
 2018, the Astrophysical Journal, 868, 64
287. Żywucka, N., Goyal, A., Jamrozy, M., **Stawarz, Ł.**, Ostrowski, M., Kozłowski, S., & Udalski, A.
'Identification of Blazars Candidates Behind Small and Large Magellanic Clouds'
 2018, the Astrophysical Journal, 867, 131
286. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'The γ -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT'
 2018, Astronomy & Astrophysics, 619, 71
285. Bhatta, G., **Stawarz, Ł.**, Markowitz, A., Balasubramaniam, K., Zola, S., Zdziarski, A.A., Jamrozy, M., Ostrowski, M., Kuzmich, A., Ogłóza, W., Drózdź, M., Siwak, M., Koziel-Wierzbowska, D., Debski, B., Kundera, T., Stachowski, G., Machalski, J., Paliya, V.S., & Caton, D.B.
'Signatures of the Disk-Jet Coupling in the Broad-line Radio Quasar 4C+74.26'
 2018, the Astrophysical Journal, 866, 132
284. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT'
 2018, Astronomy & Astrophysics, 617, 73
283. Goyal, A., **Stawarz, Ł.**, Zola, S., Marchenko, V., Soida, M., Nilsson, K., Ciprini, S., et al.
'Stochastic modeling of multiwavelength variability of the classical BL Lac object OJ 287 on timescales ranging from decades to hours'
 2018, the Astrophysical Journal, 863, 175
282. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Hitomi X-ray Observation of the Pulsar Wind Nebula G21.5–0.9'
 2018, Publications of the Astronomical Society of Japan, 70, 38
281. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Search for γ -ray line signals from dark matter annihilations in the inner Galactic halo from ten years of observations with H.E.S.S.'
 2018, Physical Review Letters, 120, 201101
280. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. discovery of very high energy gamma-ray emission from PKS 0625–354'
 2018, Monthly Notices of the Royal Astronomical Society, 476, 4187
279. Takahashi, T., et al. [for the *Hitomi* Collaboration]:
'Hitomi (ASTRO-H) X-ray Astronomy Satellite'
 2018, Journal of Astronomical Telescopes, Instruments, and Systems, 4, 021402
278. Ahnen, M.L., et al. [for the H.E.S.S. Collaboration]
'Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations'
 2018, Astronomy & Astrophysics, 612, 14

277. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘HESS J1741-302: a hidden accelerator in the Galactic plane’
 2018, *Astronomy & Astrophysics*, 612, 13
276. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars’
 2018, *Astronomy & Astrophysics*, 612, 12
275. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
*‘Extended VHE γ -ray emission towards SGR1806–20, LBV1806–20, and stellar cluster Cl*1806–20’*
 2018, *Astronomy & Astrophysics*, 612, 11
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