

PUBLICATIONS in Refereed Journals only

2023

A radio pulsar phase from SGR J1935+2154 provides clues to the magnetar FRB mechanism, (Weiwei Zu; Heng Xu; Dejiang Zhou; Lin Lin; Bojun Wang; et al;), Science Advances, 9, 198, 2023.

A structured jet explains the extreme GRB 221009A, (O'Connor, Brendan ; Troja, Eleonora ; Ryan, Geoffrey ; Beniamini, Paz ; van Eerten, Hendrik ; et al.), Science Advances 9, 405, 2023.

GRB 160410A: The first chemical study of the interstellar medium of a short GRB, (J F Agüí Fernández, C C Thöne, D A Kann, A de Ugarte Postigo, J Selsing, et al.), MNRAS Monthly Notices of the Royal Astronomical Society, Volume 520, Issue 1, 613–636, 2023.

The 2022 High-energy Outburst and Radio Disappearing Act of the Magnetar 1E 1547.0-5408, (Lower, Marcus E.; Younes, George ; Scholz, Paul; Camilo, Fernando; Dunn, Liam; et al.), The Astrophysical Journal, Volume 945, Issue 2, id.153, 13 pp., 2023.

Bursts from High-magnetic-field Pulsars Swift J1818.0-1607 and PSR J1846.4-0258, (Uzuner, Mete; Keskin, Özge; Kaneko, Yuki; Göğüş, Ersin; Roberts, Oliver J.; Lin, Lin; Baring, Matthew G.; Güngör, Can; Kouveliotou, Chryssa; van der Horst, Alexander J.; Younes, George), The Astrophysical Journal, Volume 942, Issue 1, id.8, 14 pp., 2023.

Magnetar spin-down glitch clearing the way for FRB-like bursts and a pulsed radio episode, (Younes, G.; Baring, M. G.; Harding, A. K. ; Enoto, T. ; Wadiasingh, Z. ; Pearlman, A. B. ; Ho, W. C. G. ; Guillot, S. ; Arzoumanian, Z. ; Borghese, A. ; Gendreau, K. ; Gogus, E. ; Guver, T. ; van der Horst, A. J. ; Hu, C. -P. ; Jaiswal, G. K. ; Kouveliotou, C. ; Lin, L. ; Majid, W. A.), Nature Astronomy 7, 339, 2023.

2022

A deep survey of short GRB host galaxies over z 0-2: implications for offsets, redshifts, and environments, (O'Connor, B.; Troja, E.; Dichiara, S.; Beniamini, P.; Cenko, S. B.; Kouveliotou, C.; González, J. B; Durbak, J.; Gatkine, P.; Kutyrev, A.; Sakamoto, T.; Sánchez-Ramírez, R.; Veilleux, S.), MNRAS, 515, pp.4890-4928, 2022.

Where are the magnetar binary companions? Candidates from a comparison with binary population synthesis predictions, (Chrimes, A. A.; Levan, A. J.; Fruchter, A. S.; Groot, P. J.; Jonker, P. G.; Kouveliotou, C.; Lyman, J. D.; Stanway, E. R.; Tanvir, N. R. ; Wiersema, K.), MNRAS, 513, pp.3550-3563, 2022.

New candidates for magnetar counterparts from a deep search with the Hubble Space Telescope, (Chrimes, A. A.; Levan, A. J.; Fruchter, A. S.; Groot, P. J.; Kouveliotou, C.; Lyman, J. D.; Tanvir, N. R.; Wiersema, K.), MNRAS, 512, 6093-6103p., 2022.

VizieR On-line Data Catalog: Fermi/GBM 2019 and 2020 bursts of SGR J1935+2154, (Lin, L. ; Gogus, E. ; Roberts, O. J. ; Baring, M. G. ; Kouveliotou, C. ; Kaneko, Y. ; van der Horst, A. J. ; Younes, G.), VizieR On-line Data Catalog: J/ApJ/902/L43. Originally published in: 2020ApJ...902L..43L, 2022.

VizieR Online Data Catalog: NICER SGR 1935+2154 burst and persistent emission (Younes, G. ; Guver, T. ; Kouveliotou, C. ; Baring, M. G. ; Hu, C. -P. ; Wadiasingh, Z. search by orcid ; Begicarslan, B. ; Enoto, T. ; Gogus, E. ; Lin, L. ; Harding, A. K. ; van der Horst, A. J. ; Majid, W. A. ; Guillot, S. ; Malacaria, C.), VizieR On-line Data Catalog: J/ApJ/904/L21. Originally published in: 2020ApJ...904L..21Y, 2022.

Magnetar giant flare in NGC 253 seen by Fermi-GBM, (E. Bissaldi, O. J. Roberts, P. Veres M. G. Baring, M. S. Briggs, C. Kouveliotou, G. Younes S. I. Chastain, J. J. DeLaunay, D. Huppenkothen, A. Tohuvavohu, P. N. Bhat, E. Göğüş, A. J. van der Horst, J. A. Kennea, D. Kocevski, J. D. Linford, S. Guiriec, R. Hamburg, C. A. Wilson-Hodge, E. Burns), 37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, Germany - Online, published March 18, 2022.

Identification of an X-Ray Pulsar in the BeXRB System IGR J18219-1347, (O'Connor, B.; Göğüş, E.; Huppenkothen, D.; Kouveliotou, C.; Gorgone, N.; Townsend, L. J.; Calamida, A.; Fruchter, A.; Buckley, D. A. H.; Baring, M. G.; Kennea, J. A.; Younes, G.; Arzoumanian, Z.; Bellm, E.; Cenko, S. B.; Gendreau, K.; Granot, J.; Hailey, C.; Harrison, F.; Hartmann, D.; Kaper, L.; Kutyrev, A.; Slane, P. O.; Stern, D.; Troja, E.; van der Horst, A. J.; Wijers, R. A. M. J.; Woudt, P.), ApJ, 927, id.139, 2022.

The Fast Radio Burst-emitting Magnetar SGR 1935+2154-Proper Motion and Variability from Long-term Hubble Space Telescope Monitoring, (Lyman, J. D.; Levan, A. J.; Wiersema, K.; Kouveliotou, C.; Chrimes, A. A.; Fruchter, A. S.), ApJ, 926, id.121, 2022.

Pulse Peak Migration during the Outburst Decay of the Magnetar SGR 1830-0645: Crustal Motion and Magnetospheric Untwisting, (Younes, George; Lander, Samuel K.; Baring, Matthew G.; Enoto, Teruaki; Kouveliotou, Chryssa; Wadiasingh, Zorawar; Ho, Wynn C. G.; Harding, Alice K.; Arzoumanian, Zaven ; Gendreau, Keith; Güver, Tolga; Hu, Chin-Ping; Malacaria, Christian; Ray, Paul S.; Strohmayer, Tod E.), ApJL, 924, id.L27, 2022.

X-Ray Burst and Persistent Emission Properties of the Magnetar SGR 1830-0645 in Outburst, (Younes, George; Hu, Chin-Ping; Bansal, Karishma; Ray, Paul S. ; Pearlman, Aaron B.; Kirsten, Franz; Wadiasingh, Zorawar; Göğüş, Ersin ; Baring, Matthew G.; Enoto, Teruaki; Arzoumanian, Zaven ; Gendreau, Keith C.; Kouveliotou, Chryssa; Güver, Tolga; Harding, Alice K.; Majid, Walid A.; Blumer, Harsha; Hessels, Jason W. T.; Gawroński, Marcin P.; Bezrukova, Vladislava; Orbidan, Arturs), ApJ, 924, id.136, 10p., 2022.

2021

The Gamow Explorer: a Gamma-Ray Burst Observatory to study the high redshift universe and enable multi-messenger astrophysics, (White, N. E. ; Bauer, F. E.; Baumgartner, W. ; Bautz, M. ; Berger, E. ; Cenko, B. ; Chang, T. -C. ; Falcone, A. ; Fausey, H. ; Feldman, C. ; Fox, D. ; Fox, O. ; Fruchter, A. ; Fryer, C. ; Ghirlanda, G.; Gorski, K.; Grant, C. ; Guiriec, S. ; Hart, M. ; Hartmann, D. ; Hennawi, J. ; Kann, D. A. ; Kaplan, D. ; Kennea, J. ; Kocevski, D. ; Kouveliotou, C. ; Lawrence, C. ; Levan, A. J. ; Lidz, A. ; Lien, A. ; Littenberg, T. B. ; Mas-Ribas, L. ; Moss, M. ; O'Brien, P. ; O'Meara, J. ; Palmer, D. M. ; Pasham, D. ; Racusin, J. ; Remillard, R. ; Roberts, O. J. ; Roming, P. ; Rud, M. ; Salvaterra, R.; Sambruna, R. ; Seiffert, M. . . ; Sun, G. ; Tanvir, N. R. ; Terrile, R. ; Thomas, N. ; van der Horst, A. ; Verstrand, W. T. ; Willemse, P. ; Wilson-Hodge, C. ; Young, E. T. ; Amati, L. ; Bozzo, E.; Karczewski, O. Ł. ; Hernandez-Monteagudo, C. ; Rebolo Lopez, R. ; Genova-Santos, R. ; Martin, A. ; Granot, J. ; Bemiamini, P. ; Gil, R. ; Burns, E.), Proceedings of the SPIE, 11821, id. 1182109 14 pp. (2021).

A Month of Monitoring the New Magnetar Swift J1555.2-5402 during an X-Ray Outburst, (Enoto, Teruaki; Ng, Mason; Hu, Chin-Ping; Güver, Tolga; Jaisawal, Gaurava K.; O'Connor, Brendan; Göğüş, Ersin; Lien, Amy; Kisaka, Shota; Wadiasingh, Zorawar; Majid, Walid A.; Pearlman, Aaron B.; Arzoumanian, Zaven ; Bansal, Karishma; Blumer, Harsha; Chakrabarty, Deepto; Gendreau, Keith; Ho, Wynn C. G.; Kouveliotou, Chryssa; Ray, Paul S.; and 6 more), ApJ, 920, L4 – L29, 2021.

Swift/XRT Deep Galactic Plane Survey Discovery of a New Intermediate Polar Cataclysmic Variable, Swift J183920.1-045350, (Gorgone, Nicholas M.; Woudt, Patrick A.; Buckley, David; Mukai, Koji; Kouveliotou, Chryssa; Huppenkothen, Daniela; Göğüş, Ersin; Bellm, Eric; Linford, Justin D; van der Horst, Alexander J.; Baring, Matthew G.; Hartmann; Barrett, Paul; Cenko, Bradley ; Graham, Melissa; Granot, Johnathan; Harrison, Fiona ; Kennea; O'Connor, Brendan M.; Potter, Stephen; Stern, Daniel; Slane, Patrick; Wijers, Ralph), ApJ, 923, 243-256, 2021.

Fermi/GBM Observations of the SGRJ1935+2154 Burst Forest, (Kaneko, Yuki; Göğüş, Ersin; Baring, Matthew G.; Kouveliotou, Chryssa; Lin, Lin; Roberts, Oliver J. van der Horst, Alexander J.; Younes, George; Keskin, Özge; Çoban, Ömer Faruk), ApJ, 16, L7-L14, 2021.

A tale of two mergers: constraints on kilonova detection in two short GRBs at $z \sim 0.5$, (O'Connor, B.; Troja, E.; Dichiara, S.; Chase, E. A. ; Ryan, G.; Cenko, S. B.; Fryer, C. L. ; Ricci, R. ; Marshall, F. ; Kouveliotou, C. ; Wollaeger, R. T. ; Fontes, C. J.; Korobkin, O.; Gatkine, P. ; Kutyrev, A. ; Veilleux, S. ; Kawai, N. ; Sakamoto, T.), MNRAS, 502, 1279-1298, 2021.

Rapid spectral variability of a giant flare from a magnetar in NGC 253, (Roberts, O. J.; Veres, P.; Baring, M. G.; Briggs, M. S.; Kouveliotou, C.; and 16 more), Nature, 589, 207-210, 2021.

Broadband X-ray Burst Spectroscopy of the Fast-Radio-Burst-emitting Galactic magnetar (Younes, G.; Baring, M. G.; Kouveliotou, C., and 23 more), Nature Astronomy, 5, 408-413, 2021.

2020

Persistent Emission Properties of SGR J1935+2154 during Its 2020 Active Episode, (Ersin Göğüş, Matthew G. Baring, Chryssa Kouveliotou, Tolga Güver, Lin Lin, Oliver J. Roberts, George Younes, Yuki Kaneko, and Alexander J. van der Horst), ApJ, 905, L31- L36, 2020.

Fermi/GBM View of the 2019 and 2020 Burst Active Episodes of SGR J1935+2154, (Lin, Lin; Göğüş, Ersin; Roberts, Oliver J.; Baring, Matthew G.; Kouveliotou, Chryssa; Kaneko, Yuki; van der Horst, Alexander J.; Younes, George), ApJ, 90, L43- L53, 2020.

High-cadence observations and variable spin behaviour of magnetar Swift J1818.0-1607 after its outburst, (Champion, David; Cognard, Ismael; Cruces, Marilyn; Desvignes, Gregory; Jankowski, Fabian; Karuppusamy, Ramesh; Keith, Michael J.; Kouveliotou, Chryssa; and 17 more), MNRAS, 498, 6044-6056, 2020.

NICER View of the 2020 Burst Storm and Persistent Emission of SGR 1935+2154, (Younes, George; Guver, Tolga; Kouveliotou, Chryssa, and 12 more), ApJ, 904, L21- L41, 2020.

Lyman continuum leakage in faint star-forming galaxies redshift z = 3-3.5 probed by gamma-ray bursts; (Vielfaure, J. -B.; Vergani, S. D.; Japelj, J. and 23 more), A&A, 641, p. 12, 2020.

Radio afterglows of very high-energy gamma-ray bursts 190829A and 180720B, Rhodes, L.; van der Horst, A. J.; Fender, R. Monageng, I. M.; Anderson, G. E.; (Antoniadis, J.; Bietenholz, M. F.; Böttcher, M.; Bright, J. S.; Green, D. A.; Kouveliotou, C.; Kramer, M.; Motta, S. E.; Wijers, R. A. M. J.; Williams, D. R. A.; Woudt, P. A.), MNRAS, 496, p. 3326, 2020.

A Radiatively Quiet Glitch and Anti-glitch in the Magnetar 1E 2259+586, (Younes, George; Ray, Paul S.; Baring, Matthew G., Kouveliotou, Chryssa; Fletcher, Corinne; Wadiasingh, Zorawar; Harding, Alice K.; Goldstein, Adam), ApJ, 896, p. 42L, 2020.

Constraints on the circumburst environments of short gamma-ray bursts, (O'Connor, Brendan; Beniamini, Paz; Kouveliotou, Chryssa), MNRAS, 495, p. 4782, 2020.

Burst Properties of the Most Recurring Transient Magnetar SGR J1935+2154, (Lin, Lin; Göğüş, Ersin; Roberts, Oliver J.; Kouveliotou, Chryssa; Kaneko, Yuki; van der Horst, Alexander J.; Younes, George), ApJ, 893, p. 156L, 2020.

Simultaneous Magnetic Polar Cap Heating during a Flaring Episode from the Magnetar 1RXS J170849.0-400910, (Younes, George; Baring, Matthew G.; Kouveliotou, Chryssa; Wadiasingh, Zorawar; Huppenkothen, Daniela; Harding, Alice K.), ApJ, 889, p. 27L, 2020.

2019

Observation of inverse Compton emission from a long gamma-ray burst, (MAGIC Collaboration; Acciari, V.A., and 305 more), Nature, 575, p.459, 2019.

Identification of strontium in the merger of two neutron stars, (Watson, Darach; Hansen, Camilla J.; Selsing, Jonatan; et al.,), Nature, 574, p.497, 2019.

Discovery and Identification of MAXI J1621-501 as a Type I X-Ray Burster with a Super-orbital Period, (Gorgone, Nicholas M.; Kouveliotou, Chryssa; Negoro, Hitoshi; et al.,), ApJ, 884, p.19, 2019.

Formation rates and evolution histories of magnetars, (Beniamini, Paz; Hotokezaka, Kenta; van der Horst, Alexander; Kouveliotou, Chryssa), MNRAS, 487, p. 1426, 2019.

Detailed multiwavelength modelling of the dark GRB 140713A and its host galaxy, (Higgins, A. B.; van der Horst, A. J.; Starling, R. L. C.; Anderson, G.; Perley, D.; van Eerten, H.; Wiersema, K.; Jakobsson, P.; Kouveliotou, C.; Lamb, G. P.; Tanvir, N. R.), MNRAS, 484, p.5245, 2019.

Signatures of a jet cocoon in early spectra of a Supernova associated with a gamma-ray burst, (Izzo, L.; de Ugarte Postigo, A.; Maeda, K.; et al.,), Nature, 565, 7739, p. 324, 2019.

2018

The luminous host galaxy, faint supernova and rapid afterglow rebrightening of GRB 100418A, (de Ugarte Postigo, A.; Thöne, C. C.; Bensch, K.; et al.,), *A&A*, 620, p.23, 2018.

Compton echoes from nearby gamma-ray bursts, (Beniamini, Paz; Giannios, Dimitrios; Younes, George; van der Horst, Alexander J.; Kouveliotou, Chryssa), *MNRAS*, 476, Issue 4, p.5621-5628, 2018.

Identification of the Infrared Counterpart of 1935+2154 with the Hubble Space Telescope, (Levan, A., Kouveliotou, C., Fruchter, A.), *Astrophysical Journal*, 854, 161L, 2018.

2017

ThunderKAT: The MeerKAT Large Survey Project for Image-Plane Radio Transients,(Fender, R.; Woudt, P. A.; Armstrong, R.; Groot, P.; McBride, V.; Miller-Jones, J.; Mooley, K.; Stappers, B.; Wijers, R.; Bietenholz, M.; and 52 coauthors), "MeerKAT Science: On the Pathway to the SKA", *Proceedings*, eprint arXiv:1711.04132, 2017.

The Sleeping Monster: NuSTAR Observations of SGR 1806-20, 11 Years After the Giant Flare, (Younes, G., Baring, M.G., Kouveliotou, C., Harding, A., Donovan, S., Gogus, E., Kaspi, V., Granot, J.), *Astrophysical Journal*, 851, 17, 2017.

Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger, (Pian, E., and 83 co-authors), *Nature*, 551, 67, 2017.

The unpolarized macronova associated with the gravitational wave event GW 170817, (Covino, S., and 39 co-authors), *Nature Astronomy*, 1, 79, 2017.

The High-frequency Radio Emission of the Galactic Center Magnetar SGR J1745–29 during a Transitional Period, (Gelfand, J.D., Ransom, S., Kouveliotou, C., Granot, J., van der Horst, A. J., Zhang, G., Gogus, E., Roberts, M.S.E., Ali, H.A.), *Astrophysical Journal*, 850, 53, 2017.

Multi-messenger Observations of a Binary Neutron Star Merger, (Abbott, B.P. and 3676 co-authors), *Astrophysical Journal*, 848, L12, 2017.

Photospheric Emission in the Joint GBM and Konus Prompt Spectra of GRB 1203, (Guiriec, S., Gehrels, N., McEnery, J., Kouveliotou, C., Hartmann, D. H.), *Astrophysical Journal*, 846, 138, 2017.

X-ray and radio observations of the magnetar SGR J1935+2154 during its 2014, 2015, and 2016 outbursts, (Younes, G., Kouveliotou, C., Jaodand, A., Baring, M., van

der Horst, A., Harding, A., Hessels, J., Gehrels, N., Gill, R., Huppenkothen, D., Granot, J., Göğüş, E., Lin, L.), *Astrophysical Journal*, 847, 85, 2017.

Learning about the magnetar Swift J1834.9-0846 from its wind nebula, (Granot, J.; Gill, R.; Younes, G.; Gelfand, J.; Harding, A.; Kouveliotou, C.; Baring, M. G.), *MNRAS*, 464, 489, 2017.

Burst and Outburst Characteristics of Magnetar 4U 0142+61, (Göğüş, E.; Lin, L.; Roberts, O. J.; Chakraborty, M.; Kaneko, Yuki; Gill, R.; Granot, J.; van der Horst, A. J.; Watts, A. L.; Baring, M.; Kouveliotou, C.; Huppenkothen, D.; Younes, G.), *The Astrophysical Journal*, 835, 68, 2017.

Detection of Very Low-frequency, Quasi-periodic Oscillations in the 2015 Outburst of V404 Cygni, (Huppenkothen, D.; Younes, G.; Ingram, A.; Kouveliotou, C.; Göğüş, E.; Bachetti, M.; Sánchez-Fernández, C.; Chenevez, J.; Motta, S.; van der Klis, M.; Granot, J.; Gehrels, N.; Kuulkers, E.; Tomsick, J. A.; Walton, D. J.), *The Astrophysical Journal*, 834, 90, 2017.

2016

A Unified Model for GRB Prompt Emission from Optical to γ -Rays: Exploring GRBs as Standard Candles, (Guiriec, S.; Kouveliotou, C.; Hartmann, D. H.; Granot, J.; Asano, K.; Mészáros, P.; Gill, R.; Gehrels, N.; McEnery, J.), *The Astrophysical Journal*, 831, L8, 2016.

Magnetar-like X-Ray Bursts from a Rotation-powered Pulsar, PSR J1119-6127, (Göğüş, E.; Lin, L.; Kaneko, Y.; Kouveliotou, C.; Watts, A. L.; Chakraborty, M.; Alpar, M. Ali; Huppenkothen, D.; Roberts, O. J.; Younes, G.e; van der Horst, A. J.), *The Astrophysical Journal*, 829, L25, 2016.

Fermi LAT Stacking Analysis of Swift Localized GRBs, (Ackermann, M.; Ajello, M.; Anderson, B.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Barbiellini, G.; Bastieri, D.; Bellazzini, R.; Bhat, P. N.; Bissaldi, E.; Bonino, R.; Bottacini, E.; Brandt, T. J.; Bregeon, J.; Bruel, P.; Buehler, R.; Buson, S.; Caliandro, G. A.; Cameron, R. A.; Caragiulo, M.; Caraveo, P. A.; Cecchi, C.; Charles, E.; Chekhtman, A.; Chiang, J.; Chiaro, G.; Ciprini, S.; Claus, R.; Cohen-Tanugi, J.; Conrad, J.; Cutini, S.; D'Ammando, F.; de Angelis, A.; de Palma, F.; Desiante, R.; Di Venere, L.; Drell, P. S.; Favuzzi, C.; Focke, W. B.; Franckowiak, A.; Funk, S.; Fusco, P.; Gargano, F.; Gasparini, D.; Gehrels, N.; Giglietto, N.; Giordano, F.; Giroletti, M.; Godfrey, G.; Grenier, I. A.; Grove, J. E.; Guiriec, S.; Hewitt, J. W.; Hill, A. B.; Horan, D.; Jóhannesson, G.; Kocevski, D.; Kouveliotou, C.; Kuss, M.; Larsson, S.; Li, J.; Li, L.; Longo, F.; Loparco, F.; Lovellette, M. N.; Lubrano, P.; Mayer, M.; Mazziotta, M. N.; McEnery, J. E.; Michelson, P. F.; Mizuno, T.; Monzani, M. E.; Morselli, A.; Murgia, S.; Nemmen, R.; Nuss, E.; Ohno, M.; Ohsugi, T.; Omodei, N.; Orienti, M.; Orlando, E.; Paneque, D.; Perkins, J. S.; Pesce-Rollins, M.; Piron, F.; Pivato, G.; Porter, T. A.; Racusin, J. L.; Rainò, S.; Rando, R.; Razzano, M.; Reimer, A.; Reimer, O.; Schaal, M.; Schulz, A.; Sgrò, C.; Siskind, E. J.; Spada, F.; Spandre, G.; Spinelli, P.; Takahashi, H.; Thayer, J. B.; Tibaldo, L.; Tinivella, M.; Torres, D. F.; Tosti, G.; Troja, E.; Vianello, G.; von Kienlin, A.; Werner, M.; Wood, K. S.), *The Astrophysical Journal*, 822, 68, 2016.

The wind nebula around magnetar Swift J1834.9-0846, (Younes, G.; Kouveliotou, C.;

Kargaltsev, O.; Gill, R.; Granot, J.; Watts, A. L.; Gelfand, J.; Baring, M. G.; Harding, A.; Pavlov, G. G.; van der Horst, A. J.; Huppenkothen, D.; Göögüs, E.; Lin, L.; Roberts, O. J.), eprint arXiv:1604.06472, *The Astrophysical Journal*, in press, 2016.

The Third Fermi GBM Gamma-Ray Burst Catalog: The First Six Years, (N. Bhat, P.; Meegan, C.A.; von Kienlin, A.; Paciesas, W.S.; Briggs, M.S.; Burgess, J. M.; Burns, E.; Chaplin, V.; Cleveland, W.H.; Collazzi, A.C.; Connaughton, V.; Diekmann, A.M.; Fitzpatrick, G.; Gibby, M.H.; Giles, M.M.; Goldstein, A.M.; Greiner, J.; Jenke, P.A.; Kippen, R. M.; Kouveliotou, C.; Mailyan, B.; McBreen, S.; Pelassa, V.; Preece, R.D.; Roberts, O.J.; Sparke, L.S.; Stanbro, M.; Veres, P.; Wilson-Hodge, C.A.; Xiong, S.; Younes, G.; Yu, H.-F.; Zhang, B.), *The Astrophysical Journal Supplement Series*, 223, 18, 2016.

CGRO/BATSE Data Support the New Paradigm for GRB Prompt Emission and the New $L_i^{n\text{Th}} - E_{\text{peak},i}^{n\text{Th},\text{rest}}$ Relation, (Guiriec, S.; Gonzalez, M. M.; Sacahui, J. R.; Kouveliotou, C.; Gehrels, N.; McEnery, J.), *The Astrophysical Journal*, 819, 79, 32, 2016.

The Fermi GBM gamma-ray burst time-resolved spectral catalog: brightest bursts in the first four years, (Yu, H.-F.; Preece, R. D.; Greiner, J.; Bhat, P. N.; Bissaldi; E.; Briggs, M. S.; Cleveland, W. H.; Connaughton, V.; Goldstein, A.; von, Kienlin; A.; Kouveliotou, C.; Mailyan, B.; Meegan, C. A.; Paciesas, W. S.; Rau, A.; Roberts, O. J.; Veres, P.; Wilson-Hodge, C.; Zhang, B.-B.; van Eerten, H. J.), *A&A*, 588, 135, 2016.

2015

GRB 131014A: A Laboratory for Studying the Thermal-like and Non-thermal Emissions in Gamma-Ray Bursts, and the New $L^{n\text{Th}_i} - E^{n\text{Th},\text{rest}_{\text{peak},i}}$ Relation, (Guiriec, S.; Mochkovitch, R.; Piran, T.; Daigne, F.; Kouveliotou, C.; Racusin, J.; Gehrels, N.; McEnery, J.), *Astrophysical Journal*, 814, 25, 2015.

Dissecting Magnetar Variability with Bayesian Hierarchical Models, (Huppenkothen, D., et al.), *Astrophysical Journal*, 810, 66, 2015.

XMM-Newton Observations of SGR 1806-20 Over Seven Years Following the 2004 Giant Flare, (Younes, G., Kouveliotou, C., Kaspi, V.), *Astrophysical Journal*, 809, 165, 2015.

Toward a Better Understanding of the GRB Phenomenon: a New Model for GRB Prompt Emission and its Effects on the New $L_i^{\text{NT}} - E_{\text{peak},i}^{\text{rest,NT}}$ Relation, (Guiriec, S., et al.,), *Astrophysical Journal*, 807, 148, 2015.

Deep NuSTAR and Swift Monitoring Observations of the Magnetar 1E 1841-045, (An, H., et al.,), *Astrophysical Journal*, 807, 93, 2015.

The Needle in the 100 deg² Haystack: Uncovering Afterglows of Fermi GRBs with the Palomar Transient Factory, (Singer, L.P., et al.,), *Astrophysical Journal*, 806, 52, 2015.

The Five Year Fermi/GBM Magnetar Burst Catalog, (Collazzi, A.C., et al.,), *Astrophysical Journal Supplement Series*, 218, 11, 2015.

Simultaneous NuSTAR/Chandra Observations of the Bursting Pulsar GRO J1744-28 during Its Third Reactivation, (Younes, G., et al.), *Astrophysical Journal*, 804, 43, 2015.

Detailed afterglow modelling and host galaxy properties of the dark GRB 111215A, (van der Horst, A.J., et al.), *MNRAS*, 446, 4116, 2015.

Synchrotron cooling in energetic gamma-ray bursts observed by the Fermi Gamma-Ray Burst Monitor, (Yu, H.-F., et al.), *A&A*, 573, 81, 2015.

A comprehensive radio view of the extremely bright gamma-ray burst 130427A, (van der Horst, A.J., et al.), *MNRAS*, 444, 3151, 2014.

High-resolution X-Ray Spectroscopy of the Bursting Pulsar GRO J1744-28, (Degenaar, N.; Miller, J. M.; Harrison, F. A.; Kennea, J. A.; Kouveliotou, C.; Younes, G.), *Astrophysical Journal Letters*, 796, 9, 2014.

A Broadband X-Ray Study of the Geminga Pulsar with NuSTAR and XMM-Newton, (Mori, K. et al), *Astrophysical Journal*, 793, 88, 2014.

Hubble Space Telescope Observations of the Afterglow, Supernova, and Host Galaxy Associated with the Extremely Bright GRB 130427A, (Levan, A.J., et al.), *Astrophysical Journal Letters*, 792, 115, 2014.

NuSTAR Observations of X-Ray Bursts from the Magnetar 1E 1048.1–5937, (An, H., et al.), *Astrophysical Journal*, 790, 9, 2014.

Quasi-periodic Oscillations in Short Recurring Bursts of the Soft Gamma Repeater J1550-5418, (Huppenkothen, D., et al.), *Astrophysical Journal*, 787, 128, 2014.

Timing and Flux Evolution of the Galactic Center Magnetar SGR J1745–2900, (Kaspi, V.M., et al.), *Astrophysical Journal*, 786, 84, 2014.

Time Resolved Spectroscopy of SGR J1550-5418 Bursts Detected with Fermi/Gamma-Ray Burst Monitor, (Younes, G., et al.), *Astrophysical Journal*, 785, 52, 2014.

An Observed Correlation between Thermal and Non-thermal Emission in Gamma-Ray Bursts, (Burgess, J.M., et al.), *Astrophysical Journal Letters*, 784, 43, 2014.

X-Ray Spectral Components Observed in the Afterglow of GRB 130925A, (Bellm, E.C., et al.), *Astrophysical Journal Letters*, 784, 19, 2014.

The Second Fermi GBM Gamma-Ray Burst Catalog: The First Four Years, (von Kienlin, A. et al.), *Astrophysical Journal Supplement Series*, 211, 13, 2014.

The Fermi GBM Gamma-Ray Burst Spectral Catalog: Four Years of Data, (Gruber, D. et al.), *Astrophysical Journal Supplement Series*, 211, 12, 2014.

Time-resolved Analysis of Fermi Gamma-Ray Bursts with Fast- and Slow-cooled Synchrotron Photon Models, (Burgess, J.M. et al.), *Astrophysical Journal*, 784, 17, 2014.

NuSTAR results and future plans for magnetar and rotation-powered pulsar observations, (An, H. et al.), *Astronomische Nachrichten*, 335-3, 280-284, 2014.

GRB 130427A: A Nearby Ordinary Monster, (Maselli, A. et al.), *Science*, 343, 48, 2014.

The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks, (Preece, R. et al.), *Science*, 343, 51, 2014.

Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A, (Ackermann, M. et al.), *Science*, 343, 42, 2014.

2013

Broad-band monitoring tracing the evolution of the jet and disc in the black hole candidate X-ray binary MAXI J1659-152, (van der Horst, A.J. et al.), *MNRAS*, 436, 2625, 2013.

The First Fermi-LAT Gamma-Ray Burst Catalog, (Ackermann, M., et al.), *The Astrophysical Journal Supplement Series*, 209, 11, 2013.

NuSTAR Observations of GRB 130427A Establish a Single Component Synchrotron Afterglow Origin for the Late Optical to Multi-GeV Emission, (Kouveliotou, C. et al.), *The Astrophysical Journal*, 779, 1L, 2013.

NuSTAR Observations of Magnetar 1E 1841–045, (An, H. et al.), *The Astrophysical Journal*, 779, 163, 2013.

Detailed Investigations of the Dimmest Bursts from Two Magnetars, SGR J0501+4516 and SGR J1550–5418, (Lin, L., Göğüş, E., Kaneko, Y., Kouveliotou, C.), *The Astrophysical Journal*, 778, 105, 2013.

The First Fermi-LAT Gamma-Ray Burst Catalog, (Ackermann, M. et al.), *The Astrophysical Journal Supplement Series*, 209, 11, 2013.

The BATSE 5B Gamma-Ray Burst Spectral Catalog, (Goldstein, A. et al.), *The Astrophysical Journal Supplement Series*, 208, 21, 2013.

Models of hydrostatic magnetar atmospheres at high luminosities, (van Putten, T., Watts, A. L., D'Angelo, C. R., Baring, M. G., Kouveliotou, C.), *MNRAS*, 434, 139, 2013.

Interplanetary Network Localizations of Konus Short Gamma-Ray Bursts, (Pal'shin, V.D. et al.), *The Astrophysical Journal Supplement Series*, 207, 38, 2013.

The Burst Cluster: Dark Matter in a Cluster Merger Associated with the Short Gamma-Ray Burst, GRB 050509B, (Dahle, H. et al.), *The Astrophysical Journal*, 772, 23, 2013.

VLBI observations of the shortest orbital period black hole binary, MAXI J1659-152, (Paragi, Z. et al.), *MNRAS*, 432, 131, 2013.

Swift Discovery of a New Soft Gamma Repeater, SGR J1745-29, near Sagittarius A*, (Kennea, J.A., et al.), *The Astrophysical Journal*, 770, 24L, 2013.

The Outburst Decay of the Low Magnetic Field Magnetar SGR 0418+5729, (Rea, N. et al.), *The Astrophysical Journal*, 770, 65, 2013.

Evidence for a Photospheric Component in the Prompt Emission of the Short GRB 120323A and Its Effects on the GRB Hardness-Luminosity Relation, (Guiriec, S. et al.), *The Astrophysical Journal*, 770, 32, 2013.

Quasi-periodic Oscillations and Broadband Variability in Short Magnetar Bursts, (Huppenkothen, D. et al.), *The Astrophysical Journal*, 768, 87, 2013.

SN 2009ip: Constraints on the Progenitor Mass-loss Rate, (Ofek, E.O., Lin, L., Kouveliotou, C., Younes, G., Göğüş, E., Kasliwal, M.M., Cao, Y.), *The Astrophysical Journal*, 768, 47, 2013.

MAXI J1659-152: the shortest orbital period black-hole transient in outburst, (Kuulkers, E. et al.), *A&A*, 552, 32, 2013.

Multiwavelength Observations of GRB 110731A: GeV Emission from Onset to Afterglow, (Ackermann, M. et al.), *The Astrophysical Journal*, 763, 71, 2013.

Anomalies in low-energy gamma-ray burst spectra with the Fermi Gamma-ray Burst Monitor, (Tierney, D. et al.), *A&A*, 550, 102, 2012.

2012

On the X-Ray Emission Mechanisms of the Persistent Source and Very Low Fluence Bursts of SGR J0501+4516, (Lin, L., Göğüş, E., Güver, T., Kouveliotou, C.), *The Astrophysical Journal*, 761, 132L, 2012.

The Fermi-GBM X-Ray Burst Monitor: Thermonuclear Bursts from 4U 0614+09, (Linares, M. et al.), *The Astrophysical Journal*, 760, 133, 2012.

The optical SN 2012bz associated with the long GRB 120422A, (Melandri, A. et al.), *A&A*, 547, 82, 2012.

Detailed optical and near-infrared polarimetry, spectroscopy and broad-band photometry of the afterglow of GRB 091018: polarization evolution, (Wiersema, K. et al), *MNRAS*, 426, 2, 2012.

ORIGIN: metal creation and evolution from the cosmic dawn, (den Herder, J.-W. et al.), *Experimental Astronomy*, 34, 519, 2012.

GRB110721A: An Extreme Peak Energy and Signatures of the Photosphere, (Axelsson, M. et al.) *The Astrophysical Journal*, 757, 31, 2012.

GRB 101225A - a new class of GRBs? (Thöne, C. C. et al.) in Death of Massive Stars: Supernovae and Gamma-Ray Bursts, 279, 91, 2012.

XMM-Newton View of Swift J1834.9-0846 and Its Magnetar Wind Nebula, (Younes, G. et al.), *The Astrophysical Journal*, 757, 39, 2012.

Broadband Spectral Investigations of SGR J1550-5418 Bursts, (Lin, L. et al), *The Astrophysical Journal*, 756, 54L, 2012.

Detection of Spectral Evolution in the Bursts Emitted during the 2008-2009 Active Episode of SGR J1550-5418, (von Kienlin, A. et al.), *The Astrophysical Journal*, 755, 150, 2012.

Constraining the High-energy Emission from Gamma-Ray Bursts with Fermi, (Ackermann, M. et al.), *The Astrophysical Journal*, 754, 121, 2012.

Star Formation in the Early Universe: Beyond the Tip of the Iceberg, (Tanvir, N.R. et al.), *The Astrophysical Journal*, 754, 46, 2012.

A New Low Magnetic Field Magnetar: The 2011 Outburst of Swift J1822.3-1606, (Rea, N. et al.), *The Astrophysical Journal*, 754, 27, 2012.

The unusual γ -ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33, (Thöne, C. C. et al.), *Nature*, 482, 120, 2012.

Polarimetry of the transient relativistic jet of GRB 110328/Swift J164449.3+573451, (Wiersema, K.; van der Horst, A. J.; Levan, A. J.; Tanvir, N. R.; Karjalainen, R.; Kamble, A.; Kouveliotou, C.; Metzger, B. D.; Russell, D. M.; Skillen, I.; Starling, R. L. C.; Wijers, R. A. M. J.), *Monthly Notices of the Royal Astronomical Society*, 421, 1942, 2012.

SGR J1550-5418 Bursts Detected with the Fermi Gamma-Ray Burst Monitor during its Most Prolific Activity, (van der Horst, A. J., Kouveliotou, C., et al.), *The Astrophysical Journal*, 749, 122, 2012.

The Fermi GBM Gamma-Ray Burst Spectral Catalog: The First Two Years, (Goldstein, A. et al.), *The Astrophysical Journal Supplement*, 199, 19, 2012.

The Fermi GBM Gamma-Ray Burst Catalog: The First Two Years, (Paciesas, W.S. et al.), *The Astrophysical Journal Supplement*, 199, 18, 2012.

X-Ray Observations of the New Unusual Magnetar Swift J1834.9-0846, (Kargaltsev, Oleg; Kouveliotou, Chryssa; Pavlov, George G.; Göğüş, Ersin; Lin, Lin; Wachter, Stefanie; Griffith, Roger L.; Kaneko, Yuki; Younes, George), *The Astrophysical Journal*, 748, 26, 2012.

Very Large Telescope/X-shooter Spectroscopy of the Candidate Black Hole X-Ray Binary MAXI J1659-152 in Outburst, (Kaur, R. et al.), *The Astrophysical Journal Letters*, 746, 23, 2012.

Early Radio and X-Ray Observations of the Youngest nearby Type Ia Supernova PTF 11kly (SN 2011fe), (Horesh, A. et al.), *The Astrophysical Journal*, 746, 21, 2012.

Temporal Deconvolution Study of Long and Short Gamma-Ray Burst Light Curves, (Bhat, N., Briggs, M.S.; Connaughton, V.; Kouveliotou, C., et al.), *The Astrophysical Journal*, 744, 141, 2012.

The connection between thermal and non-thermal emission in gamma-ray bursts: general considerations and GRB 090902B as a case study, (Pe'er, A., Zhang, B.-B.; Ryde, F.; McGlynn, S.; Zhang, B.; Preece, R. D.; Kouveliotou, C.), *MNRAS*, 420, 468, 2012.

2011

The unusual γ -ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33, (Thöne, C. C.; de Ugarte Postigo, A.; Fryer, C. L.; Page, K. L.; Gorosabel, J.; Aloy, M. A.; Perley, D. A.; Kouveliotou, C.; Janka, H. T.; Mimica, P., et al.), *Nature*, 480, 72, 2011.

Constraints on the Synchrotron Shock Model for the Fermi GRB 090820A Observed by Gamma-Ray Burst Monitor, (Burgess, J.M., et al.), *The Astrophysical Journal*, 741, 24, 2011.

Burst and Persistent Emission Properties during the Recent Active Episode of the Anomalous X-Ray Pulsar 1E 1841-045, (Lin, L., Kouveliotou, C., et al.), The Astrophysical Journal Letters, 740, 16L, 2011.

Extended Tails from SGR 1806-20 Bursts, (Göğüş, E.; Woods, P. M.; Kouveliotou, C.; Finger, M.H.; Pal'shin, V.; Kaneko, Y.; Golenetskii, S.; Frederiks, D.; Airhart, C.), The Astrophysical Journal, 740, 55, 2011.

Fermi/Gamma-Ray Burst Monitor Observations of SGR J0501+4516 Bursts, (Lin, L., Kouveliotou, C., et al.), The Astrophysical Journal, 739, 87, 2011.

The Interplanetary Network Supplement to the Burst and Transient Source Experiment 5B Catalog of Cosmic Gamma-Ray Bursts, (Hurley, K.; Briggs, M. S.; Kippen, R. M.; Kouveliotou, C.; Fishman, G.; Meegan, C.; Cline, T.; Trombka, J.; McClanahan, T.; Boynton, W.; Starr, R.; McNutt, R.; Boér, M.), The Astrophysical Journal Supplement, 196, 1, 2011.

An Extremely Luminous Panchromatic Outburst from the Nucleus of a Distant Galaxy, (Levan, A., et al.), Science, 333, 199, 2011.

Rest-frame properties of 32 gamma-ray bursts observed by the Fermi Gamma-ray Burst Monitor, (Gruber, D., et al.), Astronomy & Astrophysics, 531, 20, 2011.

Search for Gravitational Wave Bursts from Six Magnetars, (Abadie, J., et al.), The Astrophysical Journal Letters, 734, L35, 2011.

First-year Results of Broadband Spectroscopy of the Brightest Fermi-GBM Gamma-Ray Bursts, (Bissaldi, Elisabetta; von Kienlin, Andreas; Kouveliotou, Chryssa; Briggs, Michael S.; Connaughton, Valerie; Greiner, Jochen; Gruber, David; Lichti, Giselher; Bhat, P. N.; Burgess, Michael; Chaplin, Vandiver; Diehl, Roland; Fishman, Gerald J.; Fitzpatrick, Gerard; Foley, Suzanne; Gibby, Melissa H.; Giles, Misty M.; Goldstein, Adam; Guiriec, Sylvain; van der Horst, Alexander J.; Kippen, R. Marc; Lin, Lin; McBreen, Sheila; Meegan, Charles A.; Paciesas, William S.; Preece, Robert D.; Rau, Arne; Tierney, Dave; Wilson-Hodge, Colleen), The Astrophysical Journal, 733, 97, 2011.

ORIGIN: metal creation and evolution from the cosmic dawn, (den Herder, J.-W.; Piro, L.; Ohashi, T.; Kouveliotou, C. et al.) Experimental Astronomy, Springer, online Journal, 2011.

A tale of two GRB-SNe at a common redshift of z=0.54, (Cano, Z. et al), MNRAS, 413, 669, 2011.

The Missing Link: Merging Neutron Stars Naturally Produce Jet-like Structures and Can Power Short Gamma-ray Bursts, (Rezzolla, Luciano; Giacomazzo, Bruno; Baiotti, Luca; Granot, Jonathan; Kouveliotou, Chryssa; Aloy, Miguel A.), The Astrophysical Journal Letters, 732, L6, 2011.

Fermi/GBM observations of the ultra-long GRB 091024. A burst with an optical flash, (Gruber, D. et al), A&A, 528, 15, 2011.

Discovery of the nearby long, soft GRB 100316D with an associated supernova, (Starling, R. et al.), MNRAS, 411, 2792, 2011.

Detection of a Spectral Break in the Extra Hard Component of GRB 090926A, (Ackerman, M. et al), *The Astrophysical Journal*, 729, 114, 2011.

Long-term Radiative Behavior Of SGR 1900+14, (Gögüs, Ersin; Güver, Tolga; Özel, Feryal; Eichler, David; Kouveliotou, Chryssa), *The Astrophysical Journal*, 728, 160, 2011.

When a Standard Candle Flickers, (Wilson-Hodge, Colleen A.; Cherry, Michael L.; Case, Gary L.; Baumgartner, Wayne H.; Beklen, Elif; Narayana Bhat, P.; Briggs, Michael S.; Camero-Arranz, Ascension; Chaplin, Vandiver; Connaughton, Valerie; Finger, Mark H.; Gehrels, Neil; Greiner, Jochen; Jahoda, Keith; Jenke, Peter; Kippen, R. Marc; Kouveliotou, Chryssa; Krimm, Hans A.; Kuulkers, Erik; Lund, Niels; Meegan, Charles A.; Natalucci, Lorenzo; Paciesas, William S.; Preece, Robert; Rodi, James C.; Shaposhnikov, Nikolai; Skinner, Gerald K.; Swartz, Doug; von Kienlin, Andreas; Diehl, Roland; Zhang, Xiao-Ling), *The Astrophysical Journal Letters*, 727, L40, 2011.

Detection of a Thermal Spectral Component in the Prompt Emission of GRB 100724B, (Guiriec, Sylvain; Connaughton, Valerie; Briggs, Michael S.; Burgess, Michael; Ryde, Felix; Daigne, Frédéric; Mészáros, Peter; Goldstein, Adam; McEnery, Julie; Omodei, Nicola; Bhat, P. N.; Bissaldi, Elisabetta; Camero-Arranz, Ascensión; Chaplin, Vandiver; Diehl, Roland; Fishman, Gerald; Foley, Suzanne; Gibby, Melissa; Giles, Misty M.; Greiner, Jochen; Gruber, David; von Kienlin, Andreas; Kippen, Marc; Kouveliotou, Chryssa; McBreen, Sheila; Meegan, Charles A.; Paciesas, William; Preece, Robert; Rau, Arne; Tierney, Dave; van der Horst, Alexander J.; Wilson-Hodge, Colleen), *The Astrophysical Journal Letters*, 727, L33, 2011.

Probing the very high redshift Universe with gamma-ray bursts: prospects for observations with future X-ray instruments, (Campana, S.; Salvaterra, R.; Tagliaferri, G.; Kouveliotou, C.; Grindlay, J.), *Monthly Notices of the Royal Astronomical Society*, 410, 1611-1616, 2011.

Detailed Radio View on Two Stellar Explosions and Their Host Galaxy: XRF 080109/SN 2008D and SN 2007uy in NGC 2770, (van der Horst, A. J.; Kamble, A. P.; Paragi, Z.; Sage, L. J.; Pal, S.; Taylor, G. B.; Kouveliotou, C.; Granot, J.; Ramirez-Ruiz, E.; Ishwara-Chandra, C. H.; Oosterloo, T. A.; Wijers, R. A. M. J.; Wiersema, K.; Strom, R. G.; Bhattacharya, D.; Rol, E.; Starling, R. L. C.; Curran, P. A.; Garrett, M. A.), *The Astrophysical Journal*, 726, 99, 2011.

2010

Late-time Observations of GRB 080319B: Jet Break, Host Galaxy, and Accompanying Supernova, (Tanvir, N. R.; Rol, E.; Levan, A. J.; Svensson, K.; Fruchter, A. S.; Granot, J.; O'Brien, P. T.; Wiersema, K.; Starling, R. L. C.; Jakobsson, P.; Fynbo, J.; Hjorth, J.; Curran, P. A.; van der Horst, A. J.; Kouveliotou, C.; Racusin, J. L.; Burrows, D. N.; Genet, F.), *The Astrophysical Journal*, 725, 625-632, 2010.

Time-resolved Spectroscopy of the Three Brightest and Hardest Short Gamma-ray Bursts Observed with the Fermi Gamma-ray Burst Monitor, (Guiriec, Sylvain; Briggs, Michael S.; Connaughton, Valerie; Kara, Erin; Daigne, Frédéric; Kouveliotou, Chryssa; van der Horst, Alexander J.; Paciesas, William; Meegan, Charles A.; Bhat,

P. N.; Foley, Suzanne; Bissaldi, Elisabetta; Burgess, Michael; Chaplin, Vandiver; Diehl, Roland; Fishman, Gerald; Gibby, Melissa; Giles, Misty M.; Goldstein, Adam; Greiner, Jochen; Gruber, David; von Kienlin, Andreas; Kippen, Marc; McBreen, Sheila; Preece, Robert; Rau, Arne; Tierney, Dave; Wilson-Hodge, Colleen), The Astrophysical Journal, 725, 225-241, 2010.

A Low-Magnetic-Field Soft Gamma Repeater, (Rea, N.; Esposito, P.; Turolla, R.; Israel, G. L.; Zane, S.; Stella, L.; Mereghetti, S.; Tiengo, A.; Götz, D.; Göğüş, E.; Kouveliotou, C.), Science, 330, 944, 2010.

Probing the very high redshift Universe with gamma-ray bursts: prospects for observations with future X-ray instruments, (Campana, S.; Salvaterra, R.; Tagliaferri, G.; Kouveliotou, C.; Grindlay, J.), Submitted to MNRAS, 2010.

Spatial, Temporal, and Spectral Properties of X-ray Emission from the Magnetar SGR 0501+4516, (Göğüş, Ersin; Woods, Peter M.; Kouveliotou, Chryssa; Kaneko, Yuki; Gaensler, Bryan M.; Chatterjee, Shami), The Astrophysical Journal, 722, 899-908, 2010.

Photospheric radius expansion during magnetar bursts, (Watts, Anna L.; Kouveliotou, Chryssa; van der Horst, Alexander J.; Gogus, Ersin; Kaneko, Yuki; van der Klis, Michiel; Wijers, Ralph A. M. J.; Harding, Alice K.; Baring, Matthew G.), Astrophysical Journal, 719, 190, 2010.

Discovery of a New Soft Gamma Repeater, SGR J1833-0832, (Göğüş, E.; Cusumano, G.; Levan, A. J.; Kouveliotou, C.; Sakamoto, T.; Barthelmy, S. D.; Campana, S.; Kaneko, Y.; Stappers, B. W.; de Ugarte Postigo, A.; Strohmayer, T.; Palmer, D. M.; Gelbord, J.; Burrows, D. N.; van der Horst, A. J.; Muñoz-Darias, T.; Gehrels, N.; Hessels, J. W. T.; Kamble, A. P.; Wachter, S.; Wiersema, K.; Wijers, R. A. M. J.; Woods, P. M.), The Astrophysical Journal, 718, 331-339, 2010.

GRB 021004: Tomography of a gamma-ray burst progenitor and its host galaxy, (Castro-Tirado, A. J.; Møller, P.; García-Segura, G.; Gorosabel, J.; Pérez, E.; de Ugarte Postigo, A.; Solano, E.; Barrado, D.; Klose, S.; Kann, D. A.; Castro Cerón, J. M.; Kouveliotou, C.; Fynbo, J. P. U.; Hjorth, J.; Pedersen, H.; Pian, E.; Rol, E.; Palazzi, E.; Masetti, N.; Tanvir, N. R.; Vreeswijk, P. M.; Andersen, M. I.; Fruchter, A. S.; Greiner, J.; Wijers, R. A. M. J.; van den Heuvel, E. P. J.), Astronomy and Astrophysics, 517, 61, 2010.

Fermi Observations of GRB 090510: A Short-Hard Gamma-ray Burst with an Additional, Hard Power-law Component from 10 keV TO GeV Energies, (Ackermann, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Barbiellini, G.; Baring, M. G.; Bastieri, D.; Bechtol, K.; Bellazzini, R.; Berenji, B.; Bhat, P. N.; Bissaldi, E.; Blandford, R. D.; Bloom, E. D.; Bonamente, E.; Borgland, A. W.; Bouvier, A.; Bregeon, J.; Brez, A.; Briggs, M. S.; Brigida, M.; Bruel, P.; Buson, S.; Caliandro, G. A.; Cameron, R. A.; Caraveo, P. A.; Carrigan, S.; Casandjian, J. M.; Cecchi, C.; Çelik, Ö.; Charles, E.; Chiang, J.; Ciprini, S.; Claus, R.; Cohen-Tanugi, J.; Connaughton, V.; Conrad, J.; Dermer, C. D.; de Palma, F.; Dingus, B. L.; Silva, E. do Couto e.; Drell, P. S.; Dubois, R.; Dumora, D.; Farnier, C.; Favuzzi, C.; Fegan, S. J.; Finke, J.; Focke, W. B.; Frailis, M.; Fukazawa, Y.; Fusco, P.; Gargano, F.; Gasparrini, D.; Gehrels, N.; Germani, S.; Giglietto, N.; Giordano, F.; Glanzman, T.; Godfrey, G.;

Granot, J.; Grenier, I. A.; Grondin, M.-H.; Grove, J. E.; Guiriec, S.; Hadasch, D.; Harding, A. K.; Hays, E.; Horan, D.; Hughes, R. E.; Jóhannesson, G.; Johnson, W. N.; Kamae, T.; Katagiri, H.; Kataoka, J.; Kawai, N.; Kippen, R. M.; Knöldlseder, J.; Kocevski, D.; Kouveliotou, C.; Kuss, M.; Lande, J.; Latronico, L.; Lemoine-Goumard, M.; Llena Garde, M.; Longo, F.; Loparco, F.; Lott, B.; Lovellette, M. N.; Lubrano, P.; Makeev, A.; Mazziotta, M. N.; McEnery, J. E.; McGlynn, S.; Meegan, C.; Mészáros, P.; Michelson, P. F.; Mitthumsiri, W.; Mizuno, T.; Moiseev, A. A.; Monte, C.; Monzani, M. E.; Moretti, E.; Morselli, A.; Moskalenko, I. V.; Murgia, S.; Nakajima, H.; Nakamori, T.; Nolan, P. L.; Norris, J. P.; Nuss, E.; Ohno, M.; Ohsugi, T.; Omodei, N.; Orlando, E.; Ormes, J. F.; Ozaki, M.; Paciesas, W. S.; Paneque, D.; Panetta, J. H.; Parent, D.; Pelassa, V.; Pepe, M.; Pesce-Rollins, M.; Piron, F.; Preece, R.; Rainò, S.; Rando, R.; Razzano, M.; Razzaque, S.; Reimer, A.; Ritz, S.; Rodriguez, A. Y.; Roth, M.; Ryde, F.; Sadrozinski, H. F.-W.; Sander, A.; Scargle, J. D.; Schalk, T. L.; Sgrò, C.; Siskind, E. J.; Smith, P. D.; Spandre, G.; Spinelli, P.; Stamatikos, M.; Stecker, F. W.; Strickman, M. S.; Suson, D. J.; Tajima, H.; Takahashi, H.; Takahashi, T.; Tanaka, T.; Thayer, J. B.; Thayer, J. G.; Thompson, D. J.; Tibaldo, L.; Toma, K.; Torres, D. F.; Tosti, G.; Tramacere, A.; Uchiyama, Y.; Uehara, T.; Usher, T. L.; van der Horst, A. J.; Vasileiou, V.; Vilchez, N.; Vitale, V.; von Kienlin, A.; Waite, A. P.; Wang, P.; Wilson-Hodge, C.; Winer, B. L.; Wu, X. F.; Yamazaki, R.; Yang, Z.; Ylinen, T.; Ziegler, M.), The Astrophysical Journal, 716, 1178-1190, 2010.

GRB 090902B: Afterglow Observations and Implications, (Pandey, S. B.; Swenson, C. A.; Perley, D. A.; Guidorzi, C.; Wiersema, K.; Malesani, D.; Akerlof, C.; Ashley, M. C. B.; Bersier, D.; Cano, Z.; Gomboc, A.; Ilyin, I.; Jakobsson, P.; Kleiser, I. K. W.; Kobayashi, S.; Kouveliotou, C.; Levan, A. J.; McKay, T. A.; Melandri, A.; Mottram, C. J.; Mundell, C. G.; O'Brien, P. T.; Phillips, A.; Rex, J. M.; Siegel, M. H.; Smith, R. J.; Steele, I. A.; Stratta, G.; Tanvir, N. R.; Weights, D.; Yost, S. A.; Yuan, F.; Zheng, W.), The Astrophysical Journal, 714, 799-804, 2010.

Fermi Detection of Delayed GeV Emission from the Short Gamma-Ray Burst 081024B, (Abdo, A. A.; Ackermann, M.; Ajello, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Barbiellini, G.; Bastieri, D.; and 198 coauthors), The Astrophysical Journal, 712, 558-564, 2010.

Discovery of a New Soft Gamma Repeater: SGR J0418 + 5729, (van der Horst, A. J.; Connaughton, V.; Kouveliotou, C.; Göğüş, E.; Kaneko, Y.; Wachter, S.; Briggs, M. S.; Granot, J.; Ramirez-Ruiz, E.; Woods, P. M.; and 24 coauthors, The Astrophysical Journal Letters, 711, 1-6, 2010.

Low-Resolution Spectroscopy of Gamma-Ray Burst Optical Afterglows: Biases in the Swift Sample and Characterization of the Absorbers, (Fynbo, J. P. U.; Jakobsson, P.; Prochaska, J. X.; Malesani, D.; Ledoux, C.; de Ugarte Postigo, A.; Nardini, M.; Vreeswijk, P. M.; Wiersema, K.; Hjorth, J.; Sollerman, J.; Chen, H.-W.; Thöne, C. C.; Björnsson, G.; Bloom, J. S.; Castro-Tirado, A.; Christensen, L.; De Cia, A.; Fruchter, A. S.; Gorosabel, J. U.; Graham, J. F.; Jaunsen, A. O.; Jensen, B. L.; Kann, D. A.; Kouveliotou, C.; Levan, A.; Maund, J.; Masetti, N.; Milvang-Jensen, B.; Palazzi, E.; Perley, D. A.; Pian, E.; Rol, E.; Schady, P.; Starling, R.; Tanvir, N.; Watson, D. J.; Xu, D.; Augusteijn, T.; Grundahl, F.; Telting, J.; Quirion, P.-O.), The Astrophysical Journal Supplement, 186, 485-496, 2010.

Magnetar Twists: Fermi/Gamma-Ray Burst Monitor Detection of SGR J1550-5418, (Kaneko, Yuki; Göğüş, Ersin; Kouveliotou, Chryssa; Granot, Jonathan; Ramirez-Ruiz, Enrico; van der Horst, Alexander J.; Watts, Anna L.; Finger, Mark H.; Gehrels, Neil; Pe'er, Asaf; and 5 coauthors), *The Astrophysical Journal*, 710, 1335-1342, 2010.

A mildly relativistic radio jet from the otherwise normal type Ic supernova 2007gr, (Paragi, Z.; Taylor, G. B.; Kouveliotou, C.; Granot, J.; Ramirez-Ruiz, E.; Bietenholz, M.; van der Horst, A. J.; Pidopryhora, Y.; van Langevelde, H. J.; Garrett, M. A.; and 4 coauthors), *Nature*, 463, 516-518, 2010.

2009

Low-resolution Spectroscopy of Gamma-ray Burst Optical Afterglows: Biases in the Swift Sample and Characterization of the Absorbers, (Fynbo, J. P. U.; Jakobsson, P.; Prochaska, J. X.; Malesani, D.; Ledoux, C.; de Ugarte Postigo, A.; Nardini, M.; Vreeswijk, P. M.; Wiersema, K.; Hjorth, J.; and 32 coauthors), *The Astrophysical Journal Supplement*, 185, 526-573, 2009.

The Progenitor Mass of the Magnetar SGR1900+14, (Davies, Ben; Figer, Don F.; Kudritzki, Rolf-Peter; Trombley, Christine; Kouveliotou, Chryssa; Wachter, Stefanie), *The Astrophysical Journal*, 707, 844-851, 2009.

Fermi Observations of High-energy Gamma-ray Emission from GRB 080825C, (Abdo, A. A.; Ackermann, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Band, D. L.; Barbiellini, G.; Bastieri, D.; and 171 coauthors), *The Astrophysical Journal*, 707, 580-592, 2009.

A limit on the variation of the speed of light arising from quantum gravity effects, (Abdo, A. A.; Ackermann, M.; Ajello, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Barbiellini, G.; Baring, M. G.; and 199 coauthors), *Nature*, 462, 331-334, 2009.

Multiwavelength observations of the energetic GRB 080810: detailed mapping of the broad-band spectral evolution, (Page, K. L.; Willingale, R.; Bissaldi, E.; Postigo, A. De Ugarte; Holland, S. T.; McBreen, S.; O'Brien, P. T.; Osborne, J. P.; Prochaska, J. X.; Rol, E.; Rykoff, E. S.; Starling, R. L. C.; Tanvir, N. R.; van der Horst, A. J.; Wiersema, K.; Zhang, B.; Aceituno, F. J.; Akerlof, C.; Beardmore, A. P.; Briggs, M. S.; Burrows, D. N.; Castro-Tirado, A. J.; Connaughton, V.; Evans, P. A.; Fynbo, J. P. U.; Gehrels, N.; Guidorzi, C.; Howard, A. W.; Kennea, J. A.; Kouveliotou, C.; Pagani, C.; Preece, R.; Perley, D.; Steele, I. A.; Yuan, F.), *Monthly Notices of the Royal Astronomical Society*, 400, 134-146, 2009.

Fermi Observations of GRB 090902B: A Distinct Spectral Component in the Prompt and Delayed Emission, (Abdo, A. A.; Ackermann, M.; Ajello, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Barbiellini, G.; Baring, M. G.; and 196 coauthors), *The Astrophysical Journal Letters*, 706, 138-144 2009.

The Fermi Gamma-ray Burst Monitor, (Meegan, Charles; Lichti, Giselher; Bhat, P. N.; Bissaldi, Elisabetta; Briggs, Michael S.; Connaughton, Valerie; Diehl, Roland; Fishman, Gerald; Greiner, Jochen; Hoover, Andrew S.; van der Horst, Alexander J.;

von Kienlin, Andreas; Kippen, R. Marc; Kouveliotou, Chryssa; McBreen, Sheila; Paciesas, W. S.; Preece, Robert; Steinle, Helmut; Wallace, Mark S.; Wilson, Robert B.; Wilson-Hodge, Colleen), *The Astrophysical Journal* 702, 791-804, 2009.

Optical Classification of Gamma-Ray Bursts in the Swift Era, (van der Horst, A. J.; Kouveliotou, C.; Gehrels, N.; Rol, E.; Wijers, R. A. M. J.; Cannizzo, J. K.; Racusin, J.; Burrows, D. N.), *The Astrophysical Journal* 699, 1087-1091, 2009.

Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C, (Abdo, A. A.; Ackermann, M.; Arimoto, M.; Asano, K.; Atwood, W. B.; Axelsson, M.; Baldini, L.; Ballet, J.; Band, D. L.; Barbiellini, G.; and 244 coauthors), *Science* 323, 1688, 2009.

Ground-based calibration and characterization of the Fermi gamma-ray burst monitor detectors, (Bissaldi, E.; von Kienlin, A.; Lichti, G.; Steinle, H.; Bhat, P. N.; Briggs, M. S.; Fishman, G. J.; Hoover, A. S.; Kippen, R. M.; Krumrey, M.; Gerlach, M.; Connaughton, V.; Diehl, R.; Greiner, J.; van der Horst, A. J.; Kouveliotou, C.; McBreen, S.; Meegan, C. A.; Paciesas, W. S.; Preece, R. D.; Wilson-Hodge, C. A.), *Experimental Astronomy* 24, 47-88, 2009.

EDGE: Explorer of diffuse emission and gamma-ray burst explosions, (Piro, L.; den Herder, J. W.; Ohashi, T.; Amati, L.; Atteia, J. L.; Barthelmy, S.; Barbera, M.; Barret, D.; Basso, S.; Boer, M.; Borgani, S.; Boyarskiy, O.; Branchini, E.; Branduardi-Raymont, G.; Briggs, M.; Brunetti, G.; Budtz-Jorgensen, C.; Burrows, D.; Campana, S.; Caroli, E.; Chincarini, G.; Christensen, F.; Cocchi, M.; Comastri, A.; Corsi, A.; Cotroneo, V.; Conconi, P.; Colasanti, L.; Cusumano, G.; de Rosa, A.; Del Santo, M.; Ettori, S.; Ezoe, Y.; Ferrari, L.; Feroci, M.; Finger, M.; Fishman, G.; Fujimoto, R.; Galeazzi, M.; Galli, A.; Gatti, F.; Gehrels, N.; Gendre, B.; Ghirlanda, G.; Ghisellini, G.; Giommi, P.; Girardi, M.; Guzzo, L.; Haardt, F.; Hepburn, I.; Hermsen, W.; Hoevers, H.; Holland, A.; in't Zand, J.; Ishisaki, Y.; Kawahara, H.; Kawai, N.; Kaastra, J.; Kippen, M.; de Korte, P. A. J.; Kouveliotou, C.; Kusenko, A.; Labanti, C.; Lieu, R.; Macculi, C.; Makishima, K.; Matt, G.; Mazzotta, P.; McCammon, D.; Méndez, M.; Mineo, T.; Mitchell, S.; Mitsuda, K.; Molendi, S.; Moscardini, L.; Mushotzky, R.; Natalucci, L.; Nicastro, F.; O'Brien, P.; Osborne, J.; Paerels, F.; Page, M.; Paltani, S.; Pareschi, G.; Perinati, E.; Perola, C.; Ponman, T.; Rasmussen, A.; Roncarelli, M.; Rosati, P.; Ruchayskiy, O.; Quadrini, E.; Sakurai, I.; Salvaterra, R.; Sasaki, S.; Sato, G.; Schaye, J.; Schmitt, J.; Sciortino, S.; Shaposhnikov, M.; Shinozaki, K.; Spiga, D.; Suto, Y.; Tagliaferri, G.; Takahashi, T.; Takei, Y.; Tawara, Y.; Tozzi, P.; Tsunemi, H.; Tsuru, T.; Ubertini, P.; Ursino, E.; Viel, M.; Vink, J.; White, N.; Willingale, R.; Wijers, R.; Yoshikawa, K.; Yamasaki, N.), *Experimental Astronomy*, Online First, 23, 67, 2009.

2008

Correlations of Prompt and Afterglow Emission in Swift Long and Short Gamma-Ray Bursts, (Gehrels, N.; Barthelmy, S. D.; Burrows, D. N.; Cannizzo, J. K.; Chincarini, G.; Fenimore, E.; Kouveliotou, C.; O'Brien, P.; Palmer, D. M.; Racusin, J.; Roming, P. W. A.; Sakamoto, T.; Tueller, J.; Wijers, R. A. M. J.; Zhang, B.), *The Astrophysical Journal* 689, 1161-1172, 2008.

How fast can you blink? (Kouveliotou, Chryssa), Nature 455, 477-478, 2008.

An infrared ring around the magnetar SGR1900+14, (Wachter, S.; Ramirez-Ruiz, E.; Dwarkadas, V. V.; Kouveliotou, C.; Granot, J.; Patel, S. K.; Figer, D.), Nature 453, 626, 2008.

Broadband observations of the naked-eye γ -ray burst GRB080319B, (Racusin, J. L.; Karpov, S. V.; Sokolowski, M.; Granot, J.; Wu, X. F.; Pal'Shin, V.; Covino, S.; van der Horst, A. J.; Oates, S. R.; Schady, P.; Smith, R. J.; Cummings, J.; Starling, R. L. C.; Piotrowski, L. W.; Zhang, B.; Evans, P. A.; Holland, S. T.; Malek, K.; Page, M. T.; Vetere, L.; Margutti, R.; Guidorzi, C.; Kamble, A. P.; Curran, P. A.; Beardmore, A.; Kouveliotou, C.; Mankiewicz, L.; Melandri, A.; O'Brien, P. T.; Page, K. L.; Piran, T.; Tanvir, N. R.; Wrochna, G.; Aptekar, R. L.; Barthelmy, S.; Bartolini, C.; Beskin, G. M.; Bondar, S.; Bremer, M.; Campana, S.; Castro-Tirado, A.; Cucchiara, A.; Cwiok, M.; D'Avanzo, P.; D'Elia, V.; Valle, M. Della; de Ugarte Postigo, A.; Dominik, W.; Falcone, A.; Fiore, F.; Fox, D. B.; Frederiks, D. D.; Fruchter, A. S.; Fugazza, D.; Garrett, M. A.; Gehrels, N.; Golenetskii, S.; Gomboc, A.; Gorosabel, J.; Greco, G.; Guarnieri, A.; Immel, S.; Jelinek, M.; Kasprzowicz, G.; La Parola, V.; Levan, A. J.; Mangano, V.; Mazets, E. P.; Molinari, E.; Moretti, A.; Nawrocki, K.; Oleynik, P. P.; Osborne, J. P.; Pagani, C.; Pandey, S. B.; Paragi, Z.; Perri, M.; Piccioni, A.; Ramirez-Ruiz, E.; Roming, P. W. A.; Steele, I. A.; Strom, R. G.; Testa, V.; Tosti, G.; Ulanov, M. V.; Wiersema, K.; Wijers, R. A. M. J.; Winters, J. M.; Zarnecki, A. F.; Zerbi, F.; Mészáros, P.; Chincarini, G.; Burrows, D. N.), Nature 455, 183, 2008.

Detailed study of the GRB 030329 radio afterglow deep into the non-relativistic phase, (van der Horst, A. J.; Kamble, A.; Resmi, L.; Wijers, R. A. M. J.; Bhattacharya, D.; Scheers, B.; Rol, E.; Strom, R.; Kouveliotou, C.; Oosterloo, T.; Ishwara-Chandra, C. H.), Astronomy and Astrophysics 480, 35-43, 2008.

Gamma-Ray Burst Afterglows as Probes of Environment and Blast Wave Physics. II. The Distribution of p and Structure of the Circumburst Medium, (Starling, R. L. C.; van der Horst, A. J.; Rol, E.; Wijers, R. A. M. J.; Kouveliotou, C.; Wiersema, K.; Curran, P. A.; Weltevrede, P.), The Astrophysical Journal 672, 433-442, 2008.

2007

Constraints on an Optical Afterglow and on Supernova Light following the Short Burst GRB 050813, (P. Ferrero, S. F. Sanchez, D. A. Kann, S. Klose, J. Greiner, J. Gorosabel, D. H. Hartmann, A. A. Henden, P. Miller, E. Palazzi, A. Rau, B. Stecklum, A. J. Castro-Tirado, J. P. U. Fynbo, J. Hjorth, P. Jakobsson, C. Kouveliotou, N. Masetti, E. Pian, N. R. Tanvir, and R. A. M. J. Wijers), The Astronomical Journal 317, 134, 2007.

GRB 051022: Physical Parameters and Extinction of a Prototype Dark Burst, (Rol, Evert; van der Horst, Alexander; Wiersema, Klaas; Patel, Sandeep K.; Levan, Andrew; Nysewander, Melissa; Kouveliotou, Chryssa; Wijers, Ralph A. M. J.; Tanvir, Nial; Reichart, Dan; Fruchter, Andrew S.; Graham, John; Ovaldsen, Jan-Erik; Jaunsen, Andreas O.; Jonker, Peter; van Ham, Wilbert; Hjorth, Jens; Starling, Rhaana L. C.; O'Brien, Paul T.; Fynbo, Johan; Burrows, David N.; Strom, Richard), The Astrophysical Journal 669, 1098-1106, 2007.

Detection of GRB 060927 at z = 5.47: Implications for the Use of Gamma-Ray Bursts

as Probes of the End of the Dark Ages, (Ruiz-Velasco, A. E.; Swan, H.; Troja, E.; Malesani, D.; Fynbo, J. P. U.; Starling, R. L. C.; Xu, D.; Aharonian, F.; Akerlof, C.; Andersen, M. I.; Ashley, M. C. B.; Barthelmy, S. D.; Bersier, D.; Castro Cerón, J. M.; Castro-Tirado, A. J.; Gehrels, N.; Göğüş, E.; Gorosabel, J.; Guidorzi, C.; Güver, T.; Hjorth, J.; Horns, D.; Huang, K. Y.; Jakobsson, P.; Jensen, B. L.; Kızıloğlu, Ü.; Kouveliotou, C.; Krimm, H. A.; Ledoux, C.; Levan, A. J.; Marsh, T.; McKay, T.; Melandri, A.; Milvang-Jensen, B.; Mundell, C. G.; O'Brien, P. T.; Özel, M.; Phillips, A.; Quimby, R.; Rowell, G.; Rujopakarn, W.; Rykoff, E. S.; Schaefer, B. E.; Sollerman, J.; Tanvir, N. R.; Thöne, C. C.; Urata, Y.; Vestrand, W. T.; Vreeswijk, P. M.; Watson, D.; Wheeler, J. C.; Wijers, R. A. M. J.; Wren, J.; Yost, S. A.; Yuan, F.; Zhai, M.; Zheng, W. K.), *The Astrophysical Journal* 669, 1-9, 2007.

The Magnetar Nature and the Outburst Mechanism of a Transient Anomalous X-Ray Pulsar, (Güver, Tolga; Özel, Feryal; Göğüş, Ersin; Kouveliotou, Chryssa), *The Astrophysical Journal* 667, L73-L76, 2007.

A case of mistaken identity? GRB060912A and the nature of the long-short GRB divide, (Levan, A. J.; Jakobsson, P.; Hurkett, C.; Tanvir, N. R.; Gorosabel, J.; Vreeswijk, P.; Rol, E.; Chapman, R.; Gehrels, N.; O'Brien, P. T.; Osborne, J. P.; Priddey, R. S.; Kouveliotou, C.; Starling, R.; vanden Berk, D.; Wiersema, K.), *Monthly Notices of the Royal Astronomical Society* 378, 1439-1446, 2007.

Gamma-Ray Burst Afterglows as Probes of Environment and Blast Wave Physics. I. Absorption by Host-Galaxy Gas and Dust, (Starling, R. L. C.; Wijers, R. A. M. J.; Wiersema, K.; Rol, E.; Curran, P. A.; Kouveliotou, C.; van der Horst, A. J.; Heemskerk, M. H. M.), *The Astrophysical Journal* 661, 787-800, 2007.

GRB 030329: 3 years of radio afterglow monitoring, (van der Horst, A. J.; Kamble, A.; Wijers, R. A. M. J.; Resmi, L.; Bhattacharya, D.; Rol, E.; Strom, R.; Kouveliotou, C.; Oosterloo, T.; Ishwara-Chandra, C. H.), *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences* 365, 1241-1246, 2007.

Spitzer space telescope observations of SGR and AXP environments, (Wachter, Stefanie; Kouveliotou, Chryssa; Patel, Sandeep; Finger, Don; Woods, Peter), *Astrophysics and Space Science* 308, 67-71, 2007.

Search for Polarization from the Prompt Gamma-Ray Emission of GRB 041219a with SPI on INTEGRAL, (Kalemci, E.; Boggs, S. E.; Kouveliotou, C.; Finger, M.; Baring, M. G.), *The Astrophysical Journal Supplement Series* 169, 75-82, 2008.

A Chandra Search for Coronal X-Rays from the Cool White Dwarf GD 356, (Weisskopf, M.), *The Astrophysical Journal* 657, 1026, 2007.

A Possible Magnetar Nature for IGR J16358-4726, (Patel, S. K.; Zurita, J.; Del Santo, M.; Finger, M.; Kouveliotou, C.; Eichler, D.; Göğüş, E.; Ubertini, P.; Walter, R.; Woods, P.; Wilson, C. A.; Wachter, S.; Bazzano, A.), *The Astrophysical Journal* 657, 994-1003, 2007.

The Prelude to and Aftermath of the Giant Flare of 2004 December 27: Persistent and Pulsed X-Ray Properties of SGR 1806-20 from 1993 to 2005, (Woods, Peter M.; Kouveliotou, Chryssa; Finger, Mark H.; Göğüş, Ersin; Wilson, Colleen A.; Patel, Sandeep K.; Hurley, Kevin; Swank, Jean H.), *The Astrophysical Journal* 654, 470, 2007.

Prompt and Afterglow Emission Properties of Gamma-Ray Bursts with Spectroscopically Identified Supernovae, (Kaneko, Yuki; Ramirez-Ruiz, Enrico; Granot, Jonathan; Kouveliotou, Chryssa; Woosley, Stan E.; Patel, Sandeep K.; Rol, Evert; Zand, Jean J. M. in't.; van der Horst, Alexander J.; Wijers, Ralph A. M. J.; Strom, Richard), *The Astrophysical Journal* 654, 385, 2007.

3-D Rpic Simulations of Relativistic Jets: Particle Acceleration, Magnetic Field Generation, and Emission, (Nishikawa, K.-I.; Hededal, C. B.; Hardee, P. E.; Fishman, G. J.; Kouveliotou, C.; Mizuno, Y.), *Astrophysics and Space Science* 307, 654, 2007.

2006

A new γ -ray burst classification scheme from GRB060614, (Gehrels, N.; Norris, J. P.; Barthelmy, S. D.; Granot, J.; Kaneko, Y.; Kouveliotou, C.; Markwardt, C. B.; Mészáros, P.; Nakar, E.; Nousek, J. A.; O'Brien, P. T.; Page, M.; Palmer, D. M.; Parsons, A. M.; Roming, P. W. A.; Sakamoto, T.; Sarazin, C. L.; Schady, P.; Stamatikos, M.; Woosley, S. E.), *Nature* 444, 1044-1046, 2006.

Measurements of Gamma-Ray Bursts with GLAST, (Steinle, Helmut; Bhat, N. P.; Briggs, M. S.; Connaughton, V.; Diehl, R.; Fishman, G. J.; Greiner, J.; Kippen, R. M.; Von Kienlin, A.; Kouveliotou, C.; Lichti, G. G.; Meegan, C. A.; Paciesas, W. S.; Preece, R. D.; Wilson, R. B.), *Chinese Journal of Astronomy and Astrophysics*, Supplement, Volume 6, Issue S1, 365-368, 2006.

Jet Breaks in Short Gamma-Ray Bursts. II. The Collimated Afterglow of GRB 051221A, (Burrows, David N.; Grupe, Dirk; Capalbi, Milvia; Panaitescu, Alin; Patel, Sandeep K.; Kouveliotou, Chryssa; Zhang, Bing; Mészáros, Peter; Chincarini, Guido; Gehrels, Neil; Wijers, Ralph A. M.), *The Astrophysical Journal* 653, 468-473, 2006.

Jet Breaks in Short Gamma-Ray Bursts. I. The Uncollimated Afterglow of GRB 050724, (Grupe, Dirk; Burrows, David N.; Patel, Sandeep K.; Kouveliotou, Chryssa; Zhang, Bing; Mészáros, Peter; Wijers, Ralph A. M.; Gehrels, Neil), *The Astrophysical Journal* 653, 462, 2006.

An optical supernova associated with the X-ray flash XRF 060218, (Pian, E.; Mazzali, P. A.; Masetti, N.; Ferrero, P.; Klose, S.; Palazzi, E.; Ramirez-Ruiz, E.; Woosley, S. E.; Kouveliotou, C.; Deng, J.; Filippenko, A. V.; Foley, R. J.; Fynbo, J. P. U.; Kann, D. A.; Li, W.; Hjorth, J.; Nomoto, K.; Patat, F.; Sauer, D. N.; Sollerman, J.; Vreeswijk, P. M.; Guenther, E. W.; Levan, A.; O'Brien, P.; Tanvir, N. R.; Wijers, R. A. M. J.; Dumas, C.; Hainaut, O.; Wong, D. S.; Baade, D.; Wang, L.; Amati, L.; Cappellaro, E.; Castro-Tirado, A. J.; Ellison, S.; Frontera, F.; Fruchter, A. S.; Greiner, J.; Kawabata, K.; Ledoux, C.; Maeda, K.; Møller, P.; Nicastro, L.; Rol, E.; Starling, R.), *Nature* 442, 1011-1013, 2006.

Infrared and Optical Observations of GRB 030115 and its Extremely Red Host Galaxy: Implications for Dark Bursts, (Levan, Andrew; Fruchter, Andrew; Rhoads, James; Mobasher, Bahram; Tanvir, Nial; Gorosabel, Javier; Rol, Evert; Kouveliotou, Chryssa; Dell'Antonio, Ian; Merrill, Michael; Bergeron, Eddie; Castro Cerón, José María; Masetti, Nicola; Vreeswijk, Paul; Antonelli, Angelo; Bersier, David; Castro-

Tirado, Alberto; Fynbo, Johan; Garnavich, Peter; Holland, Stephen; Hjorth, Jens; Nugent, Peter; Pian, Elena; Smette, Alain; Thomsen, Bjarne; Thorsett, Stephen E.; Wijers, Ralph), *The Astrophysical Journal* 647, 471-482, 2006.

Physics of the GRB 030328 afterglow and its environment, (Maiorano, E.; Masetti, N.; Palazzi, E.; Savaglio, S.; Rol, E.; Vreeswijk, P. M.; Pian, E.; Price, P. A.; Peterson, B. A.; Jelínek, M.; Amati, L.; Andersen, M. I.; Castro-Tirado, A. J.; Castro Cerón, J. M.; de Ugarte Postigo, A.; Frontera, F.; Fruchter, A. S.; Fynbo, J. P. U.; Gorosabel, J.; Henden, A. A.; Hjorth, J.; Jensen, B. L.; Klose, S.; Kouveliotou, C.; Masi, G.; Møller, P.; Nicastro, L.; Ofek, E. O.; Pandey, S. B.; Rhoads, J.; Tanvir, N. R.; Wijers, R. A. M. J.; van den Heuvel, E. P. J.), *A&A* 455, 423-431, 2006.

Millimetric properties of gamma-ray burst host galaxies, (Priddey, R. S.; Tanvir, N. R.; Levan, A. J.; Fruchter, A. S.; Kouveliotou, C.; Smith, I. A.; Wijers, R. A. M. J.), *MNRAS* 369, 1189, 2006.

Probing cosmic chemical evolution with gamma-ray bursts: GRB 060206 at $z = 4.048$, (Fynbo, J. P. U.; Starling, R. L. C.; Ledoux, C.; Wiersema, K.; Thöne, C. C.; Sollerman, J.; Jakobsson, P.; Hjorth, J.; Watson, D.; Vreeswijk, P. M.; Møller, P.; Rol, E.; Gorosabel, J.; Näränen, J.; Wijers, R. A. M. J.; Björnsson, G.; Castro Cerón, J. M.; Curran, P.; Hartmann, D. H.; Holland, S. T.; Jensen, B. L.; Levan, A. J.; Limousin, M.; Kouveliotou, C.; Nelemans, G.; Pedersen, K.; Priddey, R. S.; Tanvir, N. R.), *A&A* 451, L47-L50, 2006.

Long gamma-ray bursts and core-collapse supernovae have different environments, (Fruchter, A. S.; Levan, A. J.; Strolger, L.; Vreeswijk, P. M.; Thorsett, S. E.; Bersier, D.; Burud, I.; Castro Cerón, J. M.; Castro-Tirado, A. J.; Conselice, C.; Dahlen, T.; Ferguson, H. C.; Fynbo, J. P. U.; Garnavich, P. M.; Gibbons, R. A.; Gorosabel, J.; Gull, T. R.; Hjorth, J.; Holland, S. T.; Kouveliotou, C.; Levay, Z.; Livio, M.; Metzger, M. R.; Nugent, P. E.; Petro, L.; Pian, E.; Rhoads, J. E.; Riess, A. G.; Sahu, K. C.; Smette, A.; Tanvir, N. R.; Wijers, R. A. M. J.; Woosley, S. E.), *Nature* 441, 463-468, 2006.

Evidence for a Canonical Gamma-Ray Burst Afterglow Light Curve in the Swift XRT Data, (Nousek, J. A.; Kouveliotou, C.; Grupe, D.; Page, K. L.; Granot, J.; Ramirez-Ruiz, E.; Patel, S. K.; Burrows, D. N.; Mangano, V.; Barthelmy, S.; Beardmore, A. P.; Campana, S.; Capalbi, M.; Chincarini, G.; Cusumano, G.; Falcone, A. D.; Gehrels, N.; Giommi, P.; Goad, M. R.; Godet, O.; Hurkett, C. P.; Kennea, J. A.; Moretti, A.; O'Brien, P. T.; Osborne, J. P.; Romano, P.; Tagliaferri, G.; Wells, A. A.), *The Astrophysical Journal* 642, 389-400, 2006.

A photometric redshift of $z = 6.39 \pm 0.12$ for GRB 050904, (Haislip, J. B.; Nysewander, M. C.; Reichart, D. E.; Levan, A.; Tanvir, N.; Cenko, S. B.; Fox, D. B.; Price, P. A.; Castro-Tirado, A. J.; Gorosabel, J.; Evans, C. R.; Figueredo, E.; MacLeod, C. L.; Kirschbrown, J. R.; Jelinek, M.; Guziy, S.; Postigo, A. De Ugarte; Cypriano, E. S.; Lacluyze, A.; Graham, J.; Priddey, R.; Chapman, R.; Rhoads, J.; Fruchter, A. S.; Lamb, D. Q.; Kouveliotou, C.; Wijers, R. A. M. J.; Bayliss, M. B.; Schmidt, B. P.; Soderberg, A. M.; Kulkarni, S. R.; Harrison, F. A.; Moon, D. S.; Gal-Yam, A.; Kasliwal, M. M.; Hudec, R.; Vitek, S.; Kubanek, P.; Crain, J. A.; Foster, A. C.; Clemens, J. C.; Bartelme, J. W.; Canterna, R.; Hartmann, D. H.; Henden, A. A.; Klose, S.; Park, H.-S.; Williams, G. G.; Rol, E.; O'Brien, P.; Bersier, D.; Prada, F.;

Pizarro, S.; Maturana, D.; Ugarte, P.; Alvarez, A.; Fernandez, A. J. M.; Jarvis, M. J.; Moles, M.; Alfaro, E.; Ivarsen, K. M.; Kumar, N. D.; Mack, C. E.; Zdarowicz, C. M.; Gehrels, N.; Barthelmy, S.; Burrows, D. N.), Nature 440, 181-183, 2006.

Low-resolution VLT spectroscopy of GRBs 991216, 011211 and 021211, (Vreeswijk, P. M.; Smette, A.; Fruchter, A. S.; Palazzi, E.; Rol, E.; Wijers, R. A. M. J.; Kouveliotou, C.; Kaper, L.; Pian, E.; Masetti, N.; Frontera, F.; Hjorth, J.; Gorosabel, J.; Piro, L.; Fynbo, J. P. U.; Jakobsson, P.; Watson, D.; O'Brien, P. T.; Ledoux, C.), A&A 447, 145-156, 2006.

Two years of INTEGRAL monitoring of the soft gamma-ray repeater SGR 1806-20: from quiescence to frenzy, (Götz, D.; Mereghetti, S.; Molkov, S.; Hurley, K.; Mirabel, I. F.; Sunyaev, R.; Weidenspointner, G.; Brandt, S.; del Santo, M.; Feroci, M.; Göğüs, E.; von Kienlin, A.; van der Klis, M.; Kouveliotou, C.; Lund, N.; Pizzichini, G.; Ubertini, P.; Winkler, C.; Woods, P. M.), A&A 445, 313, 2006.

Diagnosing the outflow from the SGR 1806-20 giant flare with radio observations, (J. Granot, E. Ramirez-Ruiz, G. B. Taylor, D. Eichler, Y. E. Lyubarsky, R. A. M. J. Wijers, B. M. Gaensler, J. D. Gelfand, C. Kouveliotou), The Astrophysical Journal 638, 391, 2006.

Structure in the radio counterpart to the 2004 Dec 27 giant flare from SGR 1806-20, (R.P. Fender, T.W.B. Muxlow, M.A. Garrett, C. Kouveliotou, B.M. Gaensler, S.T. Garrington, Z. Paragi, V. Tudose, J.C.A. Miller-Jones, R.E. Spencer), MNRAS, 367, L6, 2006.

Evidence for a supernova associated with the X-ray flash 020903, (Bersier, D.; Fruchter, A. S.; Strolger, L.-G.; Gorosabel, J.; Levan, A.; Burud, I.; Rhoads, J. E.; Becker, A. C.; Cassan, A.; Chornock, R.; Covino, S.; de Jong, R. S.; Dominis, D.; Filippenko, A. V.; Hjorth, J.; Holmberg, J.; Malesani, D.; Mobasher, B.; Olsen, K. A. G.; Stefanon, M.; Castro Cerón, J. M.; Fynbo, J. P. U.; Holland, S. T.; Kouveliotou, C.; Pedersen, H.; Tanvir, N. R.; Woosley, S. E.), Astrophysical Journal 643, 284, 2006.

Erratum: “Chandra Localization of XTE J1906+090 and Discovery of its Optical and Infrared Counterparts, (Gogus, E., Patel, S., Wilson, C., Woods, P., Finger, M., Kouveliotou, C.)”, Astrophysical Journal 637, 553, 2006.

2005

Gamma-Ray Burst-Selected High-Redshift Galaxies: Comparison to Field Galaxy Populations to $z \sim 3$, (Conselice, C. J.; Vreeswijk, P. M.; Fruchter, A. S.; Levan, A.; Kouveliotou, C.; Fynbo, J. P. U.; Gorosabel, J.; Tanvir, N. R.; Thorsett, S. E.), The Astrophysical Journal 633, 29, 2005.

An Off-Axis Model of GRB 031203, (Ramirez-Ruiz, Enrico; Granot, Jonathan; Kouveliotou, Chryssa; Woosley, S. E.; Patel, Sandy K.; Mazzali, Paolo A.), The Astrophysical Journal 625, L91, 2005.

The broad-band spectrum of the persistent emission from SGR 1806-20, (Molkov, S.; Hurley, K.; Sunyaev, R.; Shtykovsky, P.; Revnivtsev, M.; Kouveliotou, C.), A&A 433, L13, 2005.

The Interplanetary Network Supplement to the BATSE Catalogs of Untriggered Cosmic Gamma-Ray Bursts, (Hurley, K.; Stern, B.; Kommers, J.; Cline, T.; Mazets, E.; Golenetskii, S.; Trombka, J.; McClanahan, T.; Goldsten, J.; Feroci, M.; Frontera, F.; Guidorzi, C.; Montanari, E.; Lewin, W.; Meegan, C.; Fishman, G.; Kouveliotou, C.; Sinha, S.; Seetha, S.), The Astrophysical Journal Supplement Series 156, 217-226, 2005.

A giant gamma-ray flare from the magnetar SGR 1806 – 20, (Palmer, D. M.; Barthelmy, S.; Gehrels, N.; Kippen, R. M.; Cayton, T.; Kouveliotou, C.; Eichler, D.; Wijers, R. A. M. J.; Woods, P. M.; Granot, J.; Lyubarsky, Y. E.; Ramirez-Ruiz, E.; Barbier, L.; Chester, M.; Cummings, J.; Fenimore, E. E.; Finger, M. H.; Gaensler, B. M.; Hullinger, D.; Krimm, H.; Markwardt, C. B.; Nousek, J. A.; Parsons, A.; Patel, S.; Sakamoto, T.; Sato, G.; Suzuki, M.; Tueller, J.), Nature 434, 1107-1109, 2005.

An expanding radio nebula produced by a giant flare from the magnetar SGR 1806-20, (Gaensler, B. M.; Kouveliotou, C.; Gelfand, J. D.; Taylor, G. B.; Eichler, D.; Wijers, R. A. M. J.; Granot, J.; Ramirez-Ruiz, E.; Lyubarsky, Y. E.; Hunstead, R. W.; Campbell-Wilson, D.; van der Horst, A. J.; McLaughlin, M. A.; Fender, R. P.; Garrett, M. A.; Newton-McGee, K. J.; Palmer, D. M.; Gehrels, N.; Woods, P. M.), Nature 434, 1104-1106, 2005.

The interplanetary network supplements to the BATSE 5B and untriggered burst catalogs, (Hurley, K.; Briggs, M.; Kippen, R. M.; Kouveliotou, C.; Fishman, C. Meegan G.; Cline, T.; Trombka, J.; McClanahan, T.; Stern, M. Boer B.; Kommers, J.; Mazets, E.; Golenetskii, S.; Feroci, J. Goldsten M.; Frontera, F.; Guidorzi, C.; Montanari, E.; Sinha, W. Lewin S.; Seetha, S.), Il Nuovo Cimento C, 28, Issue 3, 299, 2005.

GRB 020410: A Gamma-Ray Burst Afterglow Discovered by Its Supernova Light, (Levan, Andrew; Nugent, Peter; Fruchter, Andrew; Burud, Ingunn; Branch, David; Rhoads, James; Castro-Tirado, Alberto; Gorosabel, Javier; Castro Cerón, José María; Thorsett, Stephen E.; Kouveliotou, Chryssa; Golenetskii, Sergey; Fynbo, Johan; Garnavich, Peter; Holland, Stephen; Hjorth, Jens; Møller, Palle; Pian, Elena; Tanvir, Nial; Ulanov, Mihail; Wijers, Ralph; Woosley, Stan), The Astrophysical Journal 624, 880-888, 2005.

Gas and dust properties in the afterglow spectra of GRB 050730, (Starling, R. L. C.; Vreeswijk, P. M.; Ellison, S. L.; Rol, E.; Wiersema, K.; Levan, A. J.; Tanvir, N. R.; Wijers, R. A. M. J.; Tadhunter, C.; Zaurin, J. R.; Gonzalez Delgado, R. M.; Kouveliotou, C.), Astronomy and Astrophysics, 442, Issue 2, L21-L24, 2005.

SCUBA sub-millimeter observations of gamma-ray bursts. IV. GRB 021004, 021211, 030115, 030226, 041006, (Smith, I. A.; Tilanus, R. P. J.; Tanvir, N.; Barnard, V. E.; Moriarty-Schieven, G. H.; Frail, D. A.; Wijers, R. A. M. J.; Vreeswijk, P.; Rol, E.; Kouveliotou, C.), A&A 439, 987 2005.

SCUBA sub-millimeter observations of gamma-ray bursts. III. GRB 030329: the brightest sub-millimeter afterglow to date, (Smith, I. A.; Tilanus, R. P. J.; Tanvir, N.; Wijers, R. A. M. J.; Vreeswijk, P.; Rol, E.; Kouveliotou, C.), A&A 439, 981, 2005.

The GLAST burst monitor instrument response simulation system, (Hoover, A. S.; Kippen, R. M.; Meegan, C. A.; Fishman, G. J.; Wilson, R. B.; Wilson-Hodge, C. A.; Kouveliotou, C.; Lichti, G. G.; von Kienlin, A.; Diehl, R.; Greiner, J.; Schoenfelder, V.; Steinle, H.; Preece, R. D.; Briggs, M. S.; Paciesas, W. S.; Bhat, P. N.; Connaughton, V.), Il Nuovo Cimento C 28, Issue 4, 797, 2005.

A short gamma-ray burst apparently associated with an elliptical galaxy at redshift $z = 0.225$, (Gehrels, N.; Sarazin, C. L.; O'Brien, P. T.; Zhang, B.; Barbier, L.; Barthelmy, S. D.; Blustin, A.; Burrows, D. N.; Cannizzo, J.; Cummings, J. R.; Goad, M.; Holland, S. T.; Hurkett, C. P.; Kennea, J. A.; Levan, A.; Markwardt, C. B.; Mason, K. O.; Meszaros, P.; Page, M.; Palmer, D. M.; Rol, E.; Sakamoto, T.; Willingale, R.; Angelini, L.; Beardmore, A.; Boyd, P. T.; Breeveld, A.; Campana, S.; Chester, M. M.; Chincarini, G.; Cominsky, L. R.; Cusumano, G.; de Pasquale, M.; Fenimore, E. E.; Giommi, P.; Gronwall, C.; Grupe, D.; Hill, J. E.; Hinshaw, D.; Hjorth, J.; Hullinger, D.; Hurley, K. C.; Klose, S.; Kobayashi, S.; Kouveliotou, C.; Krimm, H. A.; Mangano, V.; Marshall, F. E.; McGowan, K.; Moretti, A.; Mushotzky, R. F.; Nakazawa, K.; Norris, J. P.; Nousek, J. A.; Osborne, J. P.; Page, K.; Parsons, A. M.; Patel, S.; Perri, M.; Poole, T.; Romano, P.; Roming, P. W. A.; Rosen, S.; Sato, G.; Schady, P.; Smale, A. P.; Sollerman, J.; Starling, R.; Still, M.; Suzuki, M.; Tagliaferri, G.; Takahashi, T.; Tashiro, M.; Tueller, J.; Wells, A. A.; White, N. E.; Wijers, R. A. M. J.), Nature 437, 851-854, 2005.

Discovery of an Afterglow Extension of the Prompt Phase of Two Gamma Ray Bursts Observed by Swift, (S. D. Barthelmy, J. K. Cannizzo, N. Gehrels, G. Cusumano, V. Mangano, P. T. O'Brien, S. Vaughan, B. Zhang , D. N. Burrows, S. Campana, G. Chincarini, M. R. Goad, C. Kouveliotou, P. Kumar, P. Meszaros, J. A. Nousek, J. P. Osborne, A. Panaitescu, J. N. Reeves, T. Sakamoto, G. Tagliaferri, R. A. M. J. Wijers), APJ 635, L133, 2005.

X-ray bursts from the transient magnetar candidate XTE J1810-197, (P. Woods, C. Kouveliotou, F. Gavriil, V. Kaspi, M. Roberts, A. Ibrahim, C. Markwardt, J. Swank, M. Finger), The Astrophysical Journal, 629, 985-997, 2005.

The optical afterglow of the short γ -ray burst GRB 050709, (J. Hjorth, D. Watson, J. P. U. Fynbo, P. A. Price, B.L. Jensen, U. G. Jørgensen, D. Kubas, J. Gorosabel, P. Jakobsson, J. Sollerman, C. Kouveliotou), Nature 437, 859, 2005.

An origin for short gamma-ray bursts unassociated with current star formation, (S.D. Barthelmy, G. Chincarini², D.N. Burrows, N. Gehrels, S. Covino, A. Moretti, P.

Romano, P.T. O'Brien, C.L. Sarazin, C. Kouveliotou, M. Goad, S. Vaughan, G. Tagliaferri, B. Zhang, A. Antonelli, S. Campana, P. D'Avanzo, M. Davies, P. Giommi, Y. Kaneko, J.A. Kennea, A. King, S. Kobayashi, , A. Melandri, P. Meszaros, J.A. Nousek, S. Patel, T. Sakamoto & R.A.M.J. Wijers), Nature 438, 994, 2005.

Late-epoch optical and near-infrared observations of the GRB 000911 afterglow and its host galaxy, (N. Masetti, E. Palazzi, E. Pian, L. Hunt, J. P. U. Fynbo, J. Gorosabel, S. Klose, S. Benetti, R. Falomo, A. Zeh, L. Amati, M. I. Andersen, A. J. Castro-Tirado, J. M. Castro Cerón, J. Danziger, F. Frontera, A. S. Fruchter, J. Greiner, J. Hjorth, B. L. Jensen, L. Kaper, C. Kouveliotou, A. Levan, A. Magazzù, P. Møller, L. Nicastro, H. Pedersen, N. R. Tanvir, P. M. Vreeswijk, R. A. M. J. Wijers and E. P. J. van den Heuvel), Astronomy & Astrophysics, 438, 841-853, 2005.

The Radio Afterglow of GRB 030329 at Centimeter Wavelengths: Evidence for a Structured Jet or Non-Relativistic Expansion, (A. J. van der Horst, E. Rol, R. A. M. J. Wijers, R. Strom, L. Kaper, and C. Kouveliotou), Astrophysical Journal 634, 1166, 2005.

A Re-brightening of the Radio Nebula associated with the 2004 Dec. 27 flare from SGR 1806-20, (Gelfand, J., Lyubarsky, Y., Eichler, D., Gaensler, B., Taylor, G., Granot, J., Newton-McGee, K., Ramirez-Ruiz, E., Kouveliotou, C., Wijers, R.), Astrophysical Journal 634, L89, 2005.

The Growth, Polarization, and Motion of the Radio Afterglow from the Giant Flare from SGR 1806-20, (Taylor, G. B.; Gelfand, J. D.; Gaensler, B. M.; Granot, J.; Kouveliotou, C.; Fender, R. P.; Ramirez-Ruiz, E.; Eichler, D.; Lyubarsky, Y. E.; Garrett, M.; Wijers, R. A. M. J.), Astrophysical Journal 634, L93, 2005.

A deep search with the Hubble Space Telescope for late-time supernova signatures in the hosts of XRF 011030 and XRF 020427, (A. Levan, S. Patel, C. Kouveliotou, A. Fruchter, J. Rhoads, E. Rol, E. Ramirez-Ruiz, J. Gorosabel, J. Hjorth, R. Wijers, W. Wood-Vasey, D. Bersier, A. Castro-Tirado, J. Fynbo, B. Jensen, E. Pian, N. Tanvir, S. Thorsett, S. Woosley), Astrophysical Journal, 622, 977-985, 2005.

Chandra Localization of XTE J1906+090 and Discovery of its Optical and Infrared Counterparts, (Gogus, E., Patel, S., Wilson, C., Woods, P., Finger, M., Kouveliotou, C.), Astrophysical Journal 632, 1069, 2005.

GRB 050509B: Constraints on short gamma-ray burst models, (J. Hjorth, J. Sollerman, J. Gorosabel, J. Granot, S. Klose, C. Kouveliotou, J. Melinder, E. Ramirez-Ruiz, R. Starling, B. Thomsen, M. I. Andersen, J. P. U. Fynbo, B. L. Jensen, P. M. Vreeswijk, J. M. Castro Ceron, P. Jakobsson, A. Levan, K. Pedersen, J. E. Rhoads, N. R. Tanvir, D. Watson, R. A. M. J. Wijers), Astrophysical Journal 630, L117, 2005.

On the Afterglow and Host Galaxy of GRB 021004: A Comprehensive Study with the Hubble Space Telescope, (J. P. U. Fynbo, J. Gorosabel, A. Smette, A. Fruchter, J. Hjorth, K. Pedersen, A. Levan, I. Burud, K. Sahu, P. M. Vreeswijk, E. Bergeron, C.

Kouveliotou, N. Tanvir, S. E. Thorsett, R. A. M. J. Wijers, J. M. Castro Ceron, A. Castro-Tirado, P. Garnavich, S. T. Holland, P. Jakobsson, P. Moller, P. Nugent, E. Pian, J. Rhoads, B. Thomsen, D. Watson, S. Woosley), *Astrophysical Journal* 633, 317, 2005.

How special are dark Gamma-Ray Bursts: A diagnostic tool, (E. Rol, R. Wijers, C. Kouveliotou, L. Kaper, Y. Kaneko), *Astrophysical Journal*, 624, 868-879, 2005.

2004

Discovery of the near-IR afterglow and of the host of GRB 030528, (Rau, A.; Greiner, J.; Klose, S.; Salvato, M.; Castro Cerón, J. M.; Hartmann, D. H.; Fruchter, A.; Levan, A.; Tanvir, N. R.; Gorosabel, J.; Hjorth, J.; Zeh, A.; Küpcü Yoldas, A.; Beaulieu, J. P.; Donatowicz, J.; Vinter, C.; Castro-Tirado, A. J.; Fynbo, J. P. U.; Kann, D. A.; Kouveliotou, C.; Masetti, N.; Möller, P.; Palazzi, E.; Pian, E.; Rhoads, J.; Wijers, R. A. M. J.; van den Heuvel, E. P. J.), *Astronomy and Astrophysics*, 427, 815-823, 2004.

The line-of-sight towards GRB 030429 at $z = 2.66$: Probing the matter at stellar, galactic and intergalactic scales, (Jakobsson, P.; Hjorth, J.; Fynbo, J. P. U.; Weidinger, M.; Gorosabel, J.; Ledoux, C.; Watson, D.; Björnsson, G.; Gudmundsson, E. H.; Wijers, R. A. M. J.; Möller, P.; Pedersen, K.; Sollerman, J.; Henden, A. A.; Jensen, B. L.; Gilmore, A.; Kilmartin, P.; Levan, A.; Castro Cerón, J. M.; Castro-Tirado, A. J.; Fruchter, A.; Kouveliotou, C.; Masetti, N.; Tanvir, N.), *Astronomy and Astrophysics*, 427, 785, 2004.

Massive star-formation rates of gamma-ray burst host galaxies: an unobscured view in X-rays, (D. Watson, J. Hjorth, P. Jacobson, K. Pedersen, S. Patel, C. Kouveliotou), *Astronomy and Astrophysics*, 425, L33-L36, 2004.

Chandra Observations of the X-Ray Environs of SN 1998bw/GRB 980425, (Kouveliotou, C.; Woosley, S. E.; Patel, S. K.; Levan, A.; Blandford, R.; Ramirez-Ruiz, E.; Wijers, R. A. M. J.; Weisskopf, M. C.; Tennant, A.; Pian, E.; Giommi, P.), *Astrophysical Journal*, 608, 872-882, 2004.

A near-IR survey of the N49 region around the Soft Gamma Repeater 0526-66, (S. Klose, A. Henden, U. Geppert, J. Greiner, H. Guetter, D. Hartmann, C. Kouveliotou, C. Luginbuhl, B. Stecklum, F. Vrba), *Astrophysical Journal Letters*, 609, L13-L16, 2004.

Discovery of a Transient Magnetar: XTE J1810-197, (Ibrahim, Alaa I.; Markwardt, Craig B.; Swank, Jean H.; Ransom, Scott; Roberts, Mallory; Kaspi, Victoria; Woods, Peter M.; Safi-Harb, Samar; Balman, Solen; Parke, William C.; Kouveliotou, Chryssa; Hurley, Kevin; Cline, Thomas), *The Astrophysical Journal Letters*, 609, L21, 2004.

Precise localization of the Soft Gamma Repeater SGR 1627-41 and the Anomalous X-ray Pulsar AX J1841-045 with Chandra, (S. Wachter, S. Patel, C. Kouveliotou, P.

Bouchet, F. Ozel, A. Tennant, P. Woods, K. Hurley, W. Becker, P. Slane), *Astrophysical Journal*, 615, 887-896, 2004.

The Peculiar X-ray Transient, IGR 16358-4726, (S. K. Patel, C. Kouveliotou, A. Tennant, P. M. Woods, A. King, P. Ubertini, C. Winkler, T. J-L. Courvoisier, M. van der Klis, S. Wachter, B. M. Gaensler, C. J. Phillips), *Astrophysical Journal Letters* 602, L45-L48, 2004.

Probing a Gamma-Ray Burst Progenitor at a Redshift of $z = 2$: A Comprehensive Observing Campaign of the Afterglow of GRB 030226, (Klose, S., Greiner, J., Rau, A., Henden, A., Hartmann, D., Zeh, A., Masetti, N., Guenther, E., Stecklum, B., Lindsay, K., Andersen, M., Castro Ceron, J., Castro-Tirado, A., Fruchter, A>, Fynbo, J., Gorosabel, J., Hjorth, J., Kaper, L., Kouveliotou, C., Nysewander, M., Palazzi, E., Pian, E., Reichart, D., Rhoads, J., Ries, C., Rol, E., Tanvir, N., Vreeswijk, P., Wijers, R., van den Heuvel, E.), *Astronomical Journal*, 128, 1942, 2004.

Long-term spectral and temporal behavior of the black hole candidate, RXTE J1908+094, (E. Gogus, M. Finger, C. Kouveliotou, P. Woods, S. Patel, M. van der Klis, M. Rupen, J. Swank), *Astrophysical Journal*, 609, 977-987, 2004.

Small-scale variations in the radiating surface of the GRB011211 jet, (P. Jakobsson, J. Hjorth, E. Ramirez-Ruiz, C. Kouveliotou, K. Pedersen, J. Fynbo, J. Gorosabel, D. Watson, B. Jensen, T. Grav, M. Hansen, R. Michelsen, M. Andersen, H. Pedersen), *New Astronomy*, Volume 9, Issue 6, p. 435-442, 2004.

XMM-Newton observations of the field of gamma-ray burst 980425, (Pian, E.; Giommi, P.; Amati, L.; Costa, E.; Danziger, J.; Feroci, M.; Fiocchi, M. T.; Frontera, F.; Kouveliotou, C.; Masetti, N.; Nicastro, L.; Palazzi, E.; Piro, L.; Tavani, M.; in 'T Zand, J. J. M.), *Advances in Space Research* 34 (12), 2711-2714, 2004.

Tracing cosmic star formation with EXIST, (D. Hartmann, J. Grindlay, D. Band, R. Blandford, W. Craig, G. Fishman, N. Gehrels, F. Harrison, J. Hong, C. Kouveliotou, A. Loeb, S. Woosley), *New Astronomy Reviews*, Volume 48, Issue 1-4, p. 237-241, 2004.

The host of GRB 030323 at $z=3.371$: a very high column density DLA with a low metallicity, (P. Vreeswijk, S. Ellison, C. Ledoux, R. Wijers, P. Moller, A. Henden, J. Hjorth, G. Masi, E. Rol, N. Tanvir, A> Levan, J. Fynbo, J. Castro Ceron, J. Gorosabel, A. Castro-Tirado, A> Fruchter, C. Kouveliotou, I. Burud, J. Rhoads, N. Masetti, E. Palazzi, E. Pian, H. Pedersen, M. Andersen, L. Kaper, A. Gilmore, P. Kilmartin, J. Buckle, M. Seigar, E. van den Heuvel), *Astronomy and Astrophysics* 419, 927-940, 2004.

On the Afterglow of the X-Ray Flash of July 23 2003: Photometric Evidence for an Off-Axis Gamma Ray Burst with an Associated Supernova? (J. P. U. Fynbo, J. Sollerman, J. Hjorth, F. Grundahl, J. Gorosabel, M. Weidinger, P. Moeller, B. L. Jensen, P. M. Vreeswijk, C. Fransson, E. Ramirez-Ruiz, P. Jakobsson, S. F. Jorgensen, C. Vinter, M. I. Andersen, J. M. Castro Ceron, A. J. Castro-Tirado, A. S. Fruchter, J. Greiner, C. Kouveliotou, A. Levan, S. Klose, N. Masetti, H. Pedersen, E. Palazzi, E. Pian, J. Rhoads, E. Rol, T. Sekiguchi, N. R. Tanvir, P. Tristram, A. de Ugarte Postigo, R. A. M. J. Wijers, and E. van den Heuvel), *the Astrophysical Journal*. 609, 962, 2004.

GRB 020813: Polarization in the case of a smooth optical decay, (Gorosabel, J.; Rol, E.; Covino, S.; Castro-Tirado, A. J.; Castro Cerón, J. M.; Lazzati, D.; Hjorth, J.; Malesani, D.; Della Valle, M.; di Serego Alighieri, S.; Fiore, F.; Fruchter, A. S.; Fynbo, J. P. U.; Ghisellini, G.; Goldoni, P.; Greiner, J.; Israel, G. L.; Kaper, L.; Kawai, N.; Klose, S.; Kouveliotou, C.; Le Floc'h, E.; Masetti, N.; Mirabel, F.; Möller, P.; Ortolani, S.; Palazzi, E.; Pian, E.; Rhoads, J.; Ricker, G.; Saracco, P.; Stella, L.; Tagliaferri, G.; Tanvir, N.; van den Heuvel, E.; Vietri, M.; Vreeswijk, P. M.; Wijers, R. A. M. J.; Zerbi, F. M.), *Astronomy & Astrophysics*, 422, 113, 2004.

The submm properties of GRB host galaxies, (N. Tanvir, V. Barnard, A. Blain, A. Fruchter, C. Kouveliotou, P. Natarajan, E. Ramirez-Ruiz, E. Rol, I. Smith, R. Tilanus, P. Vreeswijk, R. Wijers), *M.N.R.A.S.*, 352, Issue 3, pp. 1073-1080, 2004.

Pulse profile evolution in SGR 1806-20 and SGR 1900+14, (Gögüs, Ersin; Kouveliotou, Chryssa; Woods, Peter M.; Finger, Mark H.; van der Klis, Michiel), *Nuclear Physics B Proceedings Supplements* 132, 604-607, 2004.

Chandra observations of the peculiar X-ray transient IGR J16358-4726, (Patel, S. K.; Kouveliotou, C.; Tennant, A.; Woods, P. M.; Finger, M.; King, A.; Ubertini, P.; Winkler, C.; Courvoisier, T. J.-L.; van der Klis, M.; Wachter, S.), *Nuclear Physics B Proceedings Supplements* 132, 542-547, 2004.

Measurements of Gamma-Ray Bursts with Glast, (Lichti, G. G.; Briggs, M.; Diehl, R.; Fishman, G.; Greiner, J.; Kippen, R. M.; Kouveliotou, C.; Meegan, C.; Paciesas, W.; Preece, R.; Schönfelder, V.; von Kienlin, A.), *Baltic Astronomy* 13, 311-316, 2004.

2003

Evolution of the polarization of the optical afterglow of the gamma-ray burst GRB030329, (J. Greiner, S. Klose, K. Reinsch, H. M. Schmid, R. Sari, D. Hartmann, C. Kouveliotou, A. Rau, E. Palazzi, C. Straubmeier, B. Stecklum, S. Zharikov, G. Tovmassian, O. Baernbantner, C. Ries, E. Jehin, A. Henden, A. Kaas, T. Grav, J. Hjorth, H. Pedersen, R. Wijers, A. Kaufer, H-S. Park, G. Williams, O. Reimer), *Nature* 426, 157-159, 2003.

The blue host galaxy of the red GRB 000418, (Gorosabel, J., Klose, S., Christensen, L., Fynbo, J., Hjorth, J., Greiner, J., Tanvir, N., Jensen, B., Pedersen, H., Holland, S., Lund, N., Jaunsen, A., Castro Cerón, J., Castro-Tirado, A., Fruchter, A., Pian, E., Vreeswijk, P., Burud, I., Frontera, F., Kaper, L., Kouveliotou, C., Masetti, N., Palazzi, E., Rhoads, J., Rol, E., Salamanca, I., Wijers, R., van den Heuvel, E.), *Astronomy and Astrophysics*, 409, 123-133, 2003.

The 2001 April Burst Activation of SGR 1900 + 14: Pulse properties and Torque, (P. Woods, C. Kouveliotou, E. Gogus, M. Finger, M. Feroci, S. Mereghetti, J. Swank, K. Hurley, J. Heise, J. in't Zand, F. Frontera, L. Guidorzi, D. Smith), *Astrophysical Journal* 596, 464, 2003.

The 2001 April Burst Activation of SGR 1900+14: X-Ray Afterglow Emission, (M. Feroci, S. Mereghetti, P. Woods, C. Kouveliotou, E. Costa, D. Frederiks, S. Golenetskii, K. Hurley, E. Mazets, P. Soffitta, M. Tavani), *Ap J* 596, 470, 2003.

Unraveling the cooling trend of the Soft Gamma Repeater, SGR 1627-41, (C. Kouveliotou, D. Eichler, P. M. Woods, Y. Lyubarsky, S. K. Patel, E. Gogus, M. van der Klis, A. Tennant, S. Wachter), *Astrophysical Journal Letters* 596, L79, 2003.

Chandra Observations of the Anomalous X-ray Pulsar 4U 0142+61, (S. Patel, C. Kouveliotou, P. Woods, A. Tennant, M. Weisskopf, M. Finger, C. Wilson, E. Gogus, M. van der Klis, T. Belloni), *The Astrophysical Journal*, 587, 367-372, 2003.

MS 1603.6+2600: an accretion disk corona source? (P. Jonker, M. van der Klis, C. Kouveliotou, M. Mendez, W. Lewin, T. Belloni), *MNRAS*, Volume 346, Issue 2, 684-688, 2003.

Very high column density and small reddening towards GRB 020124 at z = 3.20, (J. Hjorth, P. Møller, J. Gorosabel, J. P. U. Fynbo, S. Toft, A. O. Jaunsen, A. A. Kaas, T. Pursimo, K. Torii, T. Kato, H. Yamaoka, A. Yoshida, B. Thomsen, M. I. Andersen, I. Burud, J. M. Castro Cerón, A. J. Castro-Tirado, A. S. Fruchter, L. Kaper, C. Kouveliotou, N. Masetti, E. Palazzi, H. Pedersen, E. Pian, J. Rhoads, E. Rol, N. R. Tanvir, P. M. Vreeswijk, R. A. M. J. Wijers, E. P. J. van den Heuvel), *The Astrophysical Journal*, 597, 699, 2003.

Variable polarization in the optical afterglow of GRB 021004, (E. Rol, R. Wijers, J. fynbo, J. Hjorth, J. Gorosabel, M. Egholm, J. Castro-Ceron, A. Castro-Tirado, L. Kaper, N. Masetti, E. Palazzi, E. Pian, N. Tanvir, P. Vreeswijk, C. Kouveliotou, P. Moller, H. Pedersen, A. Fruchter, J. Rhoads, I. Burud, I. Salamanca, E. Van den Heuvel), *Astronomy & Astrophysics* 405, L23-27, 2003.

GRB 030227: the first multiwavelength afterglow of an Integral GRB, (A. Castro-Tirado, J. Gorosabel, S. Gyziy, D. Reverte, J. Castro-Ceron, A. de Ugarte Postigo, N. Tanvir, S. Mereghetti, A. Tiengo, J. Buckle, R. Sagar, S. Pandey, V. Mohan, N. Masetti, F. Mannucci, S. Feltzing, I. Lundstrom, H. Pedersen, C. Riess, S. Thrushkin, J. Vilchez, N. Lund, S. Brandt, S. Martinez Nunez, V. Reglero, S. Klose, J. Greiner, J. Hjorth, L. Kaper, E. Pian, E. Palazzi, M. Andersen, A. Fruchter, J. Fynbo, B. Jensen, C. Kouveliotou, J. Rhoads, E. Rol, P. Vreeswijk, R. Wijers, E. van den Heuvel), *A&A* 411, L315, 2003.

The afterglow and the host Galaxy of GRB 011211, (P. Jakobsson, J. Hjorth, J. Fynbo, J. Gorosabel, K. Pedersen, I. Burud, A. Levan, C. Kouveliotou, N. Tanvir, A. Fruchter, J. Rhoads, T. Grav, M. Hansen, R. Michelsen, M. Andersen, B. Jensen, H. Pedersen, B. Thompson, M. Weidinger, S. Bhargavi, R. Cowsik, S. Pandey), *Astronomy & Astrophysics* 408, 941, 2003.

A very energetic Supernova associated with the Gamma-ray Burst of 29 March 2003, (J. Hjorth, J. Solermann, P. Moller, J. Fynbo, S. Woosley, C. Kouveliotou, N. Tanvir, J. Greiner, M. Andersen, A. Castro-Tirado, J. Castro-Ceron, A. Fruchter, J. Gorosabel, P. Jakobsson, L. Kaper, S. Klose, N. Masetti, H. Pedersen, K. Pedersen, E. Pian, E. Palazzi, J. Rhoads, E. rol, E. van den Heuvel, P. Vreeswijk, D. Watson, R. Wijers), *Nature*, 423, 847-850, 2003.

Discovery of Type-I X-ray bursts from the low-mass X-ray binary 4U 1708-40, (S.

Migliari, T. di Salvo, T. Belloni, M. van der Klis, R. Fender, S. Campana, C. Kouveliotou, M. Mendez, W. Lewin), MNRAS, 342, 909-914, 2003.

Optical and near-infrared observations of the GRB020405 afterglow, (Masetti, N., Palazzi, E., Pian, E., Simoncelli, A., Hunt, L. K., Maiorano, E., Levan, A., Christensen, L., Rol, E., Savaglio, S., Falomo, R., Castro-Tirado, A.J., Hjorth, J., Delsanti, A., Pannella, M., Mohan, V., Pandey, S. B., Sagar, R., Amati, L., Burud, I., Castro Cerón, J.M., Frontera, F., Fruchter, A.S., Fynbo, J.P.U., Gorosabel, J., Kaper, L., Klose, S., Kouveliotou, C., Nicastro, L., Pedersen, H., Rhoads, J., Salamanca, I., Tanvir, N., Vreeswijk, P. M., Wijers, R. A. M. J., van den Heuvel, E.P.J.), Astronomy and Astrophysics 404, 465-481, 2003.

A multi-colour study of the dark GRB 000210 host galaxy and its environment, (Gorosabel, J., Christensen, L., Hjorth, J., Fynbo, J. U., Pedersen, H., Jensen, B. L., Andersen, M. I., Lund, N., Jaunsen, A. O., Castro Cerón, J. M., Castro-Tirado, A.J. Fruchter, A. Greiner, J., Pian, E., Vreeswijk, P.M., Burud, I., Frontera, F., Kaper, L., Klose, S., Kouveliotou, C., Masetti, N., Palazzi, E., Rhoads, J., Rol, E., Salamanca, I., Tanvir, N., Wijers, R.A. M.J., van den Heuvel, E.), Astronomy and Astrophysics, 400, 127-136, 2003.

Chandra Observations of the Faintest Low-Mass X-Ray Binaries, (C. Wilson, S. Patel, C. Kouveliotou, P. Jonker, M. van der Klis, W. Lewin, T. Belloni), Astrophysical Journal, 596, 1220, 2003.

GRB 011121: A collimated outflow into wind –blown surroundings, (J. Greiner, S. Klose, M. Salvato, A. Zeh, R. Schwarz, D. Hartmann, N. Masetti, B. Stecklum, G. Lamer, N. Lodieu, R. Scholz, C. Sterken, J. Gorosabel, L. Wisotzki, I. Burud, J. Rhoads, I. Mitrofanov, A. Castro-Tirado, L. Kaper, J. Hjorth, A. Fruchter, C. Kouveliotou, E. Pian, P. Vreeswijk, E. van den Heuvel), The Astrophysical Journal, 599, 1223-1237, 2003.

An extended burst tail from SGR 1900+14 with a thermal X-ray spectrum (G. Linters, P. Woods, J. Goupell, C. Kouveliotou, E. Gogus, K. Hurley, E. Mazets, S. Golenetskii, J. Swank), Astrophysical Journal, 587, 761-770, 2003.

SCUBA observations of the host galaxies of four dark gamma-ray bursts, (V. Barnard, A. Blain, N. Tanvir, P. Natarajan, I. Smith, R. Wijers, C. Kouveliotou, E. Rol, R. Tilanus, P. Vreeswijk), MNRAS, 338 issue 1, 1-6, 2003.

2002

Large Torque variations in two soft gamma repeaters, (P. Woods, C. Kouveliotou, E. Gogus, M. Finger, J. Swank, C. Markwardt, K. Hurley, M. van der Klis), The Astrophysical Journal, 576, 381-390, 2002.

A Comprehensive Study of Pulse Profile Evolution in SGR 1806-20 & SGR 1900+14 with the RXTE PCA, (E. Gogus, C. Kouveliotou, P. M. Woods, M. H. Finger & M. van der Klis), The Astrophysical Journal, 577, 929-939, 2002.

The bright optical afterglow of the long GRB 001007, (Castro Cerón, J. M., Castro-Tirado, A. J., Gorosabel, J., Hjorth, J., Fynbo, J. U., Jensen, B. L., Pedersen, H.,

ersen, M. I., López-Corredoira, M., Suárez, O., Grosdidier, Y., Casares, J., Perez-Ramirez, D., Milvang-Jensen, B., Mallen-Ornelas, G., Fruchter, A., Greiner, J., Pian, E., Vreeswijk, P.M., Barthelmy, S.D., Cline, T., Frontera, F., Kaper, L., Klose, S., Kouveliotou, C., Hartmann, D.H., Hurley, K., Masetti, N., Mazets, E., Palazzi, E., Park, H.S., Rol, E., Salamanca, I., Tanvir, N., Trombka, J.I., Wijers, R.A.M.J., Williams, G.G., van den Heuvel, E.), *Astronomy and Astrophysics*, 393, 445-451, 2002.

Extended Power-Law decays in BATSE Gamma –Ray Bursts: early high-energy afterglows as signatures of external shocks?, (T. Giblin, V. Connaughton, J. van Paradijs, R. Preece, M. Briggs, C. Kouveliotou, R. Wijers, G. Fishman), *The Astrophysical Journal*, 570, 573-587, 2002.

Serendipitous detections of XTE J1906+09 with the Rossi X-Ray Timing Explorer, (C. Wilson, M. Finger, E. Gogus, P. Woods, C. Kouveliotou), *The Astrophysical Journal*, 565, 1150-1160, 2002.

Strategies for prompt searches for GRB afterglows: the discovery of the GRB 001011 optical/near-infrared counterpart using colour-colour selection, (J. Gorosabel, J. Fynbo, J. Hjorth, C. Wolf, M. Andersen, H. Pedersen, L. Christensen, B. Jensen, P. Moeller, J. Afonso, M. Treyer, G. Mallen-Ornelas, A. Castro-Tirado, A. Fruchter, J. Greiner, E. Pian, P. Vreeswijk, F. Frontera, L. Kaper, S. Klose, C. Kouveliotou, N. Masetti, E. Palazzi, E. Rol, I. Salamanca, N. Tanvir, R. Wijers, E. van den Heuvel), *Astronomy and Astrophysics* 384, 11, 2002.

2001

Temporal and spectral characteristics of short bursts from the Soft Gamma Repeaters 1806-20 and 1900+14, (E. Gogus, C. Kouveliotou, P. Woods, C. Thompson, R. Duncan, M. Briggs), *The Astrophysical Journal*, 558, 228-236, 2001.

SCUBA submillimeter observations of GRBs, II. GRB 991208, 991216, 000301C, 000630, 000911, 000926, (I. Smith, R. Tilanus, R. Wijers, N. Tanvir, P. Vreeswijk, E. Rol, C. Kouveliotou), *Astronomy and Astrophysics*, 380, 81–89, 2001.

An Unusual Burst from Soft Gamma Repeater SGR 1900+14: Comparisons with Giant Flares and Implications for the Magnetar Model, (Ibrahim, Alaa I.; Strohmayer, Tod E.; Woods, Peter M.; Kouveliotou, Chryssa; Thompson, Christopher; Duncan, Robert C.; Dieters, Stefan; Swank, Jean H.; van Paradijs, Jan; Finger, Mark), *The Astrophysical Journal* 558, 237, 2001.

Hubble Space Telescope STIS Observations of GRB 000301C: CCD Imaging and Near-Ultraviolet MAMA Spectroscopy, (Smette, Alain; Fruchter, Andrew S.; Gull, Theodore R.; Sahu, Kailash C.; Petro, Larry; Ferguson, Henry; Rhoads, James; Lindler, Don J.; Gibbons, Rachel; Hogg, David W.; Kouveliotou, Chryssa; Livio, Mario; Macchietto, Duccio; Metzger, Mark R.; Pedersen, Holger; Pian, Elena; Thorsett, Stephen E.; Wijers, Ralph A. M. J.; Fynbo, Johan P. U.; Gorosabel, Javier; Hjorth, Jens; Jensen, Brian L.; Levine, Alan; Smith, Donald A.; Cline, Tom; Hurley, Kevin; Trombka, Jack), *The Astrophysical Journal* 556, 70, 2001.

High frequency quasi-periodic oscillations in the 2000 outburst of the galactic microquasar XTE J1550-564, (J. Miller, R. Wijnands, J. Homan, T. Belloni, D. Pooley, S. Corbel, C. Kouveliotou, M. van der Klis, W. Lewin), *The Astrophysical*

Journal 563, 928, 2001.

A non-triggered burst supplement to the BATSE Gamma-Ray Burst catalogs, (J. Kommers, W. Lewin, C. Kouveliotou, J. van Paradijs, G. Pendleton, C. Meegan, G. Fishman), *The Astrophysical Journal Supplement Series*, 134, 385-454, 2001.

Chandra Observations of the Anomalous X-ray Pulsar 1E 2259+58.6, (S. Patel, C. Kouveliotou, P. Woods, A. Tennant, M. Weisskopf, F. Paerels, J. Vink, M. Finger, E. Gogus, M. van der Klis, T. Belloni), *The Astrophysical Journal Letters*, 563, L45-L48, 2001.

A possible faint near-infrared counterpart to the AXp 1E 2259+58.6 (F. Hulleman, A.F. Tennant, M.H. van Kerkwijk, S.R. Kulkarni, C. Kouveliotou, S. Patel), *The Astrophysical Journal Letters*, 563, L49-L52, 2001.

Multi-wavelength observations of the Soft Gamma Repeater SGR 1900+14 during its April 2001 activation, (C. Kouveliotou, A. Tennant, P. Woods, M. Weisskopf, K. Hurley, R. Fender, S. Garrington, S. Patel, E. Gogus), *The Astrophysical Journal Letters*, 558, L47-L50, 2001.

The metamorphosis of SN 1998bw, (F. Patat, E. Cappellaro, J. Danziger, P. Mazzali, J. Sollerman, T. Augusteijn, J. Brewer, V. Doublier, J-F. Gonzalez, O. Hainaut, C. Lidman, B. Leibundgut, K. Nomoto, T. Nakamura, J. Spyromilio, L. Rizzi, M. Turatto, J. Walsh, T. Galama, J. van Paradijs, C. Kouveliotou, P. Vreeswijk, F. Frontera, N. Masetti, E. Palazzi, E. Pian), *The Astrophysical Journal*, 555, 900-917, 2001.

The extraordinarily bright optical afterglow of GRB 991208 and its host galaxy, (A. Castro-Tirado, V. Sokolov, J. Gorosabel, J.M. Castro Cerón, J. Greiner, R. Wijers, B. Jensen, J. Hjorth, S. Toft, H. Pedersen, E. Palazzi, E. Pian, N. Masetti, R. Sagar, V. Mohan, A. Pandey, S. Pandey, S. Dodonov, T. Fatkhullin, V. Afanasiev, V. Komarova, A. Moiseev, R. Hudec, V. Simon, P. Vreeswijk, E. Rol, S. Klose, B. Stecklum, M. Zapatero-Osorio, N. Caon, C. Blake, J. Wall, D. Heinlein, A. Henden, S. Benetti, A. Magazzù, F. Ghinassi, L. Tommasi, M. Bremer, C. Kouveliotou, S. Guziy, A. Shlyapnikov, U. Hopp, G. Feulner, S. Dreizler, D. Hartmann, H. Boehnhardt, J. Paredes, J. Martí, E. Xanthopoulos, H. Kristen, J. Smoker, K. Hurley), *Astronomy & Astrophysics*, 370, 398, 2001.

Evidence for a sudden magnetic field reconfiguration in soft gamma repeater 1900+14, (P. Woods, C. Kouveliotou, E. Gögiş, M. Finger, J. Swank, D. Smith, K. Hurley, C. Thompson), *The Astrophysical Journal*, 552, 748-755, 2001.

Relativistic iron emission and disk reflection in galactic microquasar XTE J1748-288, (J. Miller, D. Fox, T. Di Matteo, R. Wijnands, T. Belloni, D. Pooley, C. Kouveliotou, W. Lewin), *The Astrophysical Journal*, 546, 1055-1067, 2001.

Discovery of a kHz QPO in 2S 0918-549, (P. Jonker, M. van der Klis, J. Homan, M. Mendez, J. van Paradijs, T. Belloni, C. Kouveliotou, W. Lewin), *The Astrophysical Journal*, 553, 335-340, 2001.

VLT Spectroscopy of GRB 990510 and GRB 990712: Probing the Faint and Bright Ends of the Gamma-Ray Burst Host Galaxy Population, (P. Vreeswijk, A. Fruchter, L. Kaper, E. Rol, T. Galama, J. van Paradijs, C. Kouveliotou, R. Wijers, E. Pian, E.

Palazzi, N. Masetti, F. Frontera, S. Savaglio, K. Reinsch, F. Hessman, K. Beuremann, H. Niklas, E. van den Heuvel), *The Astrophysical Journal*, 546, 672, 2001.

2000

Hubble Space Telescope observations of the host galaxy of GRB 970508, (Fruchter, A. S.; Pian, E.; Gibbons, R.; Thorsett, S. E.; Ferguson, H.; Petro, L.; Sahu, K. C.; Livio, M.; Caraveo, P.; Frontera, F.; Kouveliotou, C.; Macchetto, D.; Palazzi, E.; Pedersen, H.; Tavani, M.; van Paradijs, J.), *The Astrophysical Journal*, 545, p. 664, 2000.

GRB 990712: First indication of polarization variability in a Gamma-Ray Burst Afterglow, (Rol, E.; Wijers, R. A. M. J.; Vreeswijk,, P. M.; Kaper,, L.; Galama, T. J.; van Paradijs, J.; Kouveliotou, C.; Masetti, N.; Pian, E.; Palazzi, E.; Frontera, F.; van den Heuvel, E. P. J.), *The Astrophysical Journal*, 544, p. 707, 2000.

Physical mechanisms for the variable spin-down and light-curve of SGR 1900+14, (Thompson, Christopher; Duncan, Robert C.; Woods, Peter M.; Kouveliotou, Chryssa; Finger, Mark H.; van Paradijs, Jan), *The Astrophysical Journal*, 543, p. 340, 2000.

Detailed analysis of the pulsations during and after bursts from the Bursting Pulsar (GRO J1744-28), (Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Koshut, Thomas M.; Finger, Mark H.; Briggs, Michael S.; Fishman, Gerald J.; Lewin, W. H. G.), *The Astrophysical Journal*, 540, p. 1062, 2000.

Discovery of the Optical Counterpart and Early Optical Observations of GRB 990712, (Sahu, K. C.; Vreeswijk, P.; Bakos, G.; Menzies, J. W.; Bragaglia, A.; Frontera, F.; Piro, L.; Albrow, M. D.; Bond, I. A.; Bower, R.; Caldwell, J. A. R.; Castro-Tirado, A. J.; Courbin, F.; Dominik, M.; Fynbo, J. U.; Galama, T.; Glazebrook, K.; Greenhill, J.; Gorosabel, J.; Hearnshaw, J.; Hill, K.; Hjorth, J.; Kane, S.; Kilmartin, P. M.; Kouveliotou, C.; Martin, R.; Masetti, N.; Maxted, P.; Minniti, D.; Møller, P.; Muraki, Y.; Nakamura, T.; Noda, S.; Ohnishi, K.; Palazzi, E.; van Paradijs, J.; Pian, E.; Pollard, K. R.; Rattenbury, N. J.; Reid, M.; Rol, E.; Saito, T.; Sackett, P. D.; Saizar, P.; Tinney, C.; Vermaak, P.; Watson, R.; Williams, A.; Yock, P.; Dar, A.), *The Astrophysical Journal*, 540, p. 74, 2000.

The timing evolution of 4U 1630-47 during its 1998 outburst, (Dieters, S. W.; Belloni, T.; Kuulkers, E.; Woods, P.; Cui, W.; Zhang, S. N.; Chen, W.; van der Klis, M.; van Paradijs, J.; Swank, J.; Lewin, W. H. G.; Kouveliotou, C.), *The Astrophysical Journal*, 538, p. 307, 2000.

ISO detection of a 60 mu m source near GRB970508, (Hanlon, L.; Laureijs, R. J.; Metcalfe, L.; McBreen, B.; Altieri, B.; Castro-Tirado, A.; Claret, A.; Costa, E.; Delaney, M.; Feroci, M.; Frontera, F.; Galama, T.; Gorosabel, J.; Groot, P.; Heise, J.; Kessler, M.; Kouveliotou, C.; Palazzi, E.; van Paradijs, J.; Piro, L.; Smith, N.), *Astronomy and Astrophysics*, 359, p. 941, 2000.

Spectral evolution of the peculiar Supernova 1998bw, (Stathakis, R. A.; Boyle, B. J.; Jones, D. H.; Bessell, M. S.; Galama, T. J.; Germany, Lisa M.; Hartley, M.; James, D. M.; Kouveliotou, C.; Lewis, I. J.; Parker, Q. A.; Russell, K. S.; Sadler, E. M.; Tinney, C. G.; van Paradijs, J.; Vreeswijk, P.

M.), Monthly Notices of the Royal Astronomical Society, Volume 314, Issue 4, pp. 807-814, 2000.

Evidence for a Supernova in Reanalyzed Optical and Near-Infrared Images of GRB 970228, (Galama, T. J.; Tanvir, N.; Vreeswijk, P. M.; Wijers, R. A. M. J.; Groot, P. J.; Rol, E.; van Paradijs, J.; Kouveliotou, C.; Fruchter, A. S.; Masetti, N.; Pedersen, H.; Margon, B.; Deutscher, E. W.; Metzger, M.; Armus, L.; Klose, S.; Stecklum, B.), The Astrophysical Journal, Volume 536, Issue 1, pp. 185-194, 2000.

Timing Noise in SGR 1806-20, (Woods, P. M.; Kouveliotou, C.; Finger, M. H.; G Scott, D. M.; Dieters, S.; Thompson, C.; Duncan, R. C.; Hurley, K.; Strohmayer, T.; Swank, J.; Murakami, T.), The Astrophysical Journal, Volume 535, Issue 1, pp. L55-L58, 2000.

The Intensity Distribution of Faint Gamma-Ray Bursts Detected with BATSE, (Kommers, Jefferson M.; Lewin, Walter H. G.; Kouveliotou, Chryssa; van Paradijs, Jan; Pendleton, Geoffrey N.; Meegan, Charles A.; Fishman, Gerald J.), The Astrophysical Journal, Volume 533, Issue 2, pp. 696-709, 2000.

Statistical Properties of SGR 1806-20 Bursts, (Gogus, Ersin; Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Briggs, Michael S.; Duncan, Robert C.; Thompson, Christopher), The Astrophysical Journal, Volume 532, Issue 2, pp. L121-L124, 2000.

Observations of a Possible New Soft Gamma Repeater, SGR 1801-23, (Cline, T.; Frederiks, D. D.; Golenetskii, S.; Hurley, K.; Kouveliotou, C.; Mazets, E.; van Paradijs, J.), The Astrophysical Journal, Volume 531, Issue 1, pp. 407-410, 2000.

Near-infrared detection and optical follow-up of the GRB990705 afterglow, (Masetti, N.; Palazzi, E.; Pian, E.; Hunt, L. K.; Mondez, M.; Frontera, F.; Amati, L.; Vreeswijk, P. M.; Rol, E.; Galama, T. J.; van Paradijs, J.; Antonelli, L. A.; Nicastro, L.; Feroci, M.; Marconi, G.; Piro, L.; Costa, E.; Kouveliotou, C.; Castro-Tirado, A. J.; Falomo, R.; Augusteijn, T.; Boehnhardt, H.; Lidman, C.; Vanzi, L.; Merrill, K. M.; Kaminsky, C. D.; van der Klis, M.; Heemskerk, M. H. M.; van der Hooft, F.; Kuulkers, E.; Pedersen, H.; Benetti, S.), Astronomy and Astrophysics, v.354, p.473-479, 2000.

ASCA Observation of the Quiescent X-Ray Counterpart to SGR 1627-41, (Hurley, K.; Strohmayer, T.; Li, P.; Kouveliotou, C.; Woods, P.; van Paradijs, J.; Murakami, T.; Hartmann, D.; Smith, I.; Ando, M.; Yoshida, A.; Sugizaki, M.), The Astrophysical Journal, Volume 528, Issue 1, pp. L21-L23, 2000.

1999

Hard Burst Emission from the Soft Gamma Repeater SGR 1900+14, (Woods, Peter

M.;
Kouveliotou, Chryssa; van Paradijs, Jan; Briggs, Michael S.; Hurley, Kevin;
Gogus, Ersin; Preece, Robert D.; Giblin, Timothy W.; Thompson, Christopher;
Duncan, Robert C.), The Astrophysical Journal, Volume 527, Issue 1, pp.
L47-L50, 1999.

Statistical Properties of SGR 1900+14 Bursts, (Gogus, E.; Woods, Peter M.;
Kouveliotou, Chryssa; van Paradijs, Jan; Briggs, Michael S.; Duncan, Robert C.;
Thompson, Christopher), The Astrophysical Journal, Volume 526, Issue 2, pp.
L93-L96, 1999.

VLT observations of GRB 990510 and its environment, (Beuermann, K.; Hessman,
F.; Reinsch, K.; Nicklas, H.; Vreeswijk, P. M.; Galama, T. J.; Rol, E.; van
Paradijs, J.; Kouveliotou, C.; Frontera, F.; Masetti, N.; Palazzi, E.; Pian,
E.), Astronomy and Astrophysics, v.352, p.L26-L30, 1999.

Erratum: The Ulysses Supplement to the BATSE 3B Catalog of Cosmic Gamma-Ray
Bursts, (Hurley, K.; Briggs, M. S.; Kippen, R. M.; Kouveliotou, C.; Meegan, C.;
Fishman, G.; Cline, T.; Boer, M.), The Astrophysical Journal Supplement Series,
Volume 125, Issue 1, pp. 295-295, 1999.

Discovery of the Optical Transient of GRB 990308, (Schaefer, Bradley E.;
Snyder, J. A.; Hernandez, J.; Roscherr, B.; Deng, M.; Ellman, N.; Bailyn, C.;
Rengstorf, A.; Smith, D.; Levine, A.; Barthelmy, S.; Butterworth, P.; Hurley,
K.; Cline, T.; Meegan, C.; Kouveliotou, C.; Kippen, R. M.; Park, H.-S.;
Williams, G. G.; Porrata, R.; Bionta, R.; Hartmann, D.; Band, D.; Frail, D.;
Kulkarni, S.; Bloom, J.; Djorgovski, S.; Sadava, D.; Chaffee, F.; Harris, F.;
Abad, C.; Adams, B.; Andrews, P.; Baltay, C.; Bongiovanni, A.; Briceno, C.;
Bruzual, G.; Coppi, P.; della Prugna, F.; Dubuc, A.; Emmet, W.; Ferrin, I.;
Fuenmayor, F.; Gebhard, M.; Herrera, D.; Honeycutt, K.; Magris, G.; Mateu, J.;
Muffson, S.; Musser, J.; Naranjo, O.; Oemler, A.; Pacheco, R.; Paredes, G.;
Rengel, M.; Romero, L.; Rosenzweig, P.; Sabbey, C.; Sanchez, Ge.; Sanchez, Gu.;
Schenner, H.; Shin, J.; Sinnott, J.; Sofia, S.; Stock, J.; Suarez, J.;
Telloria, D.; Vicente, B.; Vieira, K.; Vivas, K.), The Astrophysical Journal,
Volume 524, Issue 2, pp. L103-L106, 1999.

A ROSAT Deep Survey of Four Small Gamma-Ray Burst Error Boxes, (Hurley, K.; Li,
P.; Boer, M.; Cline, T.; Fishman, G. J.; Meegan, C.; Kouveliotou, C.; Greiner,
J.; Laros, J.; Luginbuhl, C.; Vrba, F.; Murakami, T.; Pedersen, H.; van
Paradijs, J.), The Astrophysical Journal, Volume 524, Issue 1, pp. 92-97, 1999.

Observations of GRB 990123 by the Compton Gamma Ray Observatory, (Briggs, M.
S.; Band, D. L.; Kippen, R. M.; Preece, R. D.; Kouveliotou, C.; van Paradijs,
J.; Share, G. H.; Murphy, R. J.; Matz, S. M.; Connors, A.; Winkler, C.;
McConnell, M. L.; Ryan, J. M.; Williams, O. R.; Young, C. A.; Dingus, B.;
Catelli, J. R.; Wijers, R. A. M. J.), The Astrophysical Journal, Volume 524,

Issue 1, pp. 82-91, 1999.

Variable Spin-Down in the Soft Gamma Repeater SGR 1900+14 and Correlations with

Burst Activity, (Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Finger, Mark H.; Thompson, Christopher; Duncan, Robert C.; Hurley, Kevin; Strohmayer, Tod; Swank, Jean; Murakami, Toshio), *The Astrophysical Journal*, Volume 524, Issue 1, pp. L55-L58, 1999.

Evidence for an Early High-Energy Afterglow Observed with BATSE from GRB 980923, (Giblin, T. W.; van Paradijs, J.; Kouveliotou, C.; Connaughton, V.; Wijers, R. A. M. J.; Briggs, M. S.; Preece, R. D.; Fishman, G. J.), *The Astrophysical Journal*, Volume 524, Issue 1, pp. L47-L50, 1999.

Quasi-periodic Oscillations in Black Hole Candidates as an Indicator of Transition between Low and High States, (Rutledge, Robert E.; Lewin, Walter H. G.; van der Klis, Michiel; van Paradijs, Jan; Dotani, Tadayasu; Vaughan, Brian; Belloni, Tomaso; Oosterbroek, Tim; Kouveliotou, Chryssa), *The Astrophysical Journal Supplement Series*, Volume 124, Issue 1, pp. 265-283, 1999.

The X-Ray, Optical, and Infrared Counterpart to GRB 980703, (Vreeswijk, P. M.; Galama, T. J.; Owens, A.; Oosterbroek, T.; Geballe, T. R.; van Paradijs, J.; Groot, P. J.; Kouveliotou, C.; Koshut, T.; Tanvir, N.; Wijers, R. A. M. J.; Pian, E.; Palazzi, E.; Frontera, F.; Masetti, N.; Robinson, C.; Briggs, M.; In't Zand, J. J. M.; Heise, J.; Piro, L.; Costa, E.; Feroci, M.; Antonelli, L. A.; Hurley, K.; Greiner, J.; Smith, D. A.; Levine, A. M.; Lipkin, Y.; Leibowitz, E.; Lidman, C.; Pizzella, A.; Boenhardt, H.; Doublier, V.; Chaty, S.; Smail, I.; Blain, A.; Hough, J. H.; Young, S.; Suntzeff, N.), *The Astrophysical Journal*, Volume 523, Issue 1, pp. 171-176, 1999.

Where is SGR 1806-20?, (Hurley, K.; Kouveliotou, C.; Cline, T.; Mazets, E.; Golenetskii, S.; Frederiks, D. D.; van Paradijs, J.), *The Astrophysical Journal*, Volume 523, Issue 1, pp. L37-L40, 1999.

Detection of Polarization in the Afterglow of GRB 990510 with the ESO Very Large Telescope), Wijers, R. A. M. J.; Vreeswijk, P. M.; Galama, T. J.; Rol, E.; van Paradijs, J.; Kouveliotou, C.; Giblin, T.; Masetti, N.; Palazzi, E.; Pian, E.; Frontera, F.; Nicastro, L.; Falomo, R.; Soffitta, P.; Piro, L.), *The Astrophysical Journal*, Volume 523, Issue 1, pp. L33-L36, 1999.

LOTIS: GRB follow-up observations at early times, (Park, H. S.; Porrata, R. A.; Williams, G. G.; Ables, E.; Band, D. L.; Barthelmy, S. D.; Bionta, R. M.; Cline, T. L.; Fishman, G. J.; Gehrels, N.; Hartmann, D.; Hurley, K.; Kouveliotou, C.; Meegan, C. A.), *Astronomy and Astrophysics Supplement*, v.138, p.577-578, 1999.

Precise GRB source locations from the renewed interplanetary network, (Cline,

T. L.; Barthelmy, S.; Butterworth, P.; Marshall, F.; McClanahan, T.; Palmer, D.; Trombka, J.; Hurley, K.; Gold, R.; Aptekar, R.; Frederiks, D.; Golenetskii, S.; Il'inskii, V.; Mazets, E.; Fishman, G.; Kouveliotou, C.; Meegan, C. *Astronomy and Astrophysics Supplement*, v.138, p.557-558, 1999.

On the possible association of SN 1998bw and GRB 980425, (Galama, T. J.; Vreeswijk, P. M.; van Paradijs, J.; Kouveliotou, C.; Augusteijn, T.; Patat, F.; Heise, J.; In't Zand, J.; Groot, P. J.; Wijers, R. A. M. J.; Pian, E.; Palazzi, E.; Frontera, F.; Masetti, N.), *Astronomy and Astrophysics Supplement*, v.138, p.465-466, 1999.

Observations of GRBs with the Infrared Space Observatory, (Hanlon, L.; Metcalfe, L.; Delaney, M.; Laureijs, R.; McBreen, B.; Smith, N.; Altieri, B.; Castro-Tirado, A.; Costa, E.; Feroci, M.; Frontera, F.; Galama, T.; Gorosabel, J.; Groot, P.; Heise, J.; Kouveliotou, C.; Palazzi, E.; van Paradijs, J.; Piro, L.; Kessler, M.), *Astronomy and Astrophysics Supplement*, v.138, p.459-460, 1999.

Physical parameters of GRB 970508 from its afterglow synchrotron emission, (Galama, T. J.; Wijers, R. A. M. J.; Vreeswijk, P. M.; Groot, P. J.; van Paradijs, J.; Kouveliotou, C.; Robinson, C.; Bremer, M.; Strom, R. G.; Tanvir, N.), *Astronomy and Astrophysics Supplement*, v.138, p.451-452, 1999.

The X-ray, optical and infrared counterpart to GRB 980703, (Vreeswijk, P. M.; Galama, T. J.; Owens, A. N.; Oosterbroek, T.; Geballe, T.; van Paradijs, J.; Kouveliotou, C.; Tanvir, N.; Pian, E.; Palazzi, E.; Frontera, F.; Masetti, N.), *Astronomy and Astrophysics Supplement*, v.138, p.447-448, 1999.

Hard X-Ray Lags in GRO J1719-24, (van der Hooft, F.; Kouveliotou, C.; van Paradijs, J.; Paciesas, W. S.; Lewin, W. H. G.; van der Klis, M.; Crary, D. J.; Finger, M. H.; Harmon, B. A.; Zhang, S. N.), *The Astrophysical Journal*, Volume 519, Issue 1, pp. 332-335, 1999.

Precise Interplanetary Network Localization of a New Soft Gamma Repeater, SGR 1627-41, (Hurley, K.; Kouveliotou, C.; Woods, P.; Mazets, E.; Golenetskii, S.; Frederiks, D. D.; Cline, T.; van Paradijs, J.), *The Astrophysical Journal*, Volume 519, Issue 2, pp. L143-L145, 1999.

Discovery of a New Soft Gamma Repeater, SGR 1627-41, (Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Hurley, Kevin; Kippen, R. Marc; Finger, Mark H.; Briggs, Michael S.; Dieters, Stefan; Fishman, Gerald J.), *The Astrophysical Journal*, Volume 519, Issue 2, pp. L139-L142, 1999.

LOTIS Search for Early-Time Optical Afterglows: GRB 971227, (Williams, G. G.; Park, H. S.; Ables, E.; Band, D. L.; Barthelmy, S. D.; Bionta, R.; Butterworth, P. S.; Cline, T. L.; Ferguson, D. H.; Fishman, G. J.; Gehrels, N.; Hartmann, D. H.; Hurley, K.; Kouveliotou, C.; Meegan, C. A.; Ott, L.; Parker, E.; Porrata,

R.), The Astrophysical Journal, Volume 519, Issue 1, pp. L25-L29, 1999.

Hubble Space Telescope and Palomar Imaging of GRB 990123: Implications for the Nature of Gamma-Ray Bursts and Their Hosts, (Fruchter, Andrew S.; Thorsett, S. E.; Metzger, Mark R.; Sahu, Kailash C.; Petro, Larry; Livio, Mario; Ferguson, Henry; Pian, Elena; Hogg, David W.; Galama, Titus; Gull, Theodore R.; Kouveliotou, Chryssa; Macchett, Duccio; van Paradijs, Jan; Pedersen, Holger; Smette, Alain), The Astrophysical Journal, Volume 519, Issue 1, pp. L13-L16, 1999.

SCUBA sub-millimeter observations of gamma-ray bursters. I. GRB 970508, 971214, 980326, 980329, 980519, 980703, 981220, 981226, (Smith, I. A.; Tilanus, R. P. J.; van Paradijs, J.; Galama, T. J.; Groot, P. J.; Vreeswijk, P.; Kouveliotou, C.; Wijers, R. A. M. J.; Tanvir, N.), Astronomy and Astrophysics, v.347, p.92-98, 1999.

The Ulysses Supplement to the BATSE 4BR Catalog of Cosmic Gamma-Ray Bursts, (Hurley, K.; Briggs, M. S.; Kippen, R. M.; Kouveliotou, C.; Meegan, C.; Fishman, G.; Cline, T.; Boer, M.), The Astrophysical Journal Supplement Series, Volume 122, Issue 2, pp. 497-501, 1999.

The Fourth BATSE Gamma-Ray Burst Catalog (Revised), (Paciesas, William S.; Meegan, Charles A.; Pendleton, Geoffrey N.; Briggs, Michael S.; Kouveliotou, Chryssa; Koshut, Thomas M.; Lestrade, John Patrick; McCollough, Michael L.; Brainerd, Jerome J.; Hakkila, Jon; Henze, William; Preece, Robert D.; Connaughton, Valerie; Kippen, R. Marc; Mallozzi, Robert S.; Fishman, Gerald J.; Richardson, Georgia A.; Sahi, Maitrayee), The Astrophysical Journal Supplement Series, Volume 122, Issue 2, pp. 465-495, 1999.

BEPPOSAX Observations of SGR 1900+14 in Quiescence and during an Active Period, (Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Finger, Mark H.; Thompson, Christopher), The Astrophysical Journal, Volume 518, Issue 2, pp. L103-L106, 1999.

ASCA Observations of GRO J1744-28, (Nishiuchi, M.; Koyama, K.; Maeda, Y.; Asai, K.; Dotani, T.; Inoue, H.; Mitsuda, K.; Nagase, F.; Ueda, Y.; Kouveliotou, C.), The Astrophysical Journal, Volume 517, Issue 1, pp. 436-448, 1999.

Properties of the Second Outburst of the Bursting Pulsar (GRO J1744-28) as Observed with BATSE, (Woods, Peter M.; Kouveliotou, Chryssa; van Paradijs, Jan; Briggs, Michael S.; Wilson, C. A.; Deal, Kim; Harmon, B. A.; Fishman, G. J.; Lewin, W. H. G.; Kommers, J.), The Astrophysical Journal, Volume 517, Issue 1, pp. 431-435, 1999.

The Fading Optical Counterpart of GRB 970228, 6 Months and 1 Year Later, (Fruchter, Andrew S.; Pian, Elena; Thorsett, Stephen E.; Bergeron, Louis E.;

Gonzalez, Rosa A.; Metzger, Mark; Goudfrooij, Paul; Sahu, Kailash C.; Ferguson, Henry; Livio, Mario; Mutchler, Max; Petro, Larry; Frontera, Filippo; Galama, Titus; Groot, Paul; Hook, Richard; Kouveliotou, Chryssa; Macchietto, Duccio; van Paradijs, Jan; Palazzi, Eliana; Pedersen, Holger; Sparks, William; Tavani, Marco), The Astrophysical Journal, Volume 516, Issue 2, pp. 683-692, 1999.

No Evidence for Gamma-Ray Burst/Abell Cluster or Gamma-Ray Burst/Radio-quiet Quasar Correlations, (Hurley, K.; Hartmann, D. H.; Kouveliotou, C.; Kippen, R. M.; Laros, J.; Cline, T.; Boer, M.), The Astrophysical Journal, Volume 515, Issue 2, pp. 497-499, 1999.

Hard X-Ray Variability of the Black Hole Candidate GRO J0422+32 during Its 1992 Outburst, (van der Hooft, F.; Kouveliotou, C.; van Paradijs, J.; Paciesas, W. S.; Lewin, W. H. G.; van der Klis, M.; Crary, D. J.; Finger, M. H.; Harmon, B. A.; Zhang, S. N.), The Astrophysical Journal, Volume 513, Issue 1, pp. 477-490, 1999.

The ULYSSES Supplement to the BATSE 3B Catalog of Cosmic Gamma-Ray Bursts, (Hurley, K.; Briggs, M. S.; Kippen, R. M.; Kouveliotou, C.; Meegan, C.; Fishman, G.; Cline, T.; Boer, M.), The Astrophysical Journal Supplement, Volume 120, Issue 2, pp. 399-408, 1999.

Erratum: A Search for Nontriggered Gamma-Ray Bursts in the BATSE Database, (Kommers, Jefferson M.; Lewin, Walter H. G.; Kouveliotou, Chryssa; van Paradijs, Jan; Pendleton, Geoffrey N.; Meegan, Charles A.; Fishman, Gerald J.), The Astrophysical Journal, Volume 511, Issue 1, pp. 514-514, 1999.

Discovery of a Magnetar Associated with the Soft Gamma Repeater SGR 1900+14, (Kouveliotou, C.; Strohmayer, T.; Hurley, K.; van Paradijs, J.; Finger, M. H.; Dieters, S.; Woods, P.; Thompson, C.; Duncan, R. C.), The Astrophysical Journal, Volume 510, Issue 2, pp. L115-L118, 1999.

ASCA Discovery of an X-Ray Pulsar in the Error Box of SGR 1900+14, (Hurley, K.; Li, P.; Kouveliotou, C.; Murakami, T.; Ando, M.; Strohmayer, T.; van Paradijs, J.; Vrba, F.; Luginbuhl, C.; Yoshida, A.; Smith, I.), The Astrophysical Journal, Volume 510, Issue 2, pp. L111-L114, 1999.

Reactivation and Precise Interplanetary Network Localization of the Soft Gamma Repeater SGR 1900+14, (Hurley, K.; Kouveliotou, C.; Woods, P.; Cline, T.; Butterworth, P.; Mazets, E.; Golenetskii, S.; Frederics, D), The Astrophysical Journal, Volume 510, Issue 2, pp. L107-L109, 1999.

The effect of magnetic fields on gamma-ray bursts inferred from multi-wavelength observations of the burst of 23 January 1999, (Galama, T. J.; Briggs, M. S.; Wijers, R. A. M.; Vreeswijk, P. M.; Rol, E.; Band, D; van Paradijs, J.; Kouveliotou, C.; Preece, R. D.; Bremer, M.; Smith, I. A.; Tilanus, R. P. J.; de Bruyn, A. G.; Strom, R. G.; Pooley, G.; Castro-Tirado, A. J.;

Tanvir, N.; Robinson, C.; Hurley, K.; Heise, J.; Telting, J.; Rutten, R. G. M.; Packham, C.; Swaters, R.; Davies, J. K.; Fassia, A.; Green, S. F.; Foster, M. J.; Sagar, R.; Pandey, A. K.; Nilakshi; Yadav, R. K. S.; Ofek, E. O.; Leibowitz, E.; Ibbetson, P.; Rhoads, J.; Falco, E.; Petry, C.; Impey, C.; Geballe, T. R.; Bhattacharya, D.), Nature, 398, 394-399 (1999).

1998

Gamma-Ray Burst Arrival Time Localizations: Simultaneous Observations by Pioneer

Venus Orbiter, Compton Gamma-Ray Observatory, and ULYSSES, (Laros, J. G.; Hurley, K. C.; Fenimore, E. E.; Klebesadel, R. W.; Briggs, M. S.; Kouveliotou, C.; McCollough, M. L.; Fishman, G. J.; Meegan, C. A.; Cline, T. L.; Boer, M.; Niel, M.), The Astrophysical Journal Supplement Series, Volume 118, Issue 2, pp. 391-399 (1998).

On the Association of Gamma-Ray Bursts with Supernovae, (Kippen, R. M.; Briggs, M. S.; Kommers, J. M.; Kouveliotou, C.; Hurley, K.; Robinson, C. R.; van Paradijs, J.; Hartmann, D. H.; Galama, T. J.; Vreeswijk, P. M.), The Astrophysical Journal, Volume 506, Issue 1, pp. L27-L30 (1998).

The Rapid Decay of the Optical Emission from GRB 980326 and Its Possible Implications, (Groot, P. J.; Galama, T. J.; Vreeswijk, P. M.; Wijers, R. A. M. J.; Pian, E.; Palazzi, E.; van Paradijs, J.; Kouveliotou, C.; In't Zand, J. J. M.; Heise, J.; Robinson, C.; Tanvir, N.; Lidman, C.; Tinney, C.; Keane, M.; Briggs, M.; Hurley, K.; Gonzalez, J.-F.; Hall, P.; Smith, M. G.; Covarrubias, R.; Jonker, P.; Casares, J.; Frontera, F.; Feroci, M.; Piro, L.; Costa, E.; Smith, R.; Jones, B.; Windridge, D.; Bland-Hawthorn, J.; Veilleux, S.; Garcia, M.; Brown, W. R.; Stanek, K. Z.; Castro-Tirado, A. J.; Gorosabel, J.; Greiner, J.; Jaeger, K.; Bohm, A. B.; Fricke, K. J.), Astrophysical Journal Letters v.502, p.L123 (1998).

Optical and near-infrared follow-up observations of GRB980329, (Palazzi, E.; Pian, E.; Masetti, N.; Nicastro, L.; Vreeswijk, P.; Galama, T. J.; Groot, P.; Frontera, F.; della Valle, M.; Lidman, C.; Kouveliotou, C.; Pizzichini, G.; van Paradijs, J.; Pedersen, H.; Mannucci, F.; di Martino, M.; Diercks, A. H.; Deutsch, E. W.; Amati, L.; Benetti, S.; Castro-Tirado, A. J.; Clasen, J.; Costa, E.; dal Fiume, D.; Falomo, R.; Feroci, M.; Fynbo, J.; Heise, J.; In't Zand, J. M.; Piro, L.; Robinson, C.; Tornikoski, M.; Valtaoja, E.; Zapatero-Osorio, M. R.; Lamb, D.; Quashnock, J.; van den Berk, D.), Astronomy and Astrophysics, v.336, p.L95-L99 (1998).

Power-Law Decays in the Optical Counterparts of GRB 970228 and GRB 970508, (Garcia, M. R.; Callanan, P. J.; Moraru, D.; McClintock, J. E.; Tollestrup, E.; Willner, S. P.; Hergenrother, C.; Robinson, C. R.; Kouveliotou, C.; van Paradijs, J.), Astrophysical Journal Letters v.500, p.L105 (1998).

The 1.4 GHz Light Curve of GRB 970508, (Galama, T. J.; Wijers, R. A. M. J.; Bremer, M.; Groot, P. J.; Strom, R. G.; de Bruyn, A. G.; Kouveliotou, C.; Robinson, C. R.; van Paradijs, J.), *Astrophysical Journal Letters* v.500, p.L10 (1998).

The Radio-to-X-Ray Spectrum of GRB 970508 on 1997 May 21.0 UT, (Galama, T. J.; Wijers, R. A. M. J.; Bremer, M.; Groot, P. J.; Strom, R. G.; Kouveliotou, C.; van Paradijs, J.), *Astrophysical Journal Letters* v.500, p.L97 (1998).

Optical Follow-Up of GRB 970508, (Galama, T. J.; Groot, P. J.; van Paradijs, J.; Kouveliotou, C.; Strom, R. G.; Wijers, R. A. M. J.; Tanvir, N.; Bloom, J.; Centurion, M.; Telting, J.; Rutten, R. G. M.; Smith, P.; Mackey, C.; Smartt, S.; Benn, C.; Heise, J.; In't Zand, J.), *Astrophysical Journal Letters* v.497, p.L13 (1998).

Pulse delay observations of GRO J1744-28, (Koshut, T., Kouveliotou, C., van Paradijs, J., Woods, P., Fishman, G., Briggs, M., Lewin, W., Kommers, J.), *ApJ Letters*, 496, L101-L104 (1998).

Hard X-Ray Lags in Cygnus X-1, (Crary, D. J.; Finger, M. H.; Kouveliotou, C.; van der Hooft, F.; van der Klis, M.; Lewin, W. H. G.; van Paradijs, J.), *Astrophysical Journal Letters* v.493, p.L71 (1998).

A Search for Optical Afterglow from GRB 970828, (Groot, P. J.; Galama, T. J.; van Paradijs, J.; Kouveliotou, C.; Wijers, R. A. M. J.; Bloom, J.; Tanvir, N.; Vanderspek, R.; Greiner, J.; Castro-Tirado, A. J.; Gorosabel, J.; von Hippel, T.; Lehnert, M.; Kuijken, K.; Hoekstra, H.; Metcalfe, N.; Howk, C.; Conselice, C.; Telting, J.; Rutten, R. G. M.; Rhoads, J.; Cole, A.; Pisano, D. J.; Naber, R.; Schwarz, R.), *Astrophysical Journal Letters* v.493, p.L27 (1998).

A hypernova model for the supernova associated with the gamma-ray burst of 25 April 1998, (Iwamoto, K.; Mazzali, P. A.; Nomoto, K.; Umeda, H.; Nakamura, T.; Patat, F.; Danziger, I. J.; Young, T. R.; Suzuki, T.; Shigeyama, T.; Augusteijn, T.; Doublier, V.; Gonzalez, J.-F.; Boehnhardt, H.; Brewer, J.; Hainaut, O. R.; Lidman, C.; Leibundgut, B.; Cappellaro, E.; Turatto, M.; Galama, T. J.; Vreeswijk, P. M.; Kouveliotou, C.; van Paradijs, J.; Pian, E.; Palazzi, E.; Frontera, F.), *Nature*, 395, 672-674 (1998).

An unusual supernova in the error box of the gamma-ray burst of 25 April 1998, (Galama, T. J.; Vreeswijk, P. M.; van Paradijs, J.; Kouveliotou, C.; Augusteijn, T.; Bohnhardt, H.; Brewer, J. P.; Doublier, V.; Gonzalez, J.-F.; Leibundgut, B.; Lidman, C.; Hainaut, O. R.; Patat, F.; Heise, J.; In't Zand, J.; Hurley, K.; Groot, P. J.; Strom, R. G.; Mazzali, P. A.; Iwamoto, K.; Nomoto, K.; Umeda, H.; Nakamura, T.; Young, T. R.; Suzuki, T.; Shigeyama, T.; Koshut, T.; Kippen, M.; Robinson, C.; de Wildt, P.; Wijers, R. A. M. J.; Tanvir, N.; Greiner, J.; Pian, E.; Palazzi, E.; Frontera, F.; Masetti, N.; Nicastro, L.; Feroci, M.; Costa, E.; Piro, L.; Peterson, B. A.; Tinney, C.; Boyle, B.; Cannon, R.; Stathakis, R.;

Sadler, E.; Begam, M. C.; Ianna, P.), Nature, 395, 670-672 (1998).

An X-ray pulsar with a superstrong magnetic field in the soft gamma-ray repeater SGR 1806-20, (Kouveliotou, C.; Dieters, S.; Strohmayer, T.; van Paradijs, J.; Fishman, G. J.; Meegan, C. A.; Hurley, K.; Kommers, J.; Smith, I.; Frail, D.; Murakami, T.), Nature, 393, 235-237 (1998).

1997

European observation network: Ground-based support for gamma-ray satellites, (R. Hudec, P. Spurny, J. Florian, J. Bocek, M. Tichy, J. Ticha, L. Vyskocil, W. Wenzel, S. Barthelmy, T. Cline, N. Gehrels, G. Fishman, C. Meegan, C. Kouveliotou, A. Mutafov), Experimental Astronomy, 7, 319-323, 1997.

New constraints on simultaneous optical emission from GRBs measured by the Livermore Optical Transient Imaging System Experiment, (H.S. Park, G.G. Williams, E. Ables, D.L. Band, S.D. Barthelmy, R. Bionta, P.S. Butterworth, T.L. Cline, D.H. Ferguson, G.J. Fishman, N. Gehrels, D. Hartmann, K. Hurley, C. Kouveliotou, C.A. Meegan, L. Ott, E. Parker, R. Wurtz), ApJ Letters, 490, L21-L24, 1997.

Are Abell clusters correlated with GRBs?, (K. Hurley, D. Hartmann, C. Kouveliotou, G. Fishman, J. Laros, T. Cline, M. Boer), ApJ Letters, 479, L113, 1997.

The identification of two different spectral types of pulses in GRBs, (G. Pendleton, W.S. Paciesas, M.S. Briggs, R.D. Preece, R.S. Mallozzi, C.A. Meegan, J.M. Horack, G.J. Fishman, D.L. Band, J.L. Matteson, R.T. Skelton, J. Hakkila, L.A. Ford, C. Kouveliotou, T.M. Koshut), ApJ, 489, 175, 1997.

Post-burst QPOs from GRO J1744-28 and from the Rapid Burster, (J.M. Kommers, D.W. Fox, W.H.G. Lewin, R.E. Rutledge, J. van Paradijs, C. Kouveliotou), ApJ Letters, 482, L53-L56, 1997.

ROSAT X-ray observation of the second error box for SGR 1900+14, (P. Li, K. Hurley, F. Vrba, C. Kouveliotou, C. Meegan, G. Fishman, S. Kulkarni, D. Frail), ApJ, 490, 823-825, 1997.

Observations of GRB 970228 and GRB 970508 and the neutron star merger model, (K.C. Sahu, M. Livio, L. Petro, H. Bond, D. Macchett, T. Galama, P. Groot, J. van Paradijs, C. Kouveliotou), ApJ Letters, 489, L127-L131, 1997.

A Search for TeV counterparts to BATSE GRBs, (V. Connaughton, C.W. Akerlof, S. Barthelmy, S. Biller, P. Boyle, J. Buckley, D.A. Carter-Lewis, M. Catanese, M.F. Cawley, T. Cline, D.J. Fegan, J.

Finley, G.J. Fishman, J. Gaidos, N. Gehrels, A.M. Hillas, C. Kouveliotou, F. Krennrich, R.C. Lamb, R. Lessard, J. McEnerly, C. Meegan, G. Mohanty, N.A. Porter, J. Quinn, A. Rodgers, H.J. Rose, F. Samuelson, M.S. Schubnell, G. Sembroski, R. Srinivasan, T.C. Weekes, C. Wilson, J. Zweerink), ApJ, 479, 859, 1997.

Radio and optical follow-up observations and improved IPN position of GRB 970111, (T.J. Galama, P.J. Groot, R.G. Strom, J. van Paradijs, K. Hurley, C. Kouveliotou, G.J. Fishman, C.A. Meegan, J. Heise, J.J.M. In't Zand, A.G. de Bruyn, L.O. Hanlon, K. Bennett, J.H. Telting, R.G.M. Rutten), ApJ Letters, 486, L5-L9, 1997.

The host to GRB970508: a distant dwarf galaxy?, (P. Natarajan, J.S. Bloom, S. Sigurdsson, R.A. Johnson, N.R. Tanvir, P.J. Groot, T.J. Galama, J. van Paradijs, C. Kouveliotou), New Astronomy, vol.2, no. 5, 471-475, 1997.

The decay of optical emission from the gamma-ray burst GRB970228, (T. Galama, P.J. Groot, J. van Paradijs, C. Kouveliotou, C.R. Robinson, G.J. Fishman, C.A. Meegan, K. Sahu, M. Livio, L. Petro, F.D. Macchetto, J. Heise, J. in't Zand, R.G. Strom, J. Telting, R.G.M. Rutten, M. Pettini, N. Tanvir, J. Bloom), Nature, 387, 479-481, 1997.

The optical counterpart to gamma-ray burst GRB970228 observed using the Hubble Space Telescope, (K. Sahu, M. Livio, L. Petro, F.D. Macchetto, J. van Paradijs, C. Kouveliotou, G.J. Fishman, C.A. Meegan, P.J. Groot, T. Galama), Nature, 387, 476-478, 1997.

Transient optical emission from the error box of the gamma-ray burst of 28 February 1997, (J. van Paradijs, P.J. Groot, T. Galama, C. Kouveliotou, R.G. Strom, J. Telting, R.G.M. Rutten, G.J. Fishman, C.A. Meegan, M. Pettini, N. Tanvir, J. Bloom, H. Pedersen, H.U. Noerdgaard-Nielsen, M. Linden-Voernle, J. Melnik, G. van der Steene, M. Bremer, R. Naber, J. Heise, J. in't Zand, E. Costa, M. Feroci, L. Piro, F. Frontera, G. Zavattini, L. Nicastro, E. Palazzi, K. Bennet, L. Hanlon, A. Parmar), Nature, 386, 686-689, 1997.

A search for non-triggered GRBs in the BATSE data base, (J.M. Kommers, W.H.G. Lewin, C. Kouveliotou, J. van Paradijs, G.N. Pendleton, C.A. Meegan, G.J. Fishman), ApJ, 491, 704-719, 1997.

Hard X-ray Lags in Cygnus X-1, (D.J. Crary, M.H. Finger, C. Kouveliotou, F. van der Hooft, M. van der Klis, W.H.G. Lewin, J. van Paradijs), APJ Letters, 493, L71-L74, 1998.

Real-time optical flux limits from GRBs measured by the GROCSE experiment, (H-S. Park, E. Ables, C. Akerlof, D. Band, S. Barthelmy, R. Bionta, P. Butterworth, T. Cline, D. Ferguson, G. Fishman, N. Gehrels, K. Hurley, C. Kouveliotou, B. Lee, C. Meegan, L. Ott, E.

Parker), APJ, 490, 99, 1997.

Evidence for neutron star formation from accretion induced collapse of a white dwarf (J. van Paradijs, E.P.G. van den Heuvel, C. Kouveliotou, G.J. Fishman, M.H. Finger, W. Lewin, A & A Letters, 317, L9-L12, 1997).

Gamma-ray burst arrival-time localizations: Simultaneous observations by Mars Observer, Compton Observatory and Ulysses, (J.G. Laros, W.V. Boynton, K.C. Hurley, M.L. McCollough, C. Kouveliotou, G.J. Fishman, C.A. Meegan, T.L. Cline, D.M. Palmer, R.D. Starr, J.I. Trombka, M. Boer, M. Niel, A.E. Metzger), ApJSS, 110, 157-161, 1997.

ROSAT position of GRO J1744-28 and search for its near-infrared counterpart, (T. Augusteijn, J. Greiner, C. Kouveliotou, J. van Paradijs, C. Lidman, P. Blanco, G.J. Fishman, M.S. Briggs, J. Kommers, R. Rutledge, W.H.G. Lewin, A.H. Henden, C.B. Luginbuhl, F. Vrba, K. Hurley), ApJ, 486, 1013-1018, 1997.

1996

Possible association of a quiescent X-ray source with a GRB, (K. Hurley, P. Li, A. Smette, C. Kouveliotou, G.J. Fishman, J. Laros, T. Cline, E. Fenimore, R. Klebesadel, M. Boer, H. Pedersen, M. Niel, M. Sommer), ApJ, 464, 342-347, 1996.

ASCA rediscovery of the X-ray source in the 1978 November 19 GRB error box, (K. Hurley, P. Li, T. Murakami, R. Shibata, Y. Ogasaka, H. Pedersen, F. Vrba, C. Luginbuhl, T. Cline, D. Palmer, G. Ricker, C. Kouveliotou, N. Kawai, M. Matsuoka, A. Yoshida, M. Yamauchi, J. Nishimura, K. Yoshida), APJL, 469, L105-L107, 1996.

The double infrared source toward the SGR 1900+14, (F.J. Vrba, C.B. Luginbuhl, K.C. Hurley, P. Li, S.R. Kulkarni, M.H. van Kerkwijk, D.H. Hartmann, L.E. Campusano, M.J. Graham, R.G. Clowes, C. Kouveliotou, R. Probst, I. Gatley, M. Merrill, R. Joyce, R. Mendez, I. Smith, A. Schultz), APJ, 468, 225-230, 1996.

The third BATSE GRB Catalog, (C. Meegan, G. Pendleton, M. Briggs, C. Kouveliotou, T. Koshut, J. Lestrade, W. Paciesas, M. McCollough, J. Brainerd, J. Horack, J. Hakkila, W. Henze, R. Preece, R. Mallozzi, G. Fishman), ApJ Suppl. Series, 106, 65-110, 1996.

Searches for prompt radio emission from the GRBs 950430 and 950706, (C. Dessenne, D. Green, P. Warner, D. Titterington, E. Waldram, S. Barthelmy, P. Butterworth, T. Cline, N. Gehrels, D. Palmer, J. Fishman, C. Kouveliotou, C. Meegan), M.N.R.A.S., 281, 977-984, 1996.

A possible X-ray counterpart to SGR 1900+14, (K. Hurley, P. Li, F. Vrba, C. Luginbuhl, D. Hartmann, C. Kouveliotou, C. Meegan, G. Fishman, S. Kulkarni, D. Frail, S. Bowyer, M. Lampton), ApJL, 463, L13-L16, 1996.

ASCA observation of a possible X-Ray counterpart of the 1992 May 1 GRB, (T. Murakami, R. Shibata, Y. Ogasaka, A. Yoshida, K. Hurley, P. Li, C. Kouveliotou, G. Fishman), Publ. Astron. Soc. Japan, 48, L9-L14, 1996.

A new type of transient high-energy source in the direction of the galactic centre, (C. Kouveliotou, J. van Paradijs, G. J. Fishman, M. S. Briggs, J. Kommers, B. A. Harmon, C. A. Meegan, W. H. G. Lewin), Nature, 379, 799-801, 1996.

A comparison between the Rapid Burster and GRO J1744-28 (W. H. G. Lewin, R. E. Rutledge, J.M. Kommers, J. van Paradijs, C. Kouveliotou), ApJ Letters, 462, L39-L42, 1996.

Systematic effects on duration measurements of GRBs, (T.M. Koshut, W.S. Paciesas, C. Kouveliotou, G. Pendleton, J. van Paradijs, G. Fishman, C. Meegan), ApJ, 463, 570-592, 1996.

The intensity distribution for GRBs observed with BATSE, (G. Pendleton, R. Mallozzi, W. Paciesas, M. Briggs, R. Preece, T. Koshut, J. Horack, C. Meegan, G. Fishman, C. Kouveliotou), ApJ, 464, June 10, 1996.

Results of the first two years of the BATSE/COMPTEL/NMSU Rapid Response Network, (B. McNamara, T. Harrison, J. Ryan, R. Kippen, M. McConnell, J. Macri, C. Kouveliotou, J. Fishman, C. Meegan, D. Green, D. Koranyi, P. Warner, E. Waldram, L. Hanlon, T. Spoelstra, K. Bennett, V. Metlov, N. Metlova, E. Feigelson, A. Beasley, D. Palmer, S. Barthelmy, D. Gary, E. Olsen, S. Levin, P. Wannier, M. Janssen, P. Quinn, J. Borovicka, P. Pravec, R. Hudec, M. Coe), ApJ Suppl. Series, 103, 173-181, 1996.

Infrared observations of SGRs, (J. van Paradijs, L.B.F.M. Waters, P.J. Groot, C. Kouveliotou, I.A. Smith, K.C. Hurley, A.S.B. Schultz, P. Wallyn, C. Telesco, F. van der Hooft, Tj.R. Bontekoe, D.J.M. Kester), A & A, 314, 146-152, 1996.

1100 days of BATSE observations of Cyg X-1, (D. Crary, C. Kouveliotou, J. van Paradijs, F. van der Hooft, M. Scott, B. Rubin, S. Zhang, W. Paciesas, M. Finger, B. Harmon, M. van der Klis, W. Lewin), A & A Suppl. Series, 120, 153-156, 1996.

A model of the gamma-ray background on the BATSE experiment, (B.C. Rubin, F. Lei, G.J. Fishman, M.H. Finger, B.A. Harmon, C. Kouveliotou, W.S. Paciesas, G.N. Pendleton, R.B. Wilson, S.N. Zhang), A & A Suppl. Series, 120, 687-690, 1996.

Correlation between BATSE hard X-ray spectral and timing properties of

Cygnus X-1, (D. Crary, C. Kouveliotou, J. van Paradijs, F. van der Hooft, M. Scott, W. Paciesas, M. van der Klis, M. Finger, B. Harmon, W. Lewin), ApJ Letters, 462, L71-L74, 1996.

Low-frequency QPO in the X-ray transient GRO J1719-24, (F. van der Hooft, C. Kouveliotou, J. van Paradijs, B. Rubin, D. Crary, M. Finger, B. Harmon, M. van der Klis, W. Lewin, G. Fishman), A & A Suppl. Series, 120, 141-144, 1996.

Search for rapid X-ray variability from the black hole candidate GRO J1655-40, (D. Crary, C. Kouveliotou, J. van Paradijs, F. van der Hooft, M. van der Klis, B. Rubin, M. Scott, M. Finger, B. Harmon, W. Lewin), ApJ Letters, 463, L79-L81, 1996.

Time scale invariance of rapid X-ray variability of the black hole candidate GRO J1719-24, (F. van der Hooft, C. Kouveliotou, J. van Paradijs, B. Rubin, D. Crary, M. Finger, B. Harmon, M. van der Klis, W. Lewin, J. Norris, G. Fishman), ApJ Letters, 458, L75-L78, 1996.

Gross spectral differences between bright and dim Gamma-Ray Bursts (R. Nemiroff, J. Norris, J. Bonnell, W. Wickramasinghe, C. Kouveliotou, W. Paciesas, G. Fishman, C. Meegan), ApJ Letters, 1994.

1995

The Gamma-Ray Burst GB 920622 (J. Greiner, M. Sommer, N. Bade, G. J. Fishman, L. O. Hanlon, K. Hurley, R. M. Kippen, C. Kouveliotou, R. Preece, J. Ryan, V. Schoenfelder, C. Winkler, M. Boer, M. Niel), A & A, 302, 121-132, 1995.

Gamma-Ray Burst Precursor activity as observed with BATSE, (T. Koshut, C. Kouveliotou, W. Paciesas, J. van Paradijs, G. Pendleton, M. Briggs, G. Fishman, C. Meegan), ApJ, 452, 145-155, 1995.

Attributes of Pulses in long Bright GRBs, (J. Norris, R. Nemiroff, J. Bonnell, J. Scargle, C. Kouveliotou, W. Paciesas, C. Meegan, G. Fishman), ApJ, 459, 393-412, 1996.

BATSE observations of the Large-Scale Isotropy of Gamma-Ray Bursts,(M. Briggs, W. Paciesas, G. Pendleton, C. Meegan, G. Fishman, J. Horack, M. Brock, C. Kouveliotou, D. Hartmann, J. Hakkila), ApJ, 459, 40, 1996.

Do GRB sources repeat ?, (C. Meegan, D. Hartmann, J. Brainerd, M. Briggs, W. Paciesas, G. Pendleton, C. Kouveliotou, G. Fishman, G. Blumenthal, M. Brock), ApJL, 446, L15-L18, 1995.

Duration distributions of bright and dim Gamma-Ray Bursts (J. Norris, J. Bonnell, R. Nemiroff, J. Scargle, C. Kouveliotou, G. Fishman, C. Meegan, W. Paciesas), ApJ, 439, 542-547, 1995.

A Search for Stellar flares in Gamma-ray Bursts observed by BATSE and Ulysses, (P. Li, K. Hurley, G.J.Fishman, C. Kouveliotou, D. Hartmann), ApJ, 446, 267-271, 1995.

RXTE J255+266: Detection of an extremely bright EUV transient (M. Dahlem, H.-C. Kreysing, S. M. White, D. Engels, J. J. Gordon, B.A. Harmon, S. N. Zhang, C. Kouveliotou, W. S. Paciesas and W. Voges), A & Ap Letters, 295, L13 - L16, 1995.

The first search for a gamma ray burst quiescent counterpart in the extreme ultraviolet with EUVE, (K. Hurley, P. Li, J. Laros, G. Fishman, C. Kouveliotou, C. Meegan), ApJ, 445, 348-350, 1995.

BATSE observations of GRB spectra. II. Peak energy evolution in bright, long bursts, (L.A. Ford, D.L. Band, J.L. Matteson, M. Briggs, G. Pendleton, R. Preece, W. Paciesas, B. Teegarden, D. Palmer, B. Schaefer, T. Cline, G. Fishman, C. Kouveliotou, C. Meegan, R. Wilson, J. Lestrade), Ap. J., 439, 307-321, 1995.

1994

A Search for the Radio Counterpart to the 1994 March 1, Gamma-Ray Burst (D. A. Frail, S. R. Kulkarni, K. C. Hurley, G. J. Fishman, C. Kouveliotou, C.A.Meegan, M. Sommer, M. Boer, M. Niel, T. Cline), ApJL, 437, L43 - L46, 1994.

Gamma-Ray Bursts still a mystery, (C. Kouveliotou), Nature Scientific Correspondence, 370, 26, 1994.

BATSE results on observational properties of GRBs, (C. Kouveliotou), Ap.J. Supplement Series, 92(2), 637, 1994.

The optical and X-ray content of the 1992 May 1 GRB error box, (K. Hurley, P. Li, M. Sommer, A. Smette, C. Kouveliotou, G. Fishman, T. Cline, M. Boer, M. Niel, J. Laros, R. Klebesadel, E. Fenimore), Ap.J. Supplement Series, 92(2), 655, 1994.

Detection of a Gamma-Ray Burst of very long duration and very high-energy, (K. Hurley, B. Dingus, R. Mukherjee, P. Sreekumar, C. Kouveliotou, C. Meegan, G. Fishman, D. Band, L. Ford, D. Bertch, T. Cline, C. Fichtel, R. Hartman, S. Hunter, D. Thompson, G. Kanbach, H. Mayer-Hasselwander, C. von Montigny, M. Sommer, Y. Lin, P. Nolan, P. Michelson, D. Kniffen, J. Mattox, E. Schneid, M. Boer, M. Niel),

Nature, 372, 652-654, 1994.

The continuum spectral characteristics of gamma-ray bursts observed with BATSE (G. N. Pendleton, W. S. Paciesas, M. S. Briggs, R. S. Mallozzi, T. M. Koshut, G. J. Fishman, C. A. Meegan, R. B. Wilson, A. Harmon, and C. Kouveliotou), ApJ, 431, 416-424, 1994.

Network synthesis localization of two soft gamma repeaters (K. Hurley, M. Sommer, C. Kouveliotou, G. Fishman, C. Meegan, T. Cline, M. Boer, M. Niel), ApJ Letters, 431, 31, 1994.

10 micron detection of the hard X-ray transient GRO J0422+32: free-free emission from an X-Ray driven accretion disk wind ? (J. van Paradijs, C. Telesco, C. Kouveliotou, G. Fishman), ApJ Letters, 429, L19-L23, 1994.

Null result in Gamma-Ray Burst lensed echo search (R. J. Nemiroff, W.A.D. Wickramasinghe, J. P. Norris, C. Kouveliotou, G. J. Fishman, C. A. Meegan, W. S. Paciesas and J. Horack), ApJ, 432, 478-484, 1994.

The Optical and X-Ray content of the 1992 May 1 GRB error box(K. Hurley, P. Li, M. Sommer, A. Smette, C. Kouveliotou, G. J. Fishman, T. Cline, M. Boer, M. Niel, J. Laros, R. Klebesadel, and E. E. Fenimore), ApJ Suppl. Series, 92, 655, 1994.

Discovery of Intense Gamma-Ray Flashes of Atmospheric Origin (G. J. Fishman, P. N. Bhat, R. Mallozzi, J. M. Horack, T. Koshut, C. Kouveliotou, G. N. Pendleton, C. A. Meegan, R. B. Wilson, W. S. Paciesas, S. J. Goodman, and H. J. Christian), Science, 264, 1313, 1994.

Spectral evolution of a sub-class of GRBs (P. N. Bhat, G. J. Fishman, C. A. Meegan, R. B. Wilson, C. Kouveliotou, W.S. Paciesas, G.N. Pendleton, and B. E. Schaefer), ApJ, 426, 604, 1994.

The First BATSE Gamma-Ray Burst Catalog (G. Fishman, C. Meegan, R. Wilson, M. Brock, J. Horack, C. Kouveliotou, S. Howard, W. Paciesas, M. Briggs, G. Pendleton, T. Koshut, R. Mallozzi, M. Stollberg, and P. Lestrade), ApJ Suppl. Series, 92, 229, 1994.

The rarity of soft gamma-ray Repeaters deduced from reactivation of SGR 1806-20 (C. Kouveliotou, G. J. Fishman, W.S. Paciesas, J. van Paradijs, J.P.Norris, R.D. Preece, M.S. Briggs, J.M.Horack, G.N.Pendleton, and D.A. Green), Nature, 368, 125-127, 1994.

Detection of signature consistent with cosmological time dilation in GRBs (J.P. Norris, R.J. Nemiroff, J.D. Scargle, C. Kouveliotou, G.J.

Fishman, C.A. Meegan, W.S. Paciesas and J.T. Bonnell), ApJ, 424, 540, 1994.

Gamma-ray bursts are time-asymmetric (R. J. Nemiroff, J.P. Norris, C. Kouveliotou, G.J.Fishman, C.A.Meegan, and W.S.Paciesas), ApJ, 423, 432, 1994.

BATSE observations of the very intense Gamma-Ray Burst GRB930131, (C. Kouveliotou, R. Preece, N. Bhat, G. Fishman, C. Meegan, J. Horack, M. Briggs, W. Paciesas, G. Pendleton, D. Band, J. Matteson, D. Palmer, B. Teegarde, and J. Norris), ApJ Letters, 422, 59, 1994.

High energy Gamma Rays from the Intense January 31, 1993 GRB (M. Sommer, D. Burch, B. Dingus, C. Fichtel, G. Fishman, A. Harding, R. Hartman, S. Hunter, K. Hurley, G. Kanbach, D. Kniffen, C. Kouveliotou, Y. Lin, J. Mattox, H. Mayer-Hasselwander, P. Michelson, C. von Montigny, P. Nolan, E. Schneid, P. Sreekumar, D. Thompson), ApJ, 422, L63, 1994.

COMPTEL measurements of the Gamma-Ray Burst GRB930131 (J. Ryan, K. Bennett, W. Collmar, A. Connors, G. J. Fishman, J. Greiner, L. O. Halon, W. Hermsen, R. M. Kippen, C. Kouveliotou, L. Kuiper, G. Lichti, J. Macri, J. Mattox, M. McConnell, B. McNamara, C. Meegan, V. Schoenfelder, R. van Dijk, M. Varendorff, W. R. Webber, and C. Winkler), ApJ, 422, L67, 1994.

Rapid searches for counterparts of GRB930131 (B. E. Schaefer, S. Barthelmy, D. Palmer, T. Cline, K. Hurley, M. Sommer, M. Boer, M. Niel, G. Fishman, C. Kouveliotou, C. Meegan, M. Coe, B. Elmegreen, B. McNamara, T. Harisson, A. Owens, N. Sollee, J. Stull, M. Palermi, R. Schwartz, J. Brooks, R. Vanderspek, G. Ricker, H. Krimm, W. Wenzel, J. Greiner, R. Hudec, M. Novak, J. Borovicka, M. Predota, C. Bailyn, L. Hanlon, K. Bennett, T. Spoelstra, A. Smette, H. Pedersen, R. Florentin, C. Pollas, H. Steinle, K.-J. Schramm, K. Iyengar, T. Prabhu), ApJ Letters, 422, 71, 1994.

1993

Searching Gamma-Ray Bursts for Gravitational Lensing Echoes: Implications for Compact Dark Matter (R.J. Nemiroff, J. P. Norris, W. A. D. T. Wickramasinghe, J. M. Horack, C. kouveliotou, G. J. Fishman, C. A. Meegan, R. B. Wilson, and W. S. Paciesas), ApJ, 414, 36, 1993.

The intrinsic luminosity of GRBs and their host galaxies (E. E. Fenimore, R. I. Epstein, C. Ho, R. W. Klebesadel, C. Lacey, J. G. Laros, M. Meier, T. Strohmayer, G. Pendleton, G. Fishman, C. Kouveliotou, and C. Meegan), Nature, 366, 40, 1993.

ROSAT pointed observations of two gamma-ray burst error boxes (M. Boer, G. Pizzichini, D. Hartman, K. Hurley, C. Kouveliotou and C. Motch), A&A, 277, 503, 1993.

BATSE observations of GRB Spectra: I. Spectral Diversity (D. Band, J. Matteson, B. Schaefer, B. Teegarden, T. Cline, W. Paciesas, G. Pendleton, G. Fishman, C. Meegan, R. Wilson, P. Lestrade and C. Kouveliotou), ApJ, 413, 281, 1993.

Identification of two classes of GRBs (C. Kouveliotou, C.A. Meegan, G.J. Fishman, N.P. Bhat, M.S. Briggs, T.M. Koshut, W.S. Paciesas and G.N. Pendleton), ApJ Letters, 413, 101, 1993.

The consistency of standard cosmology and the BATSE number versus brightness relation (W.A.D.T. Wickramasinghe, R.J.Nemiroff, J.P.Norris, C. Kouveliotou, G.J.Fishman,C.A.Meegan, R.B.Wilson, W.S.Paciesas), ApJ Letters, 411, 55, 1993.

Recurrent burst activity from the Soft Gamma-ray Repeater SGR1900+14. (C. Kouveliotou, G.J. Fishman, C.A. Meegan, W.S. Paciesas, R.B. Wilson, J. van Paradijs, R.D. Preece, M.S. Briggs, G.N. Pendleton, T.M. Koshut and J.M Horack), Nature, 362, 728 - 730, 1993.

Gamma-ray Burst color-color diagrams (C. Kouveliotou, W. S. Paciesas, G. J. Fishman, C. A. Meegan, R. B. Wilson), A&A Suppl. Series, 97, 55, 1993.

Overview of observations from BATSE on the Compton Observatory (G.J. Fishman, C.A. Meegan, R.B. Wilson, W.S. Paciesas, G.N. Pendleton, B.A. Harmon, J.M. Horack, M.N. Brock, C. Kouveliotou and M. Finger), A&A Suppl. Ser., 97, 17-20, 1993.

Ulysses precise localizations of GRBs, (K. Hurley, M. Sommer, M. Boer, M. Niel, J. Laros, E. Fenimore, R. Klebesadel, G. Fishman, C. Kouveliotou, C. Meegan, W. Paciesas, R. Wilson, T. Cline), A&A Suppl. Ser., 97, 39-41, 1993.

1992

Spatial distribution of gamma-ray bursts observed with BATSE,(C.A. Meegan, G.J. Fishman, R.B. Wilson, W.S. Paciesas, G.N. Pendleton, J.M. Horack, M.N. Brock, C. Kouveliotou), Nature, Vol. 355, 143 - 145, 1992.

Search for soft gamma repeaters in the SMM/HXRBS data (C. Kouveliotou, J.P. Norris, K.S. Wood, T.L. Cline, B. Dennis, U.D. Desai and L.E. Orwig), ApJ, 392, 1992

