

Publications

1. [*Modeling the early afterglow in the short and hard GRB 090510*](#)
Fraija, Nissim; Lee, William H.; Veres, Péter; Barniol Duran, Rodolfo
(arXiv:1608.01420)
2. [*Localization and Broadband Follow-up of the Gravitational-wave Transient GW150914*](#)
Abbot, B. P., . . . , P. Veres, et al.
ApJ, **826**, 13, (2016) (arXiv:1602.08492)
3. [*Gravitational wave observations may constrain gamma-ray burst models: the case of GW 150914 - GBM*](#)
Veres P., Preece, R. D.; Goldstein, A.; Mészáros, P.; Burns, E.; Connaughton, V.
ApJL, **827**, 34, (2016) (arXiv:1607.02616)
4. [*Fermi GBM Observations of LIGO Gravitational Wave event GW150914*](#)
V. Connaughton, . . . , P. Veres, et al.
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5. [*The Fermi GBM gamma-ray burst time-resolved spectral catalog: brightest bursts in the first four years*](#)
Yu, Hoi-Fung, . . . , Veres, Péter, et al.,
A&A, **588**, 135, (2016), (arXiv:1601.05206)
6. [*Modeling the early multiwavelength emission in GRB130427A*](#)
Fraija, Nissim; Lee, William H.; Veres, Péter
ApJ, **818**, 190, (2016), (arXiv:1601.01264)
7. [*Fermi GBM Observations of V404 Cyg During its 2015 Outburst*](#)
Jenke, P. A.; Wilson-Hodge, C. A.; Homan, Jeroen; Veres P.; Briggs, M. S.; Burns, E.; Connaughton, V.; Finger, M. H.; Hui, M.
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8. [*Happy Birthday Swift: Ultra-long GRB 141121A and its broad-band Afterglow*](#)
A. Cucchiara, P. Veres, A. Corsi, S. B. Cenko, D. A. Perley, et al.,
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9. [*Early-time VLA observations and broad-band afterglow analysis of the Fermi-LAT detected GRB 130907A*](#)
Péter Veres, Alessandra Corsi, Dale A. Frail, S. Bradley Cenko, Daniel Perley
ApJ, **810**, 31, (2015) (arXiv:1411.7368)
10. [*Gamma-ray Bursts: Temporal Scales and the Bulk Lorentz Factor*](#)
Sonbas, E.; MacLachlan, G. A.; Dhuga, K. S.; Veres P.; Shenoy, A.; Ukwatta, T. N.
ApJ, **805**, 86, (2015), (arXiv:1408.3042)
11. [*Constraints on Very High Energy Emission from GRB 130427A*](#)

- E. Aliu, . . . , P. Veres (corresponding author) et al.
ApJL, **795**, 3, (2014), (arXiv:1410.5367)
12. [*An Observed Correlation Between Thermal and Non-Thermal Emission in Gamma-Ray Bursts*](#)
Burgess, J. Michael; Preece, Robert D.; Ryde, Felix; Veres, Péter (corresponding author); et al.
ApJL, **784**, 43, (2014), (arXiv:1403.0374)
 13. [*Prospects for GeV-TeV detection of short gamma-ray bursts with extended emission*](#)
P. Veres, P. Mészáros,
ApJ, **787**, 168, (2014), (arXiv:1312.0590)
 14. [*Cherenkov Telescope Array is Well-suited to Follow Up Gravitational-wave Transients*](#)
Bartos, Imre; Péter Veres; Nieto, Daniel; Connaughton, Valerie; Humensky, Brian; Hurley, Kevin;
Márka, Szabolcs; Mészáros, Péter; Mukherjee, Reshmi; O'Brien, Paul; Osborne, Julian P.
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 15. [*Evidence for the Connection between Prompt and X-ray Afterglow emission of Swift-Detected Gamma-Ray Bursts*](#)
D. Grupe; J. A. Nousek; P. Veres; B.-B. Zhang; N. Gehrels
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 16. [*The obscured hyper-energetic GRB120624B hosted by a luminous compact galaxy at z=2.20*](#)
A. de Ugarte Postigo; S. Campana; C.C. Thöne; P. D'Avanzo; R. Sanchez-Ramirez; A. Melandri; J.
Gorosabel; G. Ghirlanda; P. Veres; S. Martin; G. Petitpas; S. Covino; J.P.U. Fynbo; A.J. Levan
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 17. [*Magnetically and Baryonically Dominated Photospheric Gamma-Ray Burst Model Fits to Fermi LAT Observations*](#)
P. Veres; B.-B. Zhang; P. Mészáros
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 18. [*The extremely high peak energy of GRB 110721A in the context of a dissipative photosphere synchrotron emission model*](#)
P. Veres; B.-B. Zhang; P. Mészáros
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 19. [*Searching for galactic sources in the Swift GRB catalog Statistical analyses of the angular distributions of FREDs*](#)
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 21. [*On the Spectral Lags and Peak Counts of the Gamma-Ray Bursts Detected by the RHESSI Satellite*](#)
J. Ripa; A. Mészáros, ; P. Veres, I.H. Park
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 22. [*Characteristics of Swift's intermediate-population bursts*](#)
de Ugarte Postigo, A.; Horváth, I.; P. Veres; Bagoly, Z.; Kann, D. A. et al.
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 23. [*A distinct peak-flux distribution of the third class of gamma-ray bursts: A possible signature of X-ray flashes?*](#)
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24. [*Physical parameters of a relativistic jet at very high redshift: the case of the blazar J1430+4204*](#)
P. Veres, Frey, S; Paragi, Z; Gurvits, L
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 25. [*Investigating gamma-ray burst data reduction techniques with Swift's instruments*](#)
P. Veres
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 26. [*Investigating gamma- and X-ray properties of GRBs using multivariate statistics*](#)
Balázs, L.G., P. Veres
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 27. [*Detailed Classification of Swift's Gamma-Ray Bursts*](#)
Horváth, I; Bagoly, Z; Balázs, L.G., de Ugarte Postigo, A, P. Veres, Mészáros, A; Astrophysical Journal, **713**, 552, (2010)
 28. [*Detection of the ultra-high z short GRB 080913 and its implications on progenitors and energy extraction mechanisms*](#)
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 29. [*Gamma-ray bursts: connecting the prompt emission with the afterglow*](#)
P. Veres, Bagoly, Z.
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 30. [*Impact on cosmology of the celestial anisotropy of the short gamma-ray bursts*](#)
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 31. [*Classification of Swift's gamma-ray bursts*](#)
I. Horváth, L. G. Balázs, Z. Bagoly, P. Veres
Astronomy and Astrophysics, **489**, L1 (2008)
 32. [*Model-independent methods of describing GRB spectra using BATSE MER data*](#)
P. Veres, Horváth I., Bagoly Z., Balázs L., Mészáros A., Tusnády G., Ryde F.
Il Nuovo Cimento B, **121**, 1609, (2006), (arXiv:1001.0286)
 33. [*Analysis of the BATSE continuous MER data*](#)
P. Veres, Horváth I., Balázs L.: Il Nuovo Cimento C **28**, 355, (2005) (arXiv:0510323)