

Publications

2014

Volnova, A. A.; Pozanenko, A. S.; Gorosabel, J.; Perley, D. A.; Frederiks, D. D.; Kann, D. A.; Romyantsev, V. V.; Biryukov, V. V.; Burkhonov, O.; Castro-Tirado, A. J.; Ferrero, P.; Golenetskii, S. V.; Klose, S.; Loznikov, V. M.; Minaev, P. Yu.; Stecklum, (2014)

GRB 051008: a long, spectrally hard dust-obscured GRB in a Lyman-break galaxy at $z \approx 2.8$

Monthly Notices of the Royal Astronomical Society

Levan, A. J.; Tanvir, N. R.; Starling, R. L. C.; Wiersema, K.; Page, K. L.; Perley, D. A.; Schulze, S.; Wynn, G. A.; Chornock, R.; Hjorth, J.; Cenko, S. B.; Fruchter, A. S.; O'Brien, P. T.; Brown, G. C.; Tunnicliffe, R. L.; Malesani, D.; Jakobsson, P.; Wa (2014)

A New Population of Ultra-long Duration Gamma-Ray Bursts

Astrophysical Journal letters

A. de Ugarte Postigo, C.C. Thone, A. Rowlinson, R. García-Benito, A.J. Levan, J. Gorosabel, P. Godoni, S. Schulze, T. Zafar, K. Wiersema, R. Sanchez-Ramírez, A. Melandri, P. D'Avanzo, S. Oates, V. D'Elia, M. De Pasquale, (2014)

Spectroscopy of the short-hard GRB 130603B. The host galaxy and environment of a compact object merger.

Astronomy & Astrophysics

D'Elia, V.; Fynbo, J. P. U.; Godoni, P.; Covino, S.; de Ugarte Postigo, A.; Ledoux, C.; Calura, F.; Gorosabel, J.; Malesani, D.; Matteucci, F.; Sánchez-Ramírez, R.; Savaglio, S.; Castro-Tirado, A. J.; Hartoog, O. E.; Kaper, L.; Muñoz-Darias, T.; Pian, E. (2014)

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Astronomy & Astrophysics

Thöne, C.C.; Christensen, L.; Prochaska, J.X.; Bloom, J.S.; Gorosabel, J.; Fynbo, J.P.U.; Jakobsson, P.; Fruchter, A.S. (2014)

The host of the SN-less GRB 060505 in high resolution

Monthly Notices of the Royal Astronomical Society

Wiersema, K.; Covino, S.; Toma, K.; van der Horst, A. J.; Varela, K.; Min, M.; Greiner, J.; Starling, R. L. C.; Tanvir, N. R.; Wijers, R. A. M. J.; Campana, S.; Curran, P. A.; Fan, Y.; Fynbo, J. P. U.; Gorosabel, J.; Gomboc, A.; Gotz, D.; Hjorth, J.; Jin, (2014)

Circular polarization in the optical afterglow of GRB 121024A

Nature

Kumar, B.; Pandey, S. B.; Eswaraiah, C.; Gorosabel, J. (2014)

Broad-band polarimetric follow-up of Type IIP SN 2012aw

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Schulze, S.; Malesani, D.; Cucchiara, A.; Tanvir, N. R.; Krühler, T.; de Ugarte Postigo, A.; Leloudas, G.; Lyman, J.; Bersier, D.; Wiersema, K.; Perley, D. A.; Schady, P.; Gorosabel, J.; Anderson, J. P.; Castro-Tirado, A. J.; Cenko, S. B.; De Cia, A.; Ell (2014)

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Astronomy & Astrophysics

Nicuesa Guelbenzu, A.; Klose, S.; Michałowski, M. J.; Savaglio, S.; Kann, D. A.; Rossi, A.; Hunt, L. K.; Gorosabel, J.; Greiner, J.; McKenzie, M. R. G.; Palazzi, E.; Schmidl, S. (2014)

Another Short-burst Host Galaxy with an Optically Obscured High Star Formation Rate: The Case of GRB 071227

Astrophysical Journal

Cano, Z.; de Ugarte Postigo, A.; Pozanenko, A.; Butler, N.; Thöne, C. C.; Guidorzi, C.; Krühler, T.; Gorosabel, J.; Jakobsson, P.; Leloudas, G.; Malesani, D.; Hjorth, J.; Melandri, A.; Mundell, C.; Wiersema, K.; D'Avanzo, P.; Schulze, S.; Gomboc, A.; Joha (2014)

A trio of gamma-ray burst supernovae: GRB 120729A, GRB 130215A/SN 2013ez, and GRB 130831A/SN 2013fu

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van der Horst, A. J.; Curran, P. A.; Miller-Jones, J. C. A.; Linford, J. D.; Gorosabel, J.; Russell, D. M.; de Ugarte Postigo, A.; Lundgren, A. A.; Taylor, G. B.; Maitra, D.; Guziy, S.; Belloni, T. M.; Kouveliotou, C.; Jonker, P. G.; Kamble, A.; Paragi, Z (2013)

Broad-band monitoring tracing the evolution of the jet and disc in the black hole candidate X-ray binary MAXI J1659-152

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Xu, D.; de Ugarte Postigo, A.; Leloudas, G.; Krühler, T.; Cano, Z.; Hjorth, J.; Malesani, D.; Fynbo, J. P. U.; Thöne, C. C.; Sánchez-Ramírez, R.; Schulze, S.; Jakobsson, P.; Kaper, L.; Sollerman, J.; Watson, D. J.; Cabrera-Lavers, A.; Cao, C.; Covino, S.; (2013)

Discovery of the Broad-lined Type Ic SN 2013cq Associated with the Very Energetic GRB 130427A

Astrophysical Journal

Jin, Zhi-Ping; Covino, Stefano; Della Valle, Massimo; Ferrero, Patrizia; Fugazza, Dino; Malesani, Daniele; Melandri, Andrea; Pian, Elena; Salvaterra, Ruben; Bersier, David; Campana, Sergio; Cano, Zach; Castro-Tirado, Alberto J.; D'Avanzo, Paolo; Fynbo, Jo (2013)

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The obscured hyper-energetic GRB 120624B hosted by a luminous compact galaxy at $z = 2.20$

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The low-extinction afterglow in the solar-metallicity host galaxy of γ -ray burst 110918A

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Muñoz-Darias, T.; de Ugarte Postigo, A.; Russell, D. M.; Guziy, S.; Gorosabel, J.; Casares, J.; Armas Padilla, M.; Charles, P. A.; Fender, R. P.; Belloni, T. M.; Lewis, F.; Motta, S.; Castro-Tirado, A.; Mundell, C. G.; Sánchez-Ramírez, R.; Thöne, C. C. (2013)

The optical counterpart of the bright X-ray transient Swift J1745-26

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Watson, Darach; Zafar, Tayyaba; Andersen, Anja C.; Fynbo, Johan P. U.; Gorosabel, Javier; Hjorth, Jens; Jakobsson, Páll; Krühler, Thomas; Laursen, Peter; Leloudas, Giorgos; Malesani, Daniele (2013)

Helium in Natal H II Regions: The Origin of the X-Ray Absorption in Gamma-Ray Burst

Afterglows

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Zauderer, B. A.; Berger, E.; Margutti, R.; Levan, A. J.; Olivares E., F.; Perley, D. A.; Fong, W.; Horesh, A.; Updike, A. C.; Greiner, J.; Tanvir, N. R.; Laskar, T.; Chornock, R.; Soderberg, A. M.; Menten, K. M.; Nakar, E.; Carpenter, J.; Chandra, P.; Cas (2013)

Illuminating the Darkest Gamma-Ray Bursts with Radio Observations

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