

dr hab. ŁUKASZ STAWARZ
LIST OF REFEREED PUBLICATIONS

total refereed publications = 345; total citations = 25,481; H-index = 79
(as of June 2022, according to the SAO/NASA Astrophysics Data System [ADS])

2022

345. Sobolewska, M., Migliori, G., Ostorero, L., Siemiginowska, A., **Stawarz, Ł.**, et al.
'The Origin of High Energy Emission in the Young Radio Source PKS 1718-649'
2022, the Astrophysical Journal, submitted (arXiv:2111.02611)
344. Kosmaczewski, E., **Stawarz, Ł.**, 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, in press (arXiv:2108.04724)
343. 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, in press (arXiv:2201.05839)
342. Zdziarski, A. A., **Stawarz, Ł.**, Sikora, M., & Nalewajko
'A simple analytical model of magnetic jets'
2022, Monthly Notices of the Royal Astronomical Society, in press (arXiv:2204.11637)
341. 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
340. Król, D. L., **Stawarz, Ł.**, 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
339. 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
338. Goyal, A., Soida, M., **Stawarz, Ł.**, 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, Ł.**, 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

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 Milky Way with H.E.S.S.’
 2020, Physical Review D, 102, 062001
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, Ł.**, 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

2019

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, Ł.**
‘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, Ł.**, & 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, Ł.**
‘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., Kozieł-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
274. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*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*’
2018, Astronomy & Astrophysics, 612, 10
273. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.*’
2018, Astronomy & Astrophysics, 612, 9
272. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*A search for new supernova remnant shells in the Galactic plane with H.E.S.S.*’
2018, Astronomy & Astrophysics, 612, 8
271. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*Deeper H.E.S.S. Observations of Vela Junior (RX J0852.0–4622): Morphology Studies and Resolved Spectroscopy*’
2018, Astronomy & Astrophysics, 612, 7
270. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*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*’
2018, Astronomy & Astrophysics, 612, 6
269. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘*The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT*’
2018, Astronomy & Astrophysics, 612, 5

268. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Detailed spectral and morphological analysis of the shell type SNR RCW 86'
 2018, *Astronomy & Astrophysics*, 612, 4
267. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Population study of Galactic supernova remnants at very high γ -ray energies with H.E.S.S.'
 2018, *Astronomy & Astrophysics*, 612, 3
266. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'The Population of TeV Pulsar Wind Nebulae in the H.E.S.S. Galactic Plane Survey'
 2018, *Astronomy & Astrophysics*, 612, 2
265. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'The H.E.S.S. Galactic plane survey'
 2018, *Astronomy & Astrophysics*, 612, 1
264. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Glimpse of the highly obscured HMXB IGR J16318-4848 with Hitomi'
 2018, *Publications of the Astronomical Society of Japan*, 70, 17
263. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Hitomi Observations of the LMC SNR N132D: Highly Redshifted X-ray Emission from Iron Ejecta'
 2018, *Publications of the Astronomical Society of Japan*, 70, 16
262. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Hitomi X-ray studies of Giant Radio Pulses from the Crab pulsar'
 2018, *Publications of the Astronomical Society of Japan*, 70, 15
261. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Search for Thermal X-ray Features from the Crab nebula with Hitomi Soft X-ray Spectrometer'
 2018, *Publications of the Astronomical Society of Japan*, 70, 14
260. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Hitomi Observation of Radio Galaxy NGC 1275: The First X-ray Microcalorimeter Spectroscopy of Fe- $K\alpha$ Line Emission from an Active Galactic Nucleus'
 2018, *Publications of the Astronomical Society of Japan*, 70, 13
259. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi'
 2018, *Publications of the Astronomical Society of Japan*, 70, 12
258. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Temperature Structure in the Perseus Cluster Core Observed with Hitomi'
 2018, *Publications of the Astronomical Society of Japan*, 70, 11
257. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Measurements of resonant scattering in the Perseus cluster core with Hitomi SXS'
 2018, *Publications of the Astronomical Society of Japan*, 70, 10
256. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Atmospheric gas dynamics in the Perseus cluster observed with Hitomi'
 2018, *Publications of the Astronomical Society of Japan*, 70, 9
255. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Detection of variable VHE γ -ray emission from the extra-galactic gamma-ray binary LMC P3'
 2018, *Astronomy & Astrophysics*, 610, L17

254. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘TeV gamma-ray observations of the binary neutron star merger GW170817 with H.E.S.S.’
 2017, the Astrophysical Journal Letters, 850, L22
253. Aharonian, F., et al. [for the *Hitomi* Collaboration]
‘Solar abundance ratios of the iron-peak elements in the Perseus cluster’
 2017, Nature, 551, 478
252. Żywucka, N., Goyal, A., Jamrozy, M., **Stawarz, Ł.**, Ostrowski, M., Kozłowski, S., & Udalski, A.
‘Identification of the OGLE Blazars behind the Large and Small Magellanic Clouds’
 2017, Galaxies, 5, 88
251. Ostorero, L., Morganti, R., Diaferio, A., Siemiginowska, A., **Stawarz, Ł.**, Moderski, R., & Labiano, A.
‘Correlation Between X-ray and Radio Absorption in Compact Radio Galaxies’
 2017, the Astrophysical Journal, 849, 34
250. Ajello, M., et al. [for the *Fermi*-LAT Collaboration]
‘3FHL: The Third Catalog of Hard Fermi-LAT Sources’
 2017, The Astrophysical Journal Supplement Series, 232, 18
249. Abbott, B.P., et al. [for the H.E.S.S. Collaboration]
‘Multi-messenger Observations of a Binary Neutron Star Merger’
 2017, The Astrophysical Journal Letters, 848, L12
248. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Measurement of the EBL spectral energy distribution using VHE γ -ray spectra of H.E.S.S. blazars’
 2017, Astronomy & Astrophysics, 606, 59
247. Harris, D.E. Lee, N.P., Schwartz, D.A., Siemiginowska, A., Massaro, F., Birkinshaw, M., Worrall, D.M.,
 Cheung, C.C., Gelbord, J.M., Jorstad, S.G., Marscher, A.P., Landt, H., Marshall, H., Perlman, E.S.,
Stawarz, Ł., Uchiyama, Y., & Urry, C.M.
‘A Multi-band Study of the Remarkable Jet in Quasar 4C+19.44’
 2017, the Astrophysical Journal, 846, 119
246. Abdollahi, S., et al. [for the *Fermi*-LAT Collaboration]
‘The second catalog of flaring gamma-ray sources from the Fermi All-sky Variability Analysis’
 2017, The Astrophysical Journal, 846, 34
245. Petroff, E., et al. [for the H.E.S.S. Collaboration]
‘A polarized fast radio burst at low Galactic latitude’
 2017, Monthly Notices of the Royal Astronomical Society, 469, 4465
244. Marchenko, V., Harris, D.E., Ostrowski, M., **Stawarz, Ł.**, Bohdan, A., Jamrozy, M., & Hnatyk, B.
‘Novel Analysis of the Multiwavelength Structure of Relativistic Jet in Quasar 3C 273’
 2017, the Astrophysical Journal, 844, 11
243. Masters, A., Sulaiman, A.H., **Stawarz, Ł.**, Reville, B., Sergis, N., Fujimoto, M., Burgess, D., Coates, A.J.,
 & Dougherty, M. K.
‘An In Situ Comparison of Electron Acceleration at Collisionless Shocks Under Differing Upstream Magnetic Field Orientations’
 2017, the Astrophysical Journal, 843, 147
242. Acero, F., et al. [for the CTA Consortium]
‘Prospects for CTA Observations of the Young Supernova Remnant RX J1713.7–3946’
 2017, the Astrophysical Journal, 840, 74
241. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
‘Gamma-ray blazar spectra with H.E.S.S. II mono analysis: the case of PKS 2155-304 and PG 1553+113’
 2017, Astronomy & Astrophysics, 600, 89

240. Tombesi, F., Mushotzky, R.F., Reynolds, C.S., Kallman, T., Reeves, J.N., Braito, V., Ueda, Y., Leutenegger, M.A., Williams, B.J., **Stawarz, L.**, & Cappi, M.
'Feeding and Feedback in the Powerful Radio Galaxy 3C 120'
 2017, the Astrophysical Journal, 838, 16
239. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'HITOMI Constraints on the 3.5 keV Line in Perseus'
 2017, the Astrophysical Journal Letters, 837, L15
238. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]
'Gamma-ray Blazars Within the First 2 Billion Years'
 2017, the Astrophysical Journal Letters, 837, L5
237. Goyal, A., **Stawarz, L.**, Ostrowski, M., Larionov, V., Gopal-Krishna, Wiita, P.J., Joshi, S., Soida, M., & Agudo, I.
'Multi-wavelength variability study of the classical BL Lac object PKS 0735+178 on timescales ranging from decades to minutes'
 2017, the Astrophysical Journal, 837, 127
236. Aguilar, J. A., et al. [for the CTA Consortium]
'Characterization and commissioning of the SST-1M camera for the Cherenkov Telescope Array'
 2017, Nuclear Instruments and Methods in Physics Research A, 845, 350
235. Heller, M., et al. [for the CTA Consortium]
'An innovative silicon photomultiplier digitizing camera for gamma-ray astronomy'
 2017, The European Physical Journal C, 77, 47
234. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Characterizing the γ -ray long-term variability of PKS 2155-304 with H.E.S.S. and Fermi-LAT'
 2017, Astronomy & Astrophysics, 598, 39
233. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst: H.E.S.S. observations of FRB 150418'
 2017, Astronomy & Astrophysics, 597, 115

2016

232. McKeough, K., Siemiginowska, A., Cheung, C.C., **Stawarz, L.**, Kashyap, V.L., Stein, N., Stampoulis, V., van Dyk, D.A., Wardle, J. F. C., Lee, N. P., Harris, D.E., Schwartz, D.A., Donato, D., Maraschi, L., & Tavecchio, F.
'Detecting Relativistic X-ray Jets in High-redshift Quasars'
 2016, the Astrophysical Journal, 833, 123
231. Bhatta, G., Zola, S., **Stawarz, L.**, Ostrowski, M., Winiarski, M., Ogłóza, W., Drózdź, M., Siwak, M., Liakos, A., Koziel-Wierzbowska, D., Gazeas, K., Debski, B., Kundera, T., Stachowski, G., & Paliya, V.S.
'Detection of Possible Quasi-periodic Oscillations in the Long-term Optical Light Curve of the BL Lac Object OJ 287'
 2016, the Astrophysical Journal, 832, 47
230. Bhatta, G., **Stawarz, L.**, Ostrowski, M., Markowitz, A., Akitaya, H., et al.
'Multifrequency Photo-polarimetric WEBT Observation Campaign on the Blazar S5 0716+714: Source Microvariability and Search for Characteristic Timescales'
 2016, the Astrophysical Journal, 831, 92
229. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. limits on line-like dark matter signatures in the 100 GeV to 2 TeV energy range close to the

- Galactic Centre*
2016, Physical Review Letters, 117, 151302
228. Goyal, A., **Stawarz, L.**, Ostrowski, M., & Larionov, V.
'Radio-to- γ -ray, broadband variability study of the classical BL Lac object PKS+0735+178'
2016, Galaxies, 4, 42
227. Machalski, J., Jamrozy, M., **Stawarz, L.**, & Weżgowiec, M.
'Dynamical analysis of the complex radio structure in 3C 293: Clues on a rapid jet realignment in X-shaped radio galaxies'
2016, Astronomy & Astrophysics, 595, 46
226. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'Search for dark matter annihilations towards the inner Galactic halo from 10 years of observations with H.E.S.S.'
2016, Physical Review Letters, 117, 111301
225. Aguilar, J.A., et al. [for the CTA Consortium]
'The front-end electronics and slow control of large area SiPM for the SST-1M camera developed for the CTA experiment'
2016, Nuclear Inst. and Methods in Physics Research A, 830, 219
224. Kataoka, J., & **Stawarz, L.**
'Inverse Compton X-ray Emission from TeV blazar Mrk 421 During a Historical Low-Flux State Observed with NuSTAR'
2016, the Astrophysical Journal, 827, 55
223. Cheung, C.C., Jean, P., Shore, S.N., Corbet, R.H.D., Knödseder, J., Starrfield, S., **Stawarz, L.**, Wood, D.L., Desiante, R., Longo, F., Pivato, G., & Wood, K.S.
'Fermi LAT γ -ray Detections of Classical Novae V1369 Cen 2013 and V5668 Sag 2015'
2016, the Astrophysical Journal, 826, 142
222. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'The Quiet Intracluster Medium in the Core of the Perseus Cluster'
2016, Nature, 535, 117
221. Masters, A., Sulaiman, A.H., Fujimoto, M., **Stawarz, L.**, Sergis, N., Coates, A.J., & Dougherty, M.
'Suprathermal Electrons at Saturn's Bow Shock'
2016, the Astrophysical Journal, 826, 48
220. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Fermi LAT Detection of Extended γ -ray Emission From the Radio Galaxy Fornax A'
2016, the Astrophysical Journal, 826, 1
219. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Minute-timescale > 100 MeV γ -ray Variability During the Giant Outburst of Quasar 3C 279 Observed by Fermi-LAT in 2015 June'
2016, the Astrophysical Journal Letters, 824, L20
218. Akiyama, K., **Stawarz, L.**, Tanaka, Y.T., Nagai, H., Giroletti, M., & Honma, M.
'EVN Observations of HESS J1943+213: Evidence for an Extreme TeV BL Lac Object'
2016, the Astrophysical Journal Letters, 823, L26
217. Siemiginowska, A., Sobolewska, M., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., & **Stawarz, L.**
'High Energy Radiation of the Youngest Radio Sources and Their Environments'
2016, the Astrophysical Journal, 823, 57
216. Migliori, G., Siemiginowska, A., Sobolewska, M., Loh, A., Corbel, S., Ostorero, L., & **Stawarz, L.**
'First Detection in Gamma-rays of a Young Radio Galaxy: Fermi-LAT Observations of the Compact

- Symmetric Object PKS 1718–649*
2016, the Astrophysical Journal Letters, 821, L31
215. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Acceleration of petaelectronvolt protons in the Galactic Centre’
2016, Nature, 531, 476
214. Hardcastle, M.J., Lenc, E., Birkinshaw, M., Croston, J.H., Goodger, J.L., Marshall, H.L., Siemiginowska, A., **Stawarz, L.**, & Worrall, D.M.
‘Deep Chandra Observations of Pictor A’
2016, Monthly Notices of the Royal Astronomical Society, 455, 3526
213. Ostorero, L., Morganti, R., Diaferio, A., Siemiginowska, A., **Stawarz, L.**, Moderski, R., & Labiano, A.
‘ $N_{\text{H}} - N_{\text{HI}}$ Correlation in Gigahertz-peaked-spectrum Galaxies’
2016, Astronomische Nachrichten, 337, 148
212. Simionescu, A., **Stawarz, L.**, Ichinohe, Y., Cheung, C.C., Jamrozy, M., Siemiginowska, A., Hagino, K., Gandhi, P., & Werner, N.
‘Serendipitous Discovery of an Extended X-ray Jet Without a Radio Counterpart in a High-redshift Quasar’
2016, the Astrophysical Journal Letters, 816, L15

2015

211. Ackermann, M., et al. [for the Fermi LAT Collaboration]
‘The Third Catalog of Active Galactic Nuclei Detected by the Fermi Large Area’
2015, the Astrophysical Journal, 810, 14
210. Bhatta, G., Goyal, A., Ostrowski, M., **Stawarz, L.**, Arkharov, A.A., Akitaya, H., Bachev, R., Benitez, E., Borman, G.A., Carosati, D., Cason, A., Damjanovic, G., Dhalla, S., et al.
‘Discovery of a Highly Polarized Optical Microflare in the Blazar S5 0716+714 During the 2014 WEBT Campaign’
2015, the Astrophysical Journal Letters, 809, L27
209. Saito, S., **Stawarz, L.**, Tanaka, Y.T., Takahashi, T., Sikora, M., & Moderski, R.
‘Time-dependent Modeling of γ -ray Flares in Blazar PKS 1510-089’
2015, the Astrophysical Journal, 809, 171
208. Hagino, K., **Stawarz, L.**, Siemiginowska, A., Cheung, C.C., Koziel-Wierzbowska, D., Szostek, A., Madejski, G., Harris, D.E., Simionescu, A., & Takahashi, T.
‘On the Mergin Cluster Abell 578 and Its Central Radio Galaxy 4C+67.13’
2015, the Astrophysical Journal, 805, 101
207. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Discovery of variable VHE gamma-ray emission from the binary system 1FGL J1018.6-5856’
2015, Astronomy & Astrophysics, 577, 131
206. Agudo, I., Böttcher, M., Falcke, H., Georganopoulos, M., Ghisellini, G., Giovannini, G., Giroletti, M., Gomez, J.-L., Gurvits, L., Laing, R., Lister, M., Marti, J.-M., Meyer, E.T., Mizuno, Y., O’Sullivan, S., Padovani, P., Paragi, Z., Perucho, M., Schleicher, D., **Stawarz, L.**, Vlahakis, N., & Wardle, J.
‘Studies of Relativistic Jets in Active Galactic Nuclei with SKA’
2015, Proceedings of Advancing Astrophysics with the Square Kilometre Array (AASKA14), id.93
205. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘The 2012 flare of PG 1553+113 seen with H.E.S.S. and Fermi-LAT’
2015, the Astrophysical Journal, 802, 65

204. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A'
 2015, *Astronomy & Astrophysics*, 575, 81
203. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.'
 2015, *Physical Review Letters*, 114, 081301
202. Tanaka, Y.T., Doi, A., Inoue, Y., Cheung, C.C., **Stawarz, Ł.**, Fukazawa, Y., Gurwell, M.A., Tahara, M., Kataoka, J., & Itoh, R.
'Six-years of Fermi-LAT and Multi-wavelength Monitoring of the Broad Line Radio Galaxy 3C 120: Jet Dissipation at Sub-parsec scales from the Central Engine'
 2015, *the Astrophysical Journal Letters*, 2015, 799, L18
201. Müller, C., Krauss, F., Dauser, T., Kreikenbohm, A., Beuchert, T., Kadler, M., Ojha, R., Wilms, J., Böck, M., Carpenter, B., Dutka, M., Markowitz, A., McConville, W., Pottschmidt, K., **Stawarz, Ł.**, & Taylor, G.B.
'A Redshifted Fe K α Line from the Unusual γ -ray Source PMN J1603-4904'
 2015, *Astronomy & Astrophysics*, 574, 117
200. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud'
 2015, *Astronomy & Astrophysics*, 574, 100
199. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Probing the γ -ray emission from HESS J1834-087 using H.E.S.S. and Fermi LAT observations'
 2015, *Astronomy & Astrophysics*, 574, 27
198. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'The exceptionally powerful TeV gamma-ray emitters in the Large Magellanic Cloud'
 2015, *Science*, 347, 406
197. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of the VHE γ -ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2'
 2015, *Monthly Notices of the Royal Astronomical Society*, 446, 1163
196. Fukazawa, Y., Finke, J., **Stawarz, Ł.**, Tanaka, Y.T., Itoh, R., & Tokuda, S.
'Suzaku Observations of γ -Ray Bright Radio Galaxies: Origin of the X-ray Emission and Broad-Band Modeling'
 2015, *the Astrophysical Journal*, ApJ, 798, 74
195. Wiercholska, A., Ostrowski, M., **Stawarz, Ł.**, & Wagner, S.
'Longterm Optical Monitoring of Bright BL Lacertae Objects with ATOM: Spectral Variability and Multiwavelength Correlations'
 2015, *Astronomy & Astrophysics*, A&A, 573, 69
194. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'The high-energy γ -ray emission of AP Librae'
 2015, *Astronomy & Astrophysics*, 573, 31

2014

193. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Diffuse Galactic gamma-ray emission with H.E.S.S.'
 2014, *Physical Review D*, 90, 122007

192. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for dark matter annihilation in H.E.S.S. observations of Dwarf Spheroidal Galaxies'
 2014, Physical Review D, 90, 112012
191. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Long-term monitoring of PKS 2155–304 with ATOM and H.E.S.S.: investigation of optical/ γ -ray correlations in different spectral states'
 2014, Astronomy & Astrophysics, 571, 39
190. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of the hard spectrum VHE γ -ray source HESS J1641–463'
 2014, the Astrophysical Journal Letters, 794, 1
189. **Stawarz, Ł.**, Szostek, A., Cheung, C.C., Siemiginowska, A., Koziel-Wierzbowska, D., Werner, N., Simionescu, A., Madejski, G., Begelman, M.C., Harris, D.E., Ostrowski, M., & Hagino, K.
'On the Interaction of the PKS B1358–113 Radio Galaxy with the Abell 1836 Cluster'
 2014, the Astrophysical Journal, 794, 164
188. Tanaka, M., Morokuma, T., Itoh, R., Akitaya, H., Tominaga, N., Saito, Y., **Stawarz, Ł.**, et al.
'Discovery of Dramatic Optical Variability in SDSS J1100+442: A Peculiar Radio-Loud NLS1?'
 2014, the Astrophysical Journal Letters, 2014, 793, 26
187. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'The Spectrum and Morphology of the Fermi Bubbles'
 2014, the Astrophysical Journal, 793, 64
186. Aleksic, J., et al. [for the Fermi LAT Collaboration]
'MAGIC γ -ray and Multifrequency Observations of FSRQ PKS 1510-089 in Early 2012'
 2014, Astronomy & Astrophysics, 569, 46
185. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Fermi Establishes Classical Novae as a New Class of Gamma-Ray Sources'
 2014, Science, 345, 554
184. Zdziarski, A.A., Pjanka, P., Sikora, M., & **Stawarz, Ł.**,
'Jet Contributions to the Broad-Band Spectrum of Cyg X-1 in the Hard State'
 2014, Monthly Notices of the Royal Astronomical Society, 442, 3243
183. Jamrozy, M., **Stawarz, Ł.**, Marchenko, V., Kuzmicz, A., Ostrowski, M., Cheung, C.C., & Sikora, M.
'Peculiar Radio Structures in the Central Regions of Galaxy Cluster Abell 585'
 2014, Monthly Notices of the Royal Astronomical Society, 441, 1260
182. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'TeV observations of young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.'
 2014, Monthly Notices of the Royal Astronomical Society, 441, 790
181. Tanaka, Y.T., **Stawarz, Ł.**, Finke, J., Cheung, C.C., Dermer, C.D., Kataoka, J., Bamba, A., Dubus, G., De Naurois, M., Wagner, S.J., Fukazawa, Y., & Thompson, D.J.
'Extreme Blazar Candidate J1943+213 Studied at High Energies with Suzaku and Fermi-LAT'
 2014, the Astrophysical Journal, 787, 155
180. Zdziarski, A.A., **Stawarz, Ł.**, Pjanka, P., & Sikora, M.
'Jet Models for Black-Hole Binaries in the Hard Spectral State'
 2014, Monthly Notices of the Royal Astronomical Society, 440, 2238
179. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Multifrequency Studies of the Peculiar Quasar 4C+21.35 During the 2010 Flaring Activity'
 2014, the Astrophysical Journal, 786, 157

178. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for TeV γ -ray Emission from GRB 100621A, an extremely bright GRB in X-rays'
 2014, *Astronomy & Astrophysics*, 565, 16
177. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'HESS J1640-465 — an exceptionally luminous TeV γ -ray SNR'
 2014, *Monthly Notices of the Royal Astronomical Society*, 439, 2828
176. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Flux upper limits for 47 AGN observed with H.E.S.S. in 2004-2011'
 2014, *Astronomy & Astrophysics*, 564, 9
175. Żywucka, N., Goyal, A., Jamrozy, M., Ostrowski, M., & **Stawarz, L.**,
'Low-frequency High-resolution Radio Observations of TeV-emitting Blazar SHBLJ001355.9'
 2014, *Astronomy & Astrophysics*, 2014, A&A, 563, 135
174. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Observations of the Crab during its March 2013 GeV γ -Ray Flare'
 2014, *Astronomy & Astrophysics*, 562, 4
173. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for Extended γ -ray Emission around AGN with H.E.S.S. and Fermi-LAT'
 2014, *Astronomy & Astrophysics*, 562, 145
172. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'HESS J1818-154, a new composite supernova remnant discovered in TeV γ rays and X-rays'
 2014, *Astronomy & Astrophysics*, 562, 40
171. Aliu, E., et al. [for the H.E.S.S. Collaboration]
'Long-term TeV and X-ray Observations of the γ -ray Binary HESS J0632+057'
 2014, *the Astrophysical Journal*, 780, 168
170. Migliori, G., Siemiginowska, A., Kelly, B.C., **Stawarz, L.**, Celotti, A., & Begelman, M.C.
'Jet Emission in Young Radio Sources: A Fermi-LAT Gamma-ray View'
 2014, *the Astrophysical Journal*, 780, 165

2013

169. Masters, A., **Stawarz, L.**, Fujimoto, M., Schwartz, S.J., Sergis, N., Thomsen, M.F., Retino, A., Hasegawa, H., Zieger, B., Lewis, G.R., Coates, A.J., Canu, P. & Dougherty, M.K.
'In Situ Observations of High-Mach Number Collisionless Shocks in Space Plasmas'
 2013, *Plasma Physics and Controlled Fusion*, 55, 124035
168. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'The First Fermi-LAT Catalog of Sources Above 10 GeV'
 2013, *the Astrophysical Journal Supplement Series*, 209, 34
167. Hayashida, M., **Stawarz, L.**, Cheung, C.C., Bechtol, K., Madejski, G.M., Ajello, M., Massaro, F., Moskalenko, I.V., Strong, A., & Tibaldo, L.
'Discovery of GeV Emission from the Circinus Galaxy with the Fermi-LAT'
 2013, *the Astrophysical Journal*, 779, 131
166. Kataoka, J., Tahara, M., Totani, T., Sofue, Y., **Stawarz, L.**, Takahashi, Y., Takeuchi, Y., Tsunemi, H., Kimura, M., Takei, Y., Cheung, C.C., Inoue, Y., & Nakamori, T.
'Suzaku Observations of the Diffuse X-ray Emission across the Fermi Bubbles Edges'
 2013, *the Astrophysical Journal*, 779, 57

165. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155-304 energy spectrum’
 2013, Physical Review D, 88, 102003
164. Tanaka, Y.T., Cheung, C.C., Inoue, Y., **Stawarz, L.**, Ajello, M., Dermer, C.D., Wood, D.L., Chekhtman, S., Fukazawa, Y., Mizuno, T., Ohno, M., Paneque, D., & Thompson, D.J.
‘Fermi Large Area Telescope Detection of Two Very-High-Energy ($E > 100$ GeV) γ -ray Photons from the $z = 1.1$ Blazar PKS 0426-380’
 2013, the Astrophysical Journal Letters, 777, L18
163. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Discovery of very high energy γ -ray emission from the BL Lac object PKS 0301-243’
 2013, Astronomy & Astrophysics, 2013, 559, 136
162. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. and Fermi-LAT discovery of γ rays from the blazar 1ES 1312-423’
 2013, Monthly Notices of the Royal Astronomical Society, 434, 1889
161. Cara, M., Perlman, E.S., Uchiyama, Y., Cheung, C.C., Coppi, P.S., Georganopoulos, M., Worrall, D.M., Birkinshaw, M., Sparks, W.B., Marshall, H.L.; **Stawarz, L.**, Begelman, M.C., O’Dea, C.P., & Baum, S.A.
‘Polarimetry and the High-Energy Emission in Quasar Jets. The Case of PKS 1136-135’
 2013, the Astrophysical Journal, 773, 186
160. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. discovery of VHE γ -rays from the quasar PKS 1510-089’
 2013, Astronomy & Astrophysics, 554, 107
159. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Discovery of high and VHE emission from the BL Lac object SHBL J001355.9-185406’
 2013, Astronomy & Astrophysics, 554, 72
158. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Discovery of TeV emission from PKS 0447-439 and derivation of an upper limit on its redshift’
 2013, Astronomy & Astrophysics, 552, 118
157. Masters, A., **Stawarz, L.**, Fujimoto, M., Schwartz, S.J., Sergis, N., Thomsen, M.F., Retino, A., Hasegawa, H., Lewis, G.R., Coates, A.J., Canu, P. & Dougherty, M.K.
‘Electron Acceleration to Relativistic Energies at a Strong Quasi-parallel Shock Wave’
 2013, Nature Physics, 9, 164
156. Saito, S., **Stawarz, L.**, Tanaka, Y.T., Takahashi, T., Madejski, G., & D’Ammando, F.
‘Very Rapid High-Amplitude γ -ray Variability in Luminous Blazar PKS 1510-089 Studied with Fermi-LAT’
 2013, the Astrophysical Journal, 766, L11
155. **Stawarz, L.**, Tanaka, Y.T., Madejski, G., O’Sullivan, S.P., Cheung, C.C., Feain, I.J., Fukazawa, Y., Gandhi, P., Hardcastle, M.J., Kataoka, J., Ostrowski, M., Reville, B., Siemiginowska, A., Simionescu, A., Takahashi, T., Takei, Y., Takeuchi, Y., & Werner, N.
‘Giant Lobes of Centaurus A Radio Galaxy Observed with the Suzaku X-ray Satellite’
 2013, the Astrophysical Journal, 766, 48
154. Takahashi, T., Uchiyama, Y., & **Stawarz, L.**,
‘Multiwavelength Astronomy and CTA: X-rays’
 2013, Astroparticle Physics, 43, 142
153. Acharya, B.S., et al. [for the CTA Consortium]
‘Introducing the CTA concept’
 2013, Astroparticle Physics, 43, 3

152. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Observations of the Binary System PSR B1259-63/LS 2883 around the 2010/2011 Periastron Passage'
 2013, *Astronomy & Astrophysics*, 551, 94
151. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for Very-high-energy γ -ray emission from Galactic globular clusters with H.E.S.S.'
 2013, *Astronomy & Astrophysics*, 551, 26
150. O'Sullivan, S.P., Feain, I.J., McClure-Griffiths, N.M., Ekers, R.D., Carretti, E., Robishaw, T., Mao, S.A., Gaensler, B.M., Bland-Hawthorn, J., & **Stawarz, L.**,
'Thermal Plasma in the Giant Lobes of the Radio Galaxy Centaurus A'
 2013, *the Astrophysical Journal*, 764, 162
149. Singal, J., Petrosian, V., **Stawarz, L.**, & Lawrence, A.
'On the Radio and Optical Luminosity Evolution of Quasars II – The SDSS Sample'
 2013, *the Astrophysical Journal*, 764, 43
148. Katsuta, J., Tanaka, Y.T., **Stawarz, L.**, O'Sullivan, S.P., Cheung, C.C., Kataoka, J., Funk, S., Yuasa, T., Odaka, H., Takahashi, T., & Svoboda, J.
'Fermi-LAT and Suzaku Observations of the Radio Galaxy Centaurus B'
 2013, *Astronomy & Astrophysics*, 550, 66
147. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.'
 2013, *Astronomy & Astrophysics*, 550, 4
146. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for photon line-like signatures from Dark Matter annihilations with H.E.S.S.'
 2013, *Physical Review Letters*, 110, 041301

2012

145. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Constraints on the Galactic Halo Dark Matter from Fermi-LAT Diffuse Measurements'
 2012, *the Astrophysical Journal*, 761, 91
144. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Identification of HESS J1303-631 as a PWN through γ -ray, X-ray and radio observations'
 2012, *Astronomy & Astrophysics*, 548, 46
143. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Probing the extent of non-thermal emission from Vela X region at TeV energies with H.E.S.S.'
 2012, *Astronomy & Astrophysics*, 548, 38
142. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'The Imprint of The Extragalactic Background Light in the γ -Ray Spectra of Blazars'
 2012, *Science*, 338, 1190
141. Matsuta, K., Gandhi, P., Dotani, T., Nakagawa, T., Isobe, N., Ueda, Y., Ichikawa, K., Terashima, Y., Oyabu, S., Yamamura, I. & **Stawarz, L.**,
'IR and Hard X-Ray Diagnostics of AGN Identification from Akari and Swift/BAT Surveys'
 2012, *Publications of The Korean Astronomical Society*, 27, 285
140. D'Ammando, F., Orienti, M., Finke, J., Raiteri, C.M., Angelakis, E., Fuhrmann, L., Giroletti, M., Hovatta, T., Max-Moerbeck, W., Perkins, J., Readhead, A., Richards, J., **Stawarz, L.**, & Donato, D.
'SBS 0846+513: A New γ -ray Emitting Narrow-Line Seyfert 1 Galaxy'
 2012, *Monthly Notices of the Royal Astronomical Society*, 426, 317

139. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Fermi Observations of γ -Ray Emission From the Moon'
 2012, the Astrophysical Journal, 758, 140
138. Sobolewska, M., Siemiginowska, A., Migliori, G., **Stawarz, L.**, Jamrozy, M., Evans, D., & Cheung, C.C.
'Nuclear X-ray Properties of the Peculiar Radio-Loud AGN 4C+29.30'
 2012, the Astrophysical Journal, 758, 90
137. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Spectral analysis and interpretation of the γ -ray emission from the Starburst galaxy NGC 253'
 2012, the Astrophysical Journal, 757, 158
136. Cheung, C.C., **Stawarz, L.**, Siemiginowska, A., Gobeille, D., Wardle, J.F.C., Harris D.E., & Schwartz, D.A.
'Discovery of a Kiloparsec Scale X-ray/Radio Jet in the $z = 4.72$ Quasar GB 1428+4217'
 2012, the Astrophysical Journal Letters, 756, L20
135. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of γ -ray Emission from the Extragalactic Pulsar Wind Nebula N157B with the High Energy Stereoscopic System'
 2012, Astronomy & Astrophysics, 545, L2
134. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Constraints on the γ -ray Emission from the Cluster-Scale AGN Outburst in the Hydra A'
 2012, Astronomy & Astrophysics, 545, 103
133. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'GeV Observations of Star-forming Galaxies with Fermi LAT'
 2012, the Astrophysical Journal, 755, 164
132. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Constraining the High-Energy Emission from Gamma-ray Bursts with Fermi'
 2012, the Astrophysical Journal, 754, 121
131. Hayashida, M., Madejski, G.M., Nalewajko, K., Sikora, M., Wehrle, A.E., et al.
'The structure and emission model of the relativistic jet in the quasar 3C 279 inferred from radio-to- γ -ray observations in 2008-2010'
 2012, the Astrophysical Journal, 754, 114
130. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. observations of Carina nebula and its enigmatic colliding wind binary Eta Carinae'
 2012, Monthly Notices of the Royal Astronomical Society, 424, 128
129. Matsuta, K., Gandhi, P., Dotani, T., Nakagawa, T., Isobe, N., Ueda, Y., Ichikawa, K., Terashima, Y., Oyabu, S., Yamamura, I. & **Stawarz, L.**,
'Infrared and Hard X-ray Diagnostics of AGN Identification From the Swift/BAT and AKARI All-Sky Surveys'
 2012, the Astrophysical Journal, 753, 104
128. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -ray Emission and Multi-wavelength Observations of the BL Lac Object 1RXS J101015.9-311909'
 2012, Astronomy & Astrophysics, 542, 94
127. Siemiginowska, A., **Stawarz, L.**, Cheung, C.C., Aldcroft, T.L., Bechtold, J., Burke, D.J., Evans, D., Holt, J., Jamrozy, M., & Migliori, G.
'Deep Chandra X-ray Imaging of a Nearby Radio Galaxy 4C+29.30: X-ray/Radio Connection'
 2012, the Astrophysical Journal, 750, 124

126. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for Dark Matter Annihilation Signals from the Fornax Galaxy Cluster with H.E.S.S.'
 2012, the Astrophysical Journal, 750, 123
125. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE Emission Towards the Carina Arm Region with H.E.S.S. Telescope Array'
 2012, Astronomy & Astrophysics, 541, 5
124. Takeuchi, Y., Kataoka, J., **Stawarz, Ł.**, Takahashi, Y., Maeda, K., Nakamori, T., Cheung, C.C., Celotti, A., Tanaka, Y., & Takahashi, T.
'Suzaku X-ray Imaging of the Extended Lobe in the Giant Radio Galaxy NGC 6251 Associated with the Fermi-LAT Source 2FGL J1629.4+8236'
 2012, the Astrophysical Journal, 749, 66
123. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Search for γ -ray Emission from X-ray Selected Seyfert Galaxies with Fermi-LAT'
 2012, the Astrophysical Journal, 747, 104 (**contact author**)
122. Takahashi, Y., Kataoka, J., Nakamori, T., Maeda, K., Makiya, R., Totani, T., Cheung, C.C., **Stawarz, Ł.**, Guillemot, L., Freire, P.C.C., & Cognard, I.
'Suzaku X-ray Follow-up Observations of Seven Unassociated Fermi-LAT Gamma-ray Sources at High Galactic Latitudes'
 2012, the Astrophysical Journal, 747, 64
121. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'A multiwavelength view of the flaring state of PKS 2155-304 in 2006'
 2012, Astronomy & Astrophysics, 539, 149
120. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'The 2010 VHE γ -ray Flare & 10 Years of Multi-wavelength Observations of M 87'
 2012, the Astrophysical Journal, 746, 151 (**contact author**)
119. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of hard-spectrum γ -ray emission from the BL Lac object 1ES 0414+009'
 2012, Astronomy & Astrophysics, 538, 103
118. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Discovery of Extended VHE γ -ray Emission from the Vicinity of the Young Massive Stellar Cluster Westerlund 1'
 2012, Astronomy & Astrophysics, 537, 114

2011

117. Actis, M., et al. [for the CTA Consortium]
'Design Concepts for the Cherenkov Telescope Array CTA: An Advanced Facility for Ground-based High-energy Gamma-ray Astronomy'
 2011, Experimental Astronomy, 32, 193
116. Harris, D.E., Massaro, F., Cheung, C.C., Horns, D., Raue, M., **Stawarz, Ł.**, Wagner, S., Colin, P., Mazin, D., Wagner, R., Beilicke, M., LeBohec, S., Hui, M., & Mukherjee, R.
'An Experiment to Locate the Site of TeV Flaring in M87'
 2011, the Astrophysical Journal, 743, 177
115. Perlman, E.S., Adams, S.C., Cara, M., Bourque, M., Harris, D.E., Madrid, J.P., Simons, R.C., Clausen-Brown, E., Cheung, C.C., **Stawarz, Ł.**, Georganopoulos, M., Sparks, W., Biretta, J.
'Optical Polarization and Spectral Variability in the M87 Jet'
 2011, the Astrophysical Journal, 743, 119

114. Singal, J., Petrosian, V., Lawrence, A., & **Stawarz, L.**,
‘On the Radio and Optical Luminosity Evolution of Quasars’
 2011, the Astrophysical Journal, 743, 104
113. Maslyuh, V.O., Hnatyk, B.I., Ostrowski, M., & **Stawarz, L.**,
‘Searching of non-thermal X-ray emission from nearest galaxy clusters with large-scale outburst of active galactic nucleus’
 2011, Astronomical School’s Report, 2011, Vol. 7, Iss. 1, P. 74-77
112. Machalski, J., Jamrozy, M., **Stawarz, L.**, & Koziel-Wierzbowska, D.
‘Understanding Giant Radio Galaxy J1420–0545: Morphology, Environment, and Energetics’
 2011, the Astrophysical Journal, 740, 58
111. Kataoka, J., **Stawarz, L.**, Takahashi, Y., Cheung, C.C., Hayashida, M., Grandi, P., Burnett, T.H., Celotti, A., Fegan, S.J., Fortin, P., Maeda, K., Nakamori, T., Taylor, G.B., Tosti, G., Digel, S.W., McConville, W., & D’Ammando, F.
‘Broad Line Radio Galaxies Observed with Fermi–LAT: A Potential Class of γ -ray Loud AGN’
 2011, the Astrophysical Journal, 740, 29
110. McConville, W., Ostorero, L., Moderski, R., **Stawarz, L.**, Cheung, C.C., Ajello, M., Bouvier, A., Bregeon, J., Donato, D., Finke, J., Furniss, A., McEnery, J.E., Monzani, M.E., Orienti, M., Reyes, L.C., Rossetti, A., & Williams, D.A.
‘Fermi Large Area Telescope Observations of the Active Galaxy 4C+55.17: Steady Gamma-Ray Emission and Broadband Properties’
 2011, the Astrophysical Journal, 738, 148
109. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Simultaneous Multi-wavelength Campaign on PKS 2005-489 in a High State’
 2011, Astronomy & Astrophysics, 533, 110
108. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Discovery of HESS J1356-645 Associated with the Young and Energetic PSR J1357-6429’
 2011, Astronomy & Astrophysics, 533, 103
107. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
‘Fermi-LAT Observations of Mrk 421: the Missing Piece of its Spectral Energy Distribution’
 2011, the Astrophysical Journal, 736, 131
106. Hill, A.B., Szostek, A., Corbel, S., Camilo, F., Corbet, R.H.D., Dubois, R., Dubus, G., Edwards, P.G., Ferrara, E.C., Kerr, M., Koerding, E., Koziel, D., & **Stawarz, L.**,
‘The Bright Unidentified γ -ray Source 1FGL J1227.9-4852: Can It Be an LMXB?’
 2011, Monthly Notices of the Royal Astronomical Society, 415, 235
105. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘H.E.S.S. observations of the globular clusters NGC 6388 and M 15 and search for a Dark Matter signal’
 2011, the Astrophysical Journal, 735, 12
104. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘Very-high-energy γ -ray Emission from the Direction of the Galactic Globular Cluster Terzan 5’
 2011, Astronomy & Astrophysics, 531, 18
103. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
‘A New SNR with TeV Shell-type Morphology: HESS J1731–347’
 2011, Astronomy & Astrophysics, 531, 81
102. Tanaka, Y.T., **Stawarz, L.**, Thompson, D.J., D’Ammando, F., Fegan, S. J., Lott, B., Wood, D.L., Cheung, C.C., Finke, J., Buson, S., Escande, L., Saito, S., Ohno, M., Takahashi, T., Donato, D., Chiang, J., Giroletti, M., Schinzel, F.K., Iafate, G., Longo, F., & Ciprini, S.
‘Fermi LAT Detection of Bright γ -ray Outbursts from a Peculiar Quasar 4C+21.35’
 2011, the Astrophysical Journal, 733, 19

101. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'HESS J1943+213: a candidate extreme BL Lacertae object'
 2011, *Astronomy & Astrophysics*, 529, 49
100. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.'
 2011, *Physical Review Letters*, 106, 161301
99. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 Flare Data Taken on MJD 53944'
 2011, *Astroparticle Physics*, 34, 738
98. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Detection of VHE γ -ray emission from the vicinity of PSR B1706-44 and G343.1-2.3 with H.E.S.S.'
 2011, *Astronomy & Astrophysics*, 528, 143
97. Maeda, K., Kataoka, J., Nakamori, T., **Stawarz, L.**, Makiya, R., Totani, T., Cheung, C.C., Donato, D., Gehrels, N., Saz Parkinson, P., Kanai, Y., Kawai, N., Tanaka, Y., et al.
'Unraveling the Nature of Unidentified High Galactic Latitude LAT γ -ray Sources with Suzaku'
 2011, *the Astrophysical Journal*, 729, 103
96. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Constraints on Dark Matter Annihilations In Sculptor and Carina Dwarf Galaxies'
 2011, *Astroparticle Physics*, 34, 608
95. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Insights Into the High-energy γ -ray Emission of Markarian 501 from Extensive Multifrequency Observations in the Fermi Era'
 2011, *the Astrophysical Journal*, 727, 129 (**contact author**)
94. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Revisiting the Westerlund 2 Field with the H.E.S.S. Telescope Array'
 2011, *Astronomy & Astrophysics*, 525, 46
93. Acero, F., et al. [for the H.E.S.S. Collaboration]
'Discovery and Follow-up Studies of the Extended, Off-Plane, γ -ray Source HESS J1507-622'
 2011, *Astronomy & Astrophysics*, 525, 45

2010

92. Singal, J., **Stawarz, L.**, Lawrence, A., & Petrosian, V.
'Sources of the Radio Background Considered'
 2010, *Monthly Notices of the Royal Astronomical Society*, 409, 1172
91. Ushio, M., **Stawarz, L.**, Takahashi, T., Paneque, D., Madejski, G., Hayashida M., Kataoka, J., Tanaka, Y., Tanaka, T., & Ostrowski, M.
'A Novel Approach in Constraining Electron Spectra in Blazar Jets: The Case of Mrk 421'
 2010, *the Astrophysical Journal*, 724, 1509
90. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'Fermi LAT observations of cosmic-ray electrons from 7 GeV to 1 TeV'
 2010, *Physical Review D*, 82, 092004
89. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -rays from the BL Lac object PKS 0548-322'
 2010, *Astronomy & Astrophysics*, 521, 69

88. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Fermi Large Area Telescope Observations of Misaligned Active Galactic Nuclei'
 2010, the Astrophysical Journal, 720, 912
87. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'VHE γ -ray emission of PKS 2155-304: spectral and temporal variability'
 2010, Astronomy & Astrophysics, 520, 83
86. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Gamma-ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni'
 2010, Science, 329, 817
85. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Fermi Large Area Telescope View of the Core of the Radio Galaxy Centaurus A'
 2010, the Astrophysical Journal, 719, 1433
84. Ackermann, M., et al. [for the Fermi LAT Collaboration]
'GeV γ -ray Flux Upper Limits from Clusters of Galaxies'
 2010, the Astrophysical Journal, 717, 71
83. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Suzaku Observations of Luminous Quasars: Revealing the Nature of High-Energy Blazar Emission in Quiescent States'
 2010, the Astrophysical Journal, 716, 835
82. Ostorero, L., Moderski, R., **Stawarz, Ł.**, Diaferio, A., Kowalska, I., Cheung, C.C., Kataoka, J., Begelman, M.C., & Wagner, S.J.
'X-ray Emitting GHz-Peaked Spectrum Galaxies: Testing a Dynamical-Radiative Model with Broad-Band Spectra'
 2010, the Astrophysical Journal, 715, 1071
81. Acero, F., et al. [for the H.E.S.S. Collaboration]
'First detection of VHE γ -rays from SN 1006 by H.E.S.S.'
 2010, Astronomy & Astrophysics, 516, 62
80. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Multi-wavelength Observations of H 2356-309'
 2010, Astronomy & Astrophysics, 516, 56
79. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Fermi Gamma-ray Imaging of a Radio Galaxy'
 2010, Science, 328, 725 (**contact author**)
78. Kataoka, J., **Stawarz, Ł.**, Cheung, C.C., Tosti, G., Cavazzuti, E., Celotti, A., Nishino, S., Fukazawa, Y., Thompson, D.J., & McConville, W.F.
' γ -ray Spectral Evolution of NGC 1275 Observed with Fermi LAT'
 2010, the Astrophysical Journal, 715, 554
77. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'The First Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope'
 2010, the Astrophysical Journal, 715, 429
76. Marshall, H.L., Hardcastle, M.J., Birkinshaw, M., Croston, J., Evans, D., Landt, H., Lenc, E., Massaro, F., Perlman, E.S., Schwartz, D.A., Siemiginowska, A., **Stawarz, Ł.**, Urry, C.M., & Worrall, D.M.
'A Flare in the Jet of Pictor A'
 2010, the Astrophysical Journal Letters, 714, L213
75. Acero, F., et al. [for the H.E.S.S. Collaboration]
'Localizing the VHE γ -ray Source at the Galactic Centre'
 2010, Monthly Notices of the Royal Astronomical Society, 402, 1877

74. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'A Change in the Optical Polarization Associated with a γ -ray Flare in the Blazar 3C 279'
 2010, Nature, 463, 919
73. **Stawarz, L.**, Petrosian, V., & Blandford, R.D.
'On the Energy Spectra of GeV/TeV Cosmic-Ray Leptons'
 2010, the Astrophysical Journal, 710, 236
72. Acero, F., et al. [for the H.E.S.S. Collaboration]
'PKS 2005-489 at VHE: Four Years of Monitoring with HESS and Simultaneous MWL Observations'
 2010, Astronomy & Astrophysics, 511, 52
71. Singal, J., **Stawarz, L.**, Petrosian, V., & Lawrence, A.
'The Cosmic Radio Background and Jet Connection',
 2010, International Journal of Modern Physics D, 19, 965
70. Schwartz, D.A., et al.
'Modeling X-Ray Emission of a Straight Jet: PKS 0920-397',
 2010, International Journal of Modern Physics D, 19, 879

2009

69. Abdo, A.A., et al. [for the Fermi LAT Collaboration]
'Fermi Large Area Telescope γ -Ray Detection of the Radio Galaxy M87'
 2009, the Astrophysical Journal, 707, 55
68. Acero, F., et al. [for the H.E.S.S. Collaboration]
HESS Upper Limits on Very High Energy γ -ray Emission from the Microquasar GRS 1915+105'
 2009, Astronomy & Astrophysics, 508, 1135
67. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Probing the ATIC Peak in the Cosmic-ray Electron Spectrum with H.E.S.S.'
 2009, Astronomy & Astrophysics, 508, 561
66. Acero, F., et al. [for the H.E.S.S. Collaboration]
'Detection of Gamma Rays From a Starburst Galaxy'
 2009, Science, 326, 1080
65. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Very High Energy γ -ray Observations of the Binary PSR B1259-63/SS2883 Around the 2007 Periastron'
 2009, Astronomy & Astrophysics, 507, 389
64. Sikora, M., **Stawarz, L.**, Moderski, R., Nalewajko, K., & Madejski, G.
'Constraining Emission Models of Luminous Blazar Sources',
 2009, the Astrophysical Journal, 704, 38
63. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Spectrum and Variability of the Galactic Center VHE γ -ray Source HESS J1745-290'
 2009, Astronomy & Astrophysics, 503, 817
62. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Simultaneous MWL Observations of the Second Exceptional γ -ray Flare of PKS 2155-304 in July 2006'
 2009, Astronomy & Astrophysics, 502, 749
61. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Constraints on the Multi-TeV Particle Population in the Coma Galaxy Cluster with H.E.S.S.'
 2009, Astronomy & Astrophysics, 502, 437

60. Acciari, V.A., et al. [for the H.E.S.S. Collaboration]
'Radio Imaging of the VHE γ -Ray Emission Region in the Central Engine of a Radio Galaxy'
 2009, *Science*, 325, 444
59. Harris, D.E., Cheung, C.C., **Stawarz, L.**, & Perlman, E.S.
'Variability Timescales in the M87 Jet: Signatures of E^2 Losses, Discovery of a Quasi-period in HST-1, & the Site of TeV Flaring',
 2009, *the Astrophysical Journal*, 699, 305
58. Czerny, B., Siemiginowska, A., Janiuk, A., Nikiel-Wroczyński, B., & **Stawarz, L.**,
'Accretion Disk Model of Short-Timescale Intermittent Activity in Young Radio Sources',
 2009, *the Astrophysical Journal*, 698, 840
57. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Detection of Very High Energy Radiation from HESS J1908+063 Confirms the Milagro Unidentified Source MGRO J1908+06'
 2009, *Astronomy & Astrophysics*, 499, 723
56. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Simultaneous Observations of PKS 2155-304 with H.E.S.S., Fermi, RXTE and ATOM: Spectral Energy Distributions and Variability in a Low State'
 2009, *the Astrophysical Journal Letters*, 696, L150
55. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Upper Limit on the VHE γ -ray Emission from the Globular Cluster 47 Tucanae'
 2009, *Astronomy & Astrophysics*, 499, 273
54. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of Very High Energy γ -ray Emission from Centaurus A with H.E.S.S.'
 2009, *the Astrophysical Journal Letters*, 695, L40
53. Hardcastle, M.J., Cheung, C.C., Feain, I.J., & **Stawarz, L.**,
'High-energy Particle Acceleration and Production of Ultra-high-energy Cosmic Rays in the Giant Lobes of Centaurus A',
 2009, *Monthly Notices of the Royal Astronomical Society*, 393, 1041
52. Moskalenko, I.V., **Stawarz, L.**, Porter, T.A., & Cheung, C.C.
'On the Possible Association of Ultra High Energy Cosmic Rays with Nearby Active Galaxies',
 2009, *the Astrophysical Journal*, 693, 1261
51. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of γ -ray Emission from the Shell-Type Supernova Remnant RCW 86 with H.E.S.S.'
 2009, *the Astrophysical Journal*, 692, 1500
50. Ostorero, L., Moderski, R., **Stawarz, L.**, Begelman, M.C., Diaferio, A., Kowalska, I., Kataoka, J., & Wagner, S.J.
'Modelling the Broad-band Spectra of X-ray Emitting GPS Galaxies',
 2009, *Astronomische Nachrichten*, 330, 275
49. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Observations of γ -ray Bursts in 2003-2007'
 2009, *Astronomy & Astrophysics*, 495, 505
48. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Very High Energy γ -ray Observations of the Galaxy Clusters A 496 and A 85 with H.E.S.S.'
 2009, *Astronomy & Astrophysics*, 495, 27
47. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'A Search for a Dark Matter Annihilation Signal Towards the Canis Major Overdensity with H.E.S.S.'
 2009, *the Astrophysical Journal*, 691, 175

46. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Observations of the Prompt and Afterglow Phases of GRB 060602B'
2009, the Astrophysical Journal, 690, 1068

2008

45. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'The Energy Spectrum of Cosmic-ray Electrons at TeV Energies'
2008, Physical Review Letters, 101, 261104
44. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Simultaneous HESS and Chandra Observations of Sagittarius A During an X-ray Flare'*
2008, Astronomy & Astrophysics, 492, L25
43. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of a VHE γ -ray Source Coincident with the Supernova Remnant CTB 37A'
2008, Astronomy & Astrophysics, 490, 685
42. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Limits on an Energy Dependence of the Speed of Light from a Flare of the Active Galaxy PKS 2155-304'
2008, Physical Review Letters, vol. 101, Issue 17, 170402
41. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Search for γ -rays from Dark Matter Annihilations around Intermediate Mass Black Holes with the H.E.S.S. Experiment'
2008, Physical Review D, 78, 072008
40. Kataoka, J., **Stawarz, L.**, Harris, D.E., Siemiginowska, A., Ostrowski, M., Swain, M.R., Hardcastle, M.J., Goodger, J.L., Iwasawa, K., & Edwards, P.G.
'Chandra Reveals Twin X-ray Jets in the Powerful FR II Radio Galaxy 3C 353',
2008, the Astrophysical Journal, 685, 839
39. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Upper Limits for Kepler's Supernova Remnant'
2008, Astronomy & Astrophysics, 488, 219
38. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Chandra and H.E.S.S. Observations of the Supernova Remnant CTB 37B'
2008, Astronomy & Astrophysics, 486, 829
37. **Stawarz, L.**, & Petrosian, V.
'On the Momentum Diffusion of Radiating Relativistic Electrons in Turbulent Magnetic Field',
2008, the Astrophysical Journal, 681, 1725
36. **Stawarz, L.**, Ostorero, L., Begelman, M.C., Moderski, R., Kataoka, J., & Wagner, S.
'Evolution of and High Energy Emission from GHz-Peaked-Spectrum Sources',
2008, the Astrophysical Journal, 680, 911
35. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -ray Emission from the Vicinity of PSR J1913+1011 with H.E.S.S.'
2008, Astronomy & Astrophysics, 484, 435
34. Sikora, M., **Stawarz, L.**, & Lasota, J.-P.
'Radio-loudness of Active Galaxies and the Black Hole Evolution',
2008, New Astronomy Reviews, 51, 891
33. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Exploring a SNR/Molecular Cloud Association within HESS J1745-303'
2008, Astronomy & Astrophysics, 483, 509

32. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -rays from the High-Frequency-Peaked BL Lacertae Object RGB J0152+017'
 2008, *Astronomy & Astrophysics*, 481, 103
31. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -ray Emission Coincident with Molecular Clouds in W28 (G6.4-0.1)Field'
 2008, *Astronomy & Astrophysics*, 481, 401
30. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Upper Limits from HESS AGN Observations in 2005-2007'
 2008, *Astronomy & Astrophysics*, 478, 387
29. Kataoka, J., Madejski, G., Sikora, M., Roming, P., Chester, M., Grupe, D., et al.
'Multiwavelength Observations of γ -ray Quasar PKS 1510-089: Clues on the Jet Composition',
 2008, *the Astrophysical Journal*, 672, 787
28. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'H.E.S.S. Observations and VLT Spectroscopy of PG 1553+113'
 2008, *Astronomy & Astrophysics*, 477, 481
27. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'HESS Very-High-Energy γ -ray Sources Without Identified Counterparts'
 2008, *Astronomy & Astrophysics*, 477, 353

2007

26. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'New Constraints on the Mid-IR EBL from the H.E.S.S. Discovery of 1ES 0229+200'
 2007, *Astronomy & Astrophysics*, 475, L9
25. Schwartz, D.A., Harris, D.E., Landt, H., Siemiginowska, A., Marshall, H.L., et al.
'The X-ray jet and lobes of PKS 1354+195 (=4C 19.44)',
 2007, *Astrophysics and Space Science*, 311, 341
24. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'Discovery of VHE γ -rays from the Distant BL Lacertae 1ES 0347-121'
 2007, *Astronomy & Astrophysics*, 473, L25
23. Aharonian, F., et al. [for the H.E.S.S. Collaboration]
'An Exceptional VHE γ -ray Flare of PKS 2155-304'
 2007, *the Astrophysical Journal Letters*, 664, L71
22. Cheung, C.C., Harris, D.E., & **Stawarz, L.**,
'Superluminal Ejections Associated with X-ray Outbursts in the M 87 Jet',
 2007, *the Astrophysical Journal Letters*, 663, L65
21. Jamrozy, M., Konar, C., Saikia, D.J., **Stawarz, L.**, Mack, K.-H., & Siemiginowska, A.
'Intermittent Jet Activity in the Radio Galaxy 4C 29.30 ?',
 2007, *Monthly Notices of the Royal Astronomical Society*, 378, 581
20. **Stawarz, L.**, Cheung, C.C., Harris, D.E., & Ostrowski, M.
'Electron Energy Distribution in Cygnus A: Filling the Gap with Spitzer Space Telescope',
 2007, *the Astrophysical Journal*, 662, 213
19. **Stawarz, L.**, & Kirk, J.
'Automatic Quenching of High Energy γ -ray Sources by Synchrotron Photons',
 2007, *the Astrophysical Journal Letters*, 661, L17

18. Sikora, M., **Stawarz, L.**, & Lasota, J.-P.
'Radio-Loudness of Active Galactic Nuclei: Observational Facts and Theoretical Implications',
2007, the Astrophysical Journal, 658, 815
17. Siemiginowska, A., **Stawarz, L.**, Cheung, C.C., Harris, D.E., Sikora, M., Aldcroft, T.L., & Bechtold, J.
'300 kpc X-ray Jet in PKS 1127-145, $z = 1.18$ Quasar: Constraining X-ray Emission Models',
2007, the Astrophysical Journal, 657, 145
16. Machalski, J., Chyży, K.T., **Stawarz, L.**, & Koziel, D.
'A Method of Estimation of Dynamical Age of FR II Radio Sources from Multifrequency Data',
2007, Astronomy & Astrophysics, 462, 43

2006

15. **Stawarz, L.**, Aharonian, F., Wagner, S., & Ostrowski, M.
'Absorption of Nuclear γ -rays on the Starlight Radiation in FR I Sources: the Case of Cen A',
2006, Monthly Notices of the Royal Astronomical Society, 371, 1705
14. Cheung, C.C., **Stawarz, L.**, & Siemiginowska, A.
'Confronting X-ray Emission Models with the $z=3.89$ Jet in Quasar 1745+624',
2006, the Astrophysical Journal, 650, 679
13. **Stawarz, L.**, Aharonian, F., Kataoka, J., Ostrowski, M., Siemiginowska, A., & Sikora, M.
'Dynamics and High Energy Emission of the Flaring HST-1 Knot in the M 87 Jet',
2006, Monthly Notices of the Royal Astronomical Society, 370, 981
12. Kataoka, J., **Stawarz, L.**, Aharonian, F.A., Takahara, F., Ostrowski, M., & Edwards, P.G.
'The X-ray Jet in Centaurus A: Clues on the Jet Structure and Particle Acceleration',
2006, the Astrophysical Journal, 641, 158
11. **Stawarz, L.**, Kneiske, T.M., & Kataoka, J.
'Kiloparsec-Scale Jets in FR I Radio Galaxies and the γ -Ray Background',
2006, the Astrophysical Journal, 637, 693

2005

10. **Stawarz, L.**, Siemiginowska, A., Ostrowski, M., & Sikora, M.
'On the Magnetic Field in the Kiloparsec-Scale Jet of Radio Galaxy M 87',
2005, the Astrophysical Journal, 626, 120
9. Kataoka, J., & **Stawarz, L.**,
'X-ray Emission Properties of Large Scale Jets, Hotspots and Lobes in Active Galactic Nuclei',
2005, the Astrophysical Journal, 622, 797
8. Bałucińska-Church, M., Ostrowski, M., **Stawarz, L.**, & Church, M.J.
'Discovery of Hard X-ray Features around the Hotspots in Cygnus A',
2005, Monthly Notices of the Royal Astronomical Society, 357, L6

2004

7. **Stawarz, L.**,
'On the Jet Activity in 3C 273',
2004, the Astrophysical Journal, 613, 119

6. **Stawarz, Ł.**, Sikora, M., Ostrowski, M., & Begelman, M.C.
'On Multiwavelength Emission of Large-Scale Quasar Jets',
2004, the Astrophysical Journal, 608, 95

2003

5. **Stawarz, Ł.**,
'Multifrequency Radiation of Extragalactic Large Scale Jets',
2003, Chinese Journal of Astronomy & Astrophysics, 3, 383
4. **Stawarz, Ł.**, Sikora, M., & Ostrowski, M.
'High Energy γ -rays from FR I Chandra Jets',
2003, the Astrophysical Journal, 597, 186
3. **Stawarz, Ł.**, & Ostrowski, M.
'A Role of the Boundary Shear Layer in Modeling of the Large Scale Jets',
2003, New Astronomy Reviews, 47, 521

2002

2. **Stawarz, Ł.**, & Ostrowski, M.
'Radiation from the Relativistic Jet: a Role of the Shear Boundary Layer',
2002, the Astrophysical Journal, 578, 763
1. **Stawarz, Ł.**, & Ostrowski, M.
'High Energy Radiation Generated At Boundary Shear Layers Of Relativistic Jets',
2002, Publications of the Astronomical Society of Australia, 19, 22