

dr hab. ŁUKASZ STAWARZ

LIST OF PUBLICATIONS

total refereed publications = 286; total citations = 14,859; H-index = 63
(as of June 2018, according to the SAO/NASA Astrophysics Data System [ADS])

401. 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, submitted
400. 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’
2018, the Astrophysical Journal, submitted
399. Bhatta, G., **Stawarz, Ł.**, Markowitz, A., Balasubramaniam, K., Zola, S., Zdziarski, A.A., Jamrozy, M., Ostrowski, M., Kuzmich, A., Ogłóża, 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, submitted (arXiv:1805.06957)
398. 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, submitted
397. Gupta, A.C., Gaur, H., Wiita, P.J., Pandey, A., Kushwaha, P., Hu, S.M., Kurtanidze, O.M., et al.
‘Multiband optical flux and polarization variability of the blazar OJ 287 during 2016 - 2017’
2018, Monthly Notices of the Royal Astronomical Society, submitted (arXiv:1803.03964)
396. 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, submitted (arXiv:1709.04457)
395. 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
394. 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, 37, XX
393. 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
392. 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
391. 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
390. 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

389. 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
388. 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
387. 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
386. 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
385. 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
384. 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
383. 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
382. 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
381. 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
380. 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
379. Abdalla, H., et al. [for the H.E.S.S. Collaboration]
'The H.E.S.S. Galactic plane survey'
 2018, *Astronomy & Astrophysics*, 612, 1
378. 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
377. 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
376. 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
375. 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

374. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Hitomi Observation of Radio Galaxy NGC 1275: The First X-ray Microcalorimeter Spectroscopy of Fe-K α Line Emission from an Active Galactic Nucleus'
 2018, Publications of the Astronomical Society of Japan, 70, 13
373. 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
372. 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
371. 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
370. 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
369. 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
368. Clautice, D., Perlman, E. S., Cara, M., et al.: *'Unraveling the Physics of FR II Jets Using HST Polarimetry* – 2018, American Astronomical Society Meeting Abstracts, 231, #257.19
367. Siemiginowska, A., Sobolewska, M., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., Stawarz, L.: *'X-ray Properties and the Environment of Compact Radio Sources* – 2018, American Astronomical Society Meeting Abstracts, 231, #123.01
366. 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
365. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'Solar abundance ratios of the iron-peak elements in the Perseus cluster'
 2017, Nature, 551, 478
364. Żywucka, N., Goyal, A., Jamrozy, M., **Stawarz, L.**, Ostrowski, M., Kozłowski, S., & Udalski, A.
'Identification of the OGLE Blazars behind the Large and Small Magellanic Clouds'
 2017, Galaxies, 5, 88
363. Ostorero, L., Morganti, R., Diaferio, A., Siemiginowska, A., **Stawarz, L.**, Moderski, R., & Labiano, A.
'Correlation Between X-ray and Radio Absorption in Compact Radio Galaxies'
 2017, the Astrophysical Journal, 849, 34
362. Bhatta, G., Stawarz, L., Zola, S., Ostrowski, M., Balasubramaniam, K., Zdziarski, A., Markowitz, A., Kuzmicz, A., Jamrozy, M., MAXI Team: *'Constraining Disk-Jet Connection in the Radio Source 4C+74.26'* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.254
361. Balasubramaniam, K., Stawarz, L., Sobolewska, M., Siemiginowska, A., Cheung, C., Goyal, A., Koziel-Wierzbowska, D.: *'Chandra view on the active nucleus of the restarted radio galaxy CGCG 292-057'* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.251
360. Tombesi, F., Mushotzky, R., Reynolds, C., Reeves, J., Kallman, T., Behar, E., Braitto, V., Ueda, Y., Cappi, M., Stawarz, L.: *'Feeding and feedback in radio galaxies and mergers: an X-ray perspective'* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.223

359. Sobolewska, M., Siemiginowska, A., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., Stawarz, L.: *'X-ray study of the environmental impact on the initial stages of a radio source evolution'* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.212
358. 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
357. 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
356. 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
355. Acharya, B.S., et al. [for the CTA Consortium]
'Science with the Cherenkov Telescope Array'
2017, arXiv:1709.07997
354. Sliusar, V., et al. [for the CTA Consortium]
'Control Software for the SST-1M Small-Size Telescope prototype for the Cherenkov Telescope Array'
2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.04244)
353. Samarai, I., et al. [for the CTA Consortium]
'Development of a strategy for calibrating the novel SiPM camera of the SST-1M telescope proposed for the Cherenkov Telescope Array'
2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.03920)
352. Samarai, I., et al. [for the CTA Consortium]
'Performance of a small size telescope (SST-1M) camera for gamma-ray astronomy with the Cherenkov Telescope Array'
2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.03914)
351. 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, L.**, Uchiyama, Y., & Urry, C.M.
'A Multi-band Study of the Remarkable Jet in Quasar 4C+19.44'
2017, the Astrophysical Journal, 846, 119
350. 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
349. della Volpe, D., et al. [for the CTA Consortium]
'First light on a new fully digital camera based on SiPM for CTA SST-1M telescope'
2017, Proceedings of the SPIE, Volume 10399, id. 1039906 14 pp.
348. 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
347. Sobolewska, M., Siemiginowska, A., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., Stawarz, L.:
'PKS 1718-649: a broad-band study of a young radio jet' – 2017, AAS/High Energy Astrophysics Division, 16, #405.04
346. Marchenko, V., Harris, D.E., Ostrowski, M., **Stawarz, L.**, 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
345. Masters, A., Sulaiman, A.H., **Stawarz, L.**, 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
344. 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
343. 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
342. Tombesi, F., Mushotzky, R.F., Reynolds, C.S., Kallman, T., Reeves, J.N., Braitto, 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
341. 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
340. 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
339. 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
338. 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
337. 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
336. Heller, M., et al. [for the CTA Consortium]
'The Single Mirror Small Sized Telescope For The Cherenkov Telescope Array'
2017, 6th International Symposium on High Energy Gamma-Ray Astronomy, 1792, 080003
335. Clautice, D., Perlman, E. S., Sparks, W. B., et al.: *'HST Polarimetry of the 3C 273 Jet'* – 2017, American Astronomical Society Meeting Abstracts, 229, 250.47
334. 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
333. 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
332. 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
331. Masters, A., Sulaiman, A., Sergis, N., Stawarz, L., Fujimoto, M., Coates, A. J., & Dougherty, M. K.: *'Cassini Observations of Saturn's High-Mach Number Bow Shock'* – In Proceedings of the American Geophysical Union, Ocean Sciences Meeting 2016, abstract #SH22A-01

330. 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
329. 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
328. 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
327. 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
326. Migliori, G., Siemiginowska, A., Sobolewska, M., Loh, A., Corbel, S., Ostorero, L., Stawarz, L.: ‘*The CSO PKS 1718-649 In Gamma-Rays With Fermi-LAT*’ – 2016, Active Galactic Nuclei 12: A Multi-Messenger Perspective (AGN12), Napoli, Italy, 26-29 September 2016, id.60, 60
325. 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
324. 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
323. 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
322. 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
321. Cheung, C.C., Jean, P., Shore, S.N., Corbet, R.H.D., Knödlseeder, 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
320. Aguilar, J. A., et al. [for the CTA Consortium] ‘*Front-end and slow control electronics for large area SiPMs used for the single mirror Small Size Telescope (SST-1M) of the Cherenkov Telescope Array (CTA)*’
2016, Proceedings of the SPIE, Volume 9915, id. 99152T 8 pp.
319. Aguilar, J. A., et al. [for the CTA Consortium] ‘*The single mirror small size telescope (SST-1M) of the Cherenkov Telescope Array*’
2016, Proceedings of the SPIE, Volume 9906, id. 990636 15 pp.
318. Takahashi, T., et al. [for the *Hitomi* Collaboration]: ‘*The ASTRO-H (Hitomi) X-ray Astronomy Satellite*’
2016, Proceedings of the SPIE 2016, Volume 9905, id. 99050U 17 pp.

317. Tatischeff, V., et al. [for the e-ASTROGAM Team]:
'The e-ASTROGAM gamma-ray space mission'
 2016, Proceedings of the SPIE, Volume 9905, id. 99052N 11 pp.
316. Aharonian, F., et al. [for the *Hitomi* Collaboration]
'The Quiet Intracluster Medium in the Core of the Perseus Cluster'
 2016, Nature, 535, 117
315. Masters, A., Sulaiman, A.H., Fujimoto, M., **Stawarz, L.**, Sergis, N., Coates, A.J., & Dougherty, M.
'Superthermal Electrons at Saturn's Bow Shock'
 2016, the Astrophysical Journal, 826, 48
314. 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
313. 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
312. 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
311. 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
310. Coppi, P. S., Saito, S., & Stawarz, L.: *'Rapid Gamma-Ray and Optical Variability in Bright Fermi Blazars'* – In Proceedings of the AAS/High Energy Astrophysics Division meeting #15, id.106.01
309. 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
308. Abramowski, A., et al. [for the H.E.S.S. Collaboration]
'Acceleration of petaelectronvolt protons in the Galactic Centre'
 2016, Nature, 531, 476
307. 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
306. 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
305. 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
304. Niemiec, J., et al. [for the CTA Consortium]
'Prototype of the SST-1M Telescope Structure for the Cherenkov Telescope Array'
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1509.01824)
303. Toscano, S., et al. [for the CTA Consortium]
'Using muon rings for the optical throughput calibration of the SST-1M prototype for the CTA'
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1509.00266)

302. 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
301. Schioppa, E.J., et al. [for the CTA Consortium]
'The SST-1M camera for the Cherenkov Telescope Array'
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1508.06453)
300. Prandini, E., et al. [for the CTA Consortium]
'Camera calibration strategy of the SST-1M prototype of the Cherenkov Telescope Array'
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1508.06397)
299. Bhatta, G., Goyal, A., Ostrowski, M., **Stawarz, Ł.**, Arkharov, A.A., Akitaya, H., Bachev, R., Benitez, E., Borman, G.A., Carosati, D., Cason, A., Damjanovic, G., Dhalla, S., Frasca, A., et al.
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