

ALESSANDRA CORSI, Ph.D.

List of Publications

Bibliography

- Co-authored more than 270 peer-reviewed journal articles.
- h-index: 86 (as of 9/2021).

Publication record as returned by NASA/ADS or Google Scholar can be accessed via the following links*:

- [Link to NASA ADS list of refereed papers](#)
- [Link to Google Scholar entry](#)

*These links select also some papers from another A. Corsi. They are not about astronomy so they are easy to identify.

Complete list of short-authorlist refereed publications (published and accepted)

- [1] Arvind Balasubramanian, Alessandra Corsi, Kunal P. Mooley, Murray Brightman, Gregg Hallinan, Kenta Hotokezaka, David L. Kaplan, Davide Lazzati, and Eric J. Murphy. Continued Radio Observations of GW170817 3.5 yr Post-merger. *Astrophysical Journal Letters*, 914(1):L20, June 2021.
- [2] Alessandra Corsi and Davide Lazzati. Gamma-ray burst jets in supernovae. *New Astronomy Reviews*, 92:101614, June 2021.
- [3] D. Bhakta, K. P. Mooley, A. Corsi, A. Balasubramanian, D. Dobie, D. A. Frail, G. Hallinan, D. L. Kaplan, S. T. Myers, and L. P. Singer. The JAGWAR Prowls LIGO/Virgo O3 Paper I: Radio Search of a Possible Multimessenger Counterpart of the Binary Black Hole Merger Candidate S191216ap. *Astrophysical Journal*, 911(2):77, April 2021.
- [4] N. T. Palliyaguru, A. Corsi, M. Pérez-Torres, E. Varenus, and H. Van Eerten. VLBI Observations of Supernova PTF11qcj: Direct Constraints on the Size of the Radio Ejecta. *Astrophysical Journal*, 910(1):16, March 2021.
- [5] Nipuni T. Palliyaguru, Devansh Agarwal, Golnoosh Golpayegani, Ryan Lynch, Duncan R. Lorimer, Benjamin Nguyen, Alessandra Corsi, and Sarah Burke-Spolaor. A targeted search for repeating fast radio bursts associated with gamma-ray bursts. *Monthly Notices of the RAS*, 501(1):541–547, February 2021.
- [6] C. Grandorf, J. McCarty, P. Rajkumar, H. Harbin, K. H. Lee, A. Corsi, I. Bartos, Z. Márka, A. Balasubramanian, and S. Márka. Search for Radio Remnants of Nearby Off-axis Gamma-Ray Bursts in a Sample of Swift/BAT Events. *Astrophysical Journal*, 908(1):63, February 2021.
- [7] R. Ricci, E. Troja, G. Bruni, T. Matsumoto, L. Piro, B. O’Connor, T. Piran, N. Navaieelavasani, A. Corsi, B. Giacomazzo, and M. H. Wieringa. Searching for the radio remnants of short-duration gamma-ray bursts. *Monthly Notices of the RAS*, 500(2):1708–1720, January 2021.
- [8] Mansi M. Kasliwal, Shreya Anand, Tomás Ahumada, Robert Stein, Ana Sagués Carracedo, Igor Andreoni, Michael W. Coughlin, Leo P. Singer, Erik C. Kool, Kishalay De, Harsh Kumar, Mouza AlMualla, Yuhan Yao, Mattia Bulla, Dougal Dobie, Simeon Reusch, Daniel A. Perley, S. Bradley Cenko, Varun Bhlerao, David L. Kaplan, Jesper Sollerman, Ariel Goobar, Christopher M. Copperwheat, Eric C. Bellm, G. C. Anupama, Alessandra Corsi, Samaya Nissanke, Iván Agudo, Ashot Bagdasaryan, Sudhanshu Barway, Justin Belicki, Joshua S. Bloom, Bryce Bolin, David A. H. Buckley, Kevin B. Burdge, Rick Burruss, Maria D. Caballero-García, Chris Cannella, Alberto J. Castro-Tirado, David O. Cook, Jeff Cooke, Virginia Cunningham, Aishwarya Dahiwalé, Kunal Deshmukh,

- Simone Dichiara, Dmitry A. Duev, Anirban Dutta, Michael Feeney, Anna Franckowiak, Sara Frederick, Christoffer Fremling, Avishay Gal-Yam, Pradip Gatkine, Shaon Ghosh, Daniel A. Goldstein, V. Zach Golkhou, Matthew J. Graham, Melissa L. Graham, Matthew J. Hankins, George Helou, Youdong Hu, Wing-Huen Ip, Amruta Jaodand, Viraj Karambelkar, Albert K. H. Kong, Marek Kowalski, Maitreya Khandagale, S. R. Kulkarni, Brajesh Kumar, Russ R. Laher, K. L. Li, Ashish Mahabal, Frank J. Masci, Adam A. Miller, Moses Mogotsi, Siddharth Mohite, Kunal Mooley, Przemek Mroz, Jeffrey A. Newman, Chow-Choong Ngeow, Samantha R. Oates, Atharva Sunil Patil, Shashi B. Pandey, M. Pavana, Elena Pian, Reed Riddle, Rubén Sánchez-Ramírez, Yashvi Sharma, Avinash Singh, Roger Smith, Maayane T. Soumagnac, Kirsty Taggart, Hanjie Tan, Anastasios Tzanidakis, Eleonora Troja, Azamat F. Valeev, Richard Walters, Gaurav Waratkar, Sara Webb, Po-Chieh Yu, Bin-Bin Zhang, Rongpu Zhou, and Jeffry Zolkower. Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. *Astrophysical Journal*, 905(2):145, December 2020.
- [9] Virginia Cunningham, S. Bradley Cenko, Geoffrey Ryan, Stuart N. Vogel, Alessandra Corsi, Antonino Cucchiara, Andrew S. Fruchter, Assaf Horesh, Tuomas Kangas, Daniel Kocevski, Daniel A. Perley, and Judith Racusin. GRB 160625B: Evidence for a Gaussian-shaped Jet. *Astrophysical Journal*, 904(2):166, December 2020.
- [10] Anna Y. Q. Ho, S. R. Kulkarni, Daniel A. Perley, S. Bradley Cenko, Alessandra Corsi, Steve Schulze, Ragnhild Lunnan, Jesper Sollerman, Avishay Gal-Yam, Shreya Anand, Cristina Barbarino, Eric C. Bellm, Rachel J. Bruch, Eric Burns, Kishalay De, Richard Dekany, Alexandre Delacroix, Dmitry A. Duev, Dmitry D. Frederiks, Christoffer Fremling, Daniel A. Goldstein, V. Zach Golkhou, Matthew J. Graham, David Hale, Mansi M. Kasliwal, Thomas Kupfer, Russ R. Laher, Julia Martikainen, Frank J. Masci, James D. Neill, Anna Ridnaia, Ben Rusholme, Volodymyr Savchenko, David L. Shupe, Maayane T. Soumagnac, Nora L. Strotjohann, Dmitry S. Svinkin, Kirsty Taggart, Leonardo Tartaglia, Lin Yan, and Jeffry Zolkower. SN 2020bvc: A Broad-line Type Ic Supernova with a Double-peaked Optical Light Curve and a Luminous X-Ray and Radio Counterpart. *Astrophysical Journal*, 902(1):86, October 2020.
- [11] Tuomas Kangas, Andrew S. Fruchter, S. Bradley Cenko, Alessandra Corsi, Antonio de Ugarte Postigo, Asaf Pe'er, Stuart N. Vogel, Antonino Cucchiara, Benjamin Gompertz, John Graham, Andrew Levan, Kuntal Misra, Daniel A. Perley, Judith Racusin, and Nial Tanvir. The Late-time Afterglow Evolution of Long Gamma-Ray Bursts GRB 160625B and GRB 160509A. *Astrophysical Journal*, 894(1):43, May 2020.
- [12] Anna Y. Q. Ho, Alessandra Corsi, S. Bradley Cenko, Francesco Taddia, S. R. Kulkarni, Scott Adams, Kishalay De, Richard Dekany, Dmitry D. Frederiks, Christoffer Fremling, V. Zach Golkhou, Matthew J. Graham, Tiara Hung, Thomas Kupfer, Russ R. Laher, Ashish Mahabal, Frank J. Masci, Adam A. Miller, James D. Neill, Daniel Reiley, Reed Riddle, Anna Ridnaia, Ben Rusholme, Yashvi Sharma, Jesper Sollerman, Maayane T. Soumagnac, Dmitry S. Svinkin, and David L. Shupe. The Broad-lined Ic Supernova ZTF18aaqjovh (SN 2018bvw): An Optically Discovered Engine-driven Supernova Candidate with Luminous Radio Emission. *Astrophysical Journal*, 893(2):132, April 2020.
- [13] Dario Carbone and Alessandra Corsi. An Optimized Radio Follow-up Strategy for Stripped-envelope Core-collapse Supernovae. *Astrophysical Journal*, 889(1):36, January 2020.
- [14] Eric Sowell, Alessandra Corsi, and Robert Coyne. Multiwaveform cross-correlation search method for intermediate-duration gravitational waves from gamma-ray bursts. *Physical Review D*, 100(12):124041, December 2019.
- [15] Dougal Dobie, Adam Stewart, Tara Murphy, Emil Lenc, Ziteng Wang, David L. Kaplan, Igor Andreoni, Julie Banfield, Ian Brown, Alessandra Corsi, Kishalay De, Daniel A. Goldstein, Gregg Hallinan, Aidan Hotan, Kenta Hotokezaka, Amruta D. Jaodand, Viraj Karambelkar, Mansi M. Kasliwal,

- David McConnell, Kunal Mooley, Vanessa A. Moss, Jeffrey A. Newman, Daniel A. Perley, Abhishek Prakash, Joshua Pritchard, Elaine M. Sadler, Yashvi Sharma, Charlotte Ward, Matthew Whiting, and Rongpu Zhou. An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star-Black Hole Merger LIGO/Virgo S190814bv. *Astrophysical Journal Letters*, 887(1):L13, December 2019.
- [16] Anna Y. Q. Ho, Daniel A. Goldstein, Steve Schulze, David K. Khatami, Daniel A. Perley, Mattias Ergon, Avishay Gal-Yam, Alessandra Corsi, Igor Andreoni, Cristina Barbarino, Eric C. Bellm, Nadia Blagorodnova, Joe S. Bright, E. Burns, S. Bradley Cenko, Virginia Cunningham, Kishalay De, Richard Dekany, Alison Dugas, Rob P. Fender, Claes Fransson, Christoffer Fremling, Adam Goldstein, Matthew J. Graham, David Hale, Assaf Horesh, Tiara Hung, Mansi M. Kasliwal, N. Paul M. Kuin, S. R. Kulkarni, Thomas Kupfer, Ragnhild Lunnan, Frank J. Masci, Chow-Choong Ngeow, Peter E. Nugent, Eran O. Ofek, Maria T. Patterson, Glen Petitpas, Ben Rusholme, Hanna Sai, Itai Sfaradi, David L. Shupe, Jesper Sollerman, Maayane T. Soumagnac, Yutaro Tachibana, Francesco Taddia, Richard Walters, Xiaofeng Wang, Yuhan Yao, and Xinhao Zhang. Evidence for Late-stage Eruptive Mass Loss in the Progenitor to SN2018gep, a Broad-lined Ic Supernova: Pre-explosion Emission and a Rapidly Rising Luminous Transient. *Astrophysical Journal*, 887(2):169, December 2019.
- [17] Kyle Artkop, Rachel Smith, Alessandra Corsi, Simona Giacintucci, Wendy M. Peters, Rosalba Perna, S. Bradley Cenko, and Tracy E. Clarke. Radio Follow-up of a Candidate γ -Ray Transient in the Sky Localization Area of GW170608. *Astrophysical Journal*, 884(1):16, October 2019.
- [18] G. P. Lamb, N. R. Tanvir, A. J. Levan, A. de Ugarte Postigo, K. Kawaguchi, A. Corsi, P. A. Evans, B. Gompertz, D. B. Malesani, K. L. Page, K. Wiersema, S. Rosswog, M. Shibata, M. Tanaka, A. J. van der Horst, Z. Cano, J. P. U. Fynbo, A. S. Fruchter, J. Greiner, K. E. Heintz, A. Higgins, J. Hjorth, L. Izzo, P. Jakobsson, D. A. Kann, P. T. O’Brien, D. A. Perley, E. Pian, G. Pugliese, R. L. C. Starling, C. C. Thöne, D. Watson, R. A. M. J. Wijers, and D. Xu. Short GRB 160821B: A Reverse Shock, a Refreshed Shock, and a Well-sampled Kilonova. *Astrophysical Journal*, 883(1):48, September 2019.
- [19] M. J. Lundquist, K. Paterson, W. Fong, D. J. Sand, J. E. Andrews, I. Shivaeei, P. N. Daly, S. Valenti, S. Yang, E. Christensen, A. R. Gibbs, F. Shelly, S. Wyatt, O. Eskandari, O. Kuhn, R. C. Amaro, I. Arcavi, P. Behroozi, N. Butler, L. Chomiuk, A. Corsi, M. R. Drout, E. Egami, X. Fan, R. J. Foley, B. Frye, P. Gabor, E. M. Green, C. J. Grier, F. Guzman, E. Hamden, D. A. Howell, B. T. Jannuzi, P. Kelly, P. Milne, M. Moe, A. Nugent, E. Olszewski, E. Palazzi, V. Paschalidis, D. Psaltis, D. Reichart, A. Rest, A. Rossi, G. Schroeder, P. S. Smith, N. Smith, K. Spekkens, J. Strader, D. P. Stark, D. Trilling, C. Veillet, M. Wagner, B. Weiner, J. C. Wheeler, G. G. Williams, and A. Zabludoff. Searches after Gravitational Waves Using ARizona Observatories (SAGUARO): System Overview and First Results from Advanced LIGO/Virgo’s Third Observing Run. *Astrophysical Journal Letters*, 881(2):L26, August 2019.
- [20] I. Bartos, K. H. Lee, A. Corsi, Z. Márka, and S. Márka. Radio forensics could unmask nearby off-axis gamma-ray bursts. *Monthly Notices of the RAS*, 485(3):4150–4159, May 2019.
- [21] Sheng Yang, David J. Sand, Stefano Valenti, Enrico Cappellaro, Leonardo Tartaglia, Samuel Wyatt, Alessandra Corsi, Daniel E. Reichart, Joshua Haislip, Vladimir Kouprianov, and (DLT40 Collaboration). Optical Follow-up of Gravitational-wave Events during the Second Advanced LIGO/VIRGO Observing Run with the DLT40 Survey. *Astrophysical Journal*, 875(1):59, April 2019.
- [22] Nipuni T. Palliyaguru, Alessandra Corsi, Dale A. Frail, Jozsef Vinkó, J. Craig Wheeler, Avishay Gal-Yam, S. Bradley Cenko, Shrinivas R. Kulkarni, and Mansi M. Kasliwal. The Double-peaked Radio Light Curve of Supernova PTF11qej. *Astrophysical Journal*, 872(2):201, February 2019.

- [23] A. Corsi, D. A. Frail, D. Lazzati, D. Carbone, E. J. Murphy, B. J. Owen, D. J. Sand, and R. O’Shaughnessy. Compact Binary Mergers as Traced by Gravitational Waves. In Eric Murphy, editor, *Science with a Next Generation Very Large Array*, volume 517 of *Astronomical Society of the Pacific Conference Series*, page 689, December 2018.
- [24] K. P. Mooley, D. A. Frail, D. Dobie, E. Lenc, A. Corsi, K. De, A. J. Nayana, S. Makhathini, I. Heywood, T. Murphy, D. L. Kaplan, P. Chandra, O. Smirnov, E. Nakar, G. Hallinan, F. Camilo, R. Fender, S. Goedhart, P. Groot, M. M. Kasliwal, S. R. Kulkarni, and P. A. Woudt. A Strong Jet Signature in the Late-time Light Curve of GW170817. *Astrophysical Journal Letters*, 868(1):L11, November 2018.
- [25] Dario Carbone and Alessandra Corsi. Optimized Radio Follow-up of Binary Neutron-star Mergers. *Astrophysical Journal*, 867(2):135, November 2018.
- [26] L. E. Rivera Sandoval, T. J. Maccarone, A. Corsi, P. J. Brown, D. Pooley, and J. C. Wheeler. X-ray Swift observations of SN 2018cow. *Monthly Notices of the RAS*, 480(1):L146–L150, October 2018.
- [27] K. P. Mooley, A. T. Deller, O. Gottlieb, E. Nakar, G. Hallinan, S. Bourke, D. A. Frail, A. Horesh, A. Corsi, and K. Hotokezaka. Superluminal motion of a relativistic jet in the neutron-star merger GW170817. *Nature*, 561(7723):355–359, September 2018.
- [28] Rosalba Perna, Martyna Chruslinska, Alessandra Corsi, and Krzysztof Belczynski. Binary black hole mergers within the LIGO horizon: statistical properties and prospects for detecting electromagnetic counterparts. *Monthly Notices of the RAS*, 477(3):4228–4240, July 2018.
- [29] Alessandra Corsi, Gregg W. Hallinan, Davide Lazzati, Kunal P. Mooley, Eric J. Murphy, Dale A. Frail, Dario Carbone, David L. Kaplan, Tara Murphy, Shrinivas R. Kulkarni, and Kenta Hotokezaka. An Upper Limit on the Linear Polarization Fraction of the GW170817 Radio Continuum. *Astrophysical Journal Letters*, 861(1):L10, July 2018.
- [30] Annalisa De Cia, A. Gal-Yam, A. Rubin, G. Leloudas, P. Vreeswijk, D. A. Perley, R. Quimby, Lin Yan, M. Sullivan, A. Flörs, J. Sollerman, D. Bersier, S. B. Cenko, M. Gal-Yam, K. Maguire, E. O. Ofek, S. Prentice, S. Schulze, J. Spyromilio, S. Valenti, I. Arcavi, A. Corsi, D. A. Howell, P. Mazzali, M. M. Kasliwal, F. Taddia, and O. Yaron. Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. *Astrophysical Journal*, 860(2):100, June 2018.
- [31] Dougal Dobie, David L. Kaplan, Tara Murphy, Emil Lenc, Kunal P. Mooley, Christene Lynch, Alessandra Corsi, Dale Frail, Mansi Kasliwal, and Gregg Hallinan. A Turnover in the Radio Light Curve of GW170817. *Astrophysical Journal Letters*, 858(2):L15, May 2018.
- [32] K. P. Mooley, E. Nakar, K. Hotokezaka, G. Hallinan, A. Corsi, D. A. Frail, A. Horesh, T. Murphy, E. Lenc, D. L. Kaplan, K. de, D. Dobie, P. Chand ra, A. Deller, O. Gottlieb, M. M. Kasliwal, S. R. Kulkarni, S. T. Myers, S. Nissanke, T. Piran, C. Lynch, V. Bhalerao, S. Bourke, K. W. Bannister, and L. P. Singer. A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. *Nature*, 554(7691):207–210, February 2018.
- [33] G. Hallinan, A. Corsi, K. P. Mooley, K. Hotokezaka, E. Nakar, M. M. Kasliwal, D. L. Kaplan, D. A. Frail, S. T. Myers, T. Murphy, K. De, D. Dobie, J. R. Allison, K. W. Bannister, V. Bhalerao, P. Chandra, T. E. Clarke, S. Giacintucci, A. Y. Q. Ho, A. Horesh, N. E. Kassim, S. R. Kulkarni, E. Lenc, F. J. Lockman, C. Lynch, D. Nichols, S. Nissanke, N. Palliyaguru, W. M. Peters, T. Piran, J. Rana, E. M. Sadler, and L. P. Singer. A radio counterpart to a neutron star merger. *Science*, 358(6370):1579–1583, December 2017.
- [34] M. M. Kasliwal, E. Nakar, L. P. Singer, D. L. Kaplan, D. O. Cook, A. Van Sistine, R. M. Lau, C. Fremling, O. Gottlieb, J. E. Jencson, S. M. Adams, U. Feindt, K. Hotokezaka, S. Ghosh, D. A. Perley, P. C. Yu, T. Piran, J. R. Allison, G. C. Anupama, A. Balasubramanian, K. W. Bannister, J. Bally, J. Barnes, S. Barway, E. Bellm, V. Bhalerao, D. Bhattacharya, N. Blagorodnova, J. S.

- Bloom, P. R. Brady, C. Cannella, D. Chatterjee, S. B. Cenko, B. E. Cobb, C. Copperwheat, A. Corsi, K. De, D. Dobie, S. W. K. Emery, P. A. Evans, O. D. Fox, D. A. Frail, C. Frohmaier, A. Goobar, G. Hallinan, F. Harrison, G. Helou, T. Hinderer, A. Y. Q. Ho, A. Horesh, W. H. Ip, R. Itoh, D. Kasen, H. Kim, N. P. M. Kuin, T. Kupfer, C. Lynch, K. Madsen, P. A. Mazzali, A. A. Miller, K. Mooley, T. Murphy, C. C. Ngeow, D. Nichols, S. Nissanke, P. Nugent, E. O. Ofek, H. Qi, R. M. Quimby, S. Rosswog, F. Rusu, E. M. Sadler, P. Schmidt, J. Sollerman, I. Steele, A. R. Williamson, Y. Xu, L. Yan, Y. Yatsu, C. Zhang, and W. Zhao. Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. *Science*, 358(6370):1559–1565, December 2017.
- [35] Sheng Yang, Stefano Valenti, Enrico Cappellaro, David J. Sand, Leonardo Tartaglia, Alessandra Corsi, Daniel E. Reichart, Joshua Haislip, and Vladimir Koupryanov. An Empirical Limit on the Kilonova Rate from the DLT40 One Day Cadence Supernova Survey. *Astrophysical Journal Letters*, 851(2):L48, December 2017.
- [36] L. Whitesides, R. Lunnan, M. M. Kasliwal, D. A. Perley, A. Corsi, S. B. Cenko, N. Blagorodnova, Y. Cao, D. O. Cook, G. B. Doran, D. D. Frederiks, C. Fremling, K. Hurley, E. Karamehmetoglu, S. R. Kulkarni, G. Leloudas, F. Masci, P. E. Nugent, A. Ritter, A. Rubin, V. Savchenko, J. Sollerman, D. S. Svinkin, F. Taddia, P. Vreeswijk, and P. Woźniak. iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. *Astrophysical Journal*, 851(2):107, December 2017.
- [37] Stefano Valenti, David J. Sand, Sheng Yang, Enrico Cappellaro, Leonardo Tartaglia, Alessandra Corsi, Saurabh W. Jha, Daniel E. Reichart, Joshua Haislip, and Vladimir Koupryanov. The Discovery of the Electromagnetic Counterpart of GW170817: Kilonova AT 2017gfo/DLT17ck. *Astrophysical Journal Letters*, 848(2):L24, October 2017.
- [38] A. Corsi, S. B. Cenko, M. M. Kasliwal, R. Quimby, S. R. Kulkarni, D. A. Frail, A. M. Goldstein, N. Blagorodnova, V. Connaughton, D. A. Perley, L. P. Singer, C. M. Copperwheat, C. Fremling, T. Kupfer, A. S. Piascik, I. A. Steele, F. Taddia, H. Vedantham, A. Kutyrev, N. T. Palliyaguru, O. Roberts, J. Sollerman, E. Troja, and S. Veilleux. iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. *Astrophysical Journal*, 847(1):54, September 2017.
- [39] V. Bhallerao, M. M. Kasliwal, D. Bhattacharya, A. Corsi, E. Aarthy, S. M. Adams, N. Blagorodnova, T. Cantwell, S. B. Cenko, R. Fender, D. Frail, R. Itoh, J. Jencson, N. Kawai, A. K. H. Kong, T. Kupfer, A. Kutyrev, J. Mao, S. Mate, N. P. S. Mithun, K. Mooley, D. A. Perley, Y. C. Perrott, R. M. Quimby, A. R. Rao, L. P. Singer, V. Sharma, D. J. Titterton, E. Troja, S. V. Vadawale, A. Vibhute, H. Vedantham, and S. Veilleux. A Tale of Two Transients: GW 170104 and GRB 170105A. *Astrophysical Journal*, 845(2):152, August 2017.
- [40] Griffin Hosseinzadeh, Iair Arcavi, Stefano Valenti, Curtis McCully, D. Andrew Howell, Joel Johansson, Jesper Sollerman, Andrea Pastorello, Stefano Benetti, Yi Cao, S. Bradley Cenko, Kelsey I. Clubb, Alessandra Corsi, Gina Duggan, Nancy Elias-Rosa, Alexei V. Filippenko, Ori D. Fox, Christoffer Fremling, Assaf Horesh, Emir Karamehmetoglu, Mansi Kasliwal, G. H. Marion, Eran Ofek, David Sand, Francesco Taddia, WeiKang Zheng, Morgan Fraser, Avishay Gal-Yam, Cosimo Inserra, Russ Laher, Frank Masci, Umaa Rebbapragada, Stephen Smartt, Ken W. Smith, Mark Sullivan, Jason Surace, and Przemek Woźniak. Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. *Astrophysical Journal*, 836(2):158, February 2017.
- [41] A. Corsi, A. Gal-Yam, S. R. Kulkarni, D. A. Frail, P. A. Mazzali, S. B. Cenko, M. M. Kasliwal, Y. Cao, A. Horesh, N. Palliyaguru, D. A. Perley, R. R. Laher, F. Taddia, G. Leloudas, K. Maguire, P. E. Nugent, J. Sollerman, and M. Sullivan. Radio Observations of a Sample of Broad-line Type IC Supernovae Discovered by PTF/IPTF: A Search for Relativistic Explosions. *Astrophysical Journal*, 830(1):42, October 2016.
- [42] N. T. Palliyaguru, A. Corsi, M. M. Kasliwal, S. B. Cenko, D. A. Frail, D. A. Perley, N. Mishra, L. P. Singer, A. Gal-Yam, P. E. Nugent, and J. A. Surace. Radio Follow-up of Gravitational-wave Triggers during Advanced LIGO O1. *Astrophysical Journal Letters*, 829(2):L28, October 2016.

- [43] F. Taddia, C. Fremling, J. Sollerman, A. Corsi, A. Gal-Yam, E. Karamahmetoglu, R. Lunnan, B. Bue, M. Ergon, M. Kasliwal, P. M. Vreeswijk, and P. R. Wozniak. iPTF15dtg: a double-peaked Type Ic supernova from a massive progenitor. *Astronomy and Astrophysics*, 592:A89, August 2016.
- [44] M. M. Kasliwal, S. B. Cenko, L. P. Singer, A. Corsi, Y. Cao, T. Barlow, V. Bhalerao, E. Bellm, D. Cook, G. E. Duggan, R. Ferretti, D. A. Frail, A. Horesh, R. Kendrick, S. R. Kulkarni, R. Lunnan, N. Palliyaguru, R. Laher, F. Masci, I. Manulis, A. A. Miller, P. E. Nugent, D. Perley, T. A. Prince, R. M. Quimby, J. Rana, U. Rebbapragada, B. Sesar, A. Singhal, J. Surace, and A. Van Sistine. iPTF Search for an Optical Counterpart to Gravitational-wave Transient GW150914. *Astrophysical Journal Letters*, 824(2):L24, June 2016.
- [45] Robert Coyne, Alessandra Corsi, and Benjamin J. Owen. Cross-correlation method for intermediate-duration gravitational wave searches associated with gamma-ray bursts. *Physical Review D*, 93(10):104059, May 2016.
- [46] S. J. Prentice, P. A. Mazzali, E. Pian, A. Gal-Yam, S. R. Kulkarni, A. Rubin, A. Corsi, C. Fremling, J. Sollerman, O. Yaron, I. Arcavi, W. Zheng, M. M. Kasliwal, A. V. Filippenko, S. B. Cenko, Y. Cao, and P. E. Nugent. The bolometric light curves and physical parameters of stripped-envelope supernovae. *Monthly Notices of the RAS*, 458(3):2973–3002, May 2016.
- [47] V. L. Toy, S. B. Cenko, J. M. Silverman, N. R. Butler, A. Cucchiara, A. M. Watson, D. Bersier, D. A. Perley, R. Margutti, E. Bellm, J. S. Bloom, Y. Cao, J. I. Capone, K. Clubb, A. Corsi, A. De Cia, J. A. de Diego, A. V. Filippenko, O. D. Fox, A. Gal-Yam, N. Gehrels, L. Georgiev, J. J. González, M. M. Kasliwal, P. L. Kelly, S. R. Kulkarni, A. S. Kutyrev, W. H. Lee, J. X. Prochaska, E. Ramirez-Ruiz, M. G. Richer, C. Román-Zúñiga, L. Singer, D. Stern, E. Troja, and S. Veilleux. Optical and Near-infrared Observations of SN 2013dx Associated with GRB 130702A. *Astrophysical Journal*, 818(1):79, February 2016.
- [48] A. Cucchiara, P. Veres, A. Corsi, S. B. Cenko, D. A. Perley, A. Lien, F. E. Marshall, C. Pagani, V. L. Toy, J. I. Capone, D. A. Frail, A. Horesh, M. Modjaz, N. R. Butler, O. M. Littlejohns, A. M. Watson, A. S. Kutyrev, W. H. Lee, M. G. Richer, C. R. Klein, O. D. Fox, J. X. Prochaska, J. S. Bloom, E. Troja, E. Ramirez-Ruiz, J. A. de Diego, L. Georgiev, J. González, C. G. Román-Zúñiga, N. Gehrels, and H. Moseley. Happy Birthday Swift: Ultra-long GRB 141121A and Its Broadband Afterglow. *Astrophysical Journal*, 812(2):122, October 2015.
- [49] Péter Veres, Alessandra Corsi, Dale A. Frail, S. Bradley Cenko, and Daniel A. Perley. Early-time VLA Observations and Broadband Afterglow Analysis of the Fermi/LAT Detected GRB 130907A. *Astrophysical Journal*, 810(1):31, September 2015.
- [50] Leo P. Singer, Mansi M. Kasliwal, S. Bradley Cenko, Daniel A. Perley, Gemma E. Anderson, G. C. Anupama, Iair Arcavi, Varun Bhalerao, Brian D. Bue, Yi Cao, Valerie Connaughton, Alessandra Corsi, Antonino Cucchiara, Rob P. Fender, Derek B. Fox, Neil Gehrels, Adam Goldstein, J. Gorosabel, Assaf Horesh, Kevin Hurley, Joel Johansson, D. A. Kann, Chryssa Kouveliotou, Kuiyun Huang, S. R. Kulkarni, Frank Masci, Peter Nugent, Arne Rau, Umaa D. Rebbapragada, Tim D. Staley, Dmitry Svinkin, C. C. Thöne, A. de Ugarte Postigo, Yuji Urata, and Alan Weinstein. The Needle in the 100 deg² Haystack: Uncovering Afterglows of Fermi GRBs with the Palomar Transient Factory. *Astrophysical Journal*, 806(1):52, June 2015.
- [51] S. Bradley Cenko, Alex L. Urban, Daniel A. Perley, Assaf Horesh, Alessandra Corsi, Derek B. Fox, Yi Cao, Mansi M. Kasliwal, Amy Lien, Iair Arcavi, Joshua S. Bloom, Nat R. Butler, Antonino Cucchiara, José A. de Diego, Alexei V. Filippenko, Avishay Gal-Yam, Neil Gehrels, Leonid Georgiev, J. Jesús González, John F. Graham, Jochen Greiner, D. Alexander Kann, Christopher R. Klein, Fabian Knust, S. R. Kulkarni, Alexander Kutyrev, Russ Laher, William H. Lee, Peter E. Nugent, J. Xavier Prochaska, Enrico Ramirez-Ruiz, Michael G. Richer, Adam Rubin, Yuji Urata, Karla Varela, Alan M. Watson, and Przemek R. Wozniak. iPTF14yb: The First Discovery of a Gamma-Ray

- Burst Afterglow Independent of a High-energy Trigger. *Astrophysical Journal Letters*, 803(2):L24, April 2015.
- [52] Adam N. Morgan, Daniel A. Perley, S. Bradley Cenko, Joshua S. Bloom, Antonino Cucchiara, Joseph W. Richards, Alexei V. Filippenko, Joshua B. Haislip, Aaron LaCluyze, Alessandra Corsi, Andrea Melandri, Bethany E. Cobb, Andreja Gomboc, Assaf Horesh, Berian James, Weidong Li, Carole G. Mundell, Daniel E. Reichart, and Iain Steele. Evidence for dust destruction from the early-time colour change of GRB 120119A. *Monthly Notices of the RAS*, 440(2):1810–1823, May 2014.
- [53] A. Corsi, E. O. Ofek, A. Gal-Yam, D. A. Frail, S. R. Kulkarni, D. B. Fox, M. M. Kasliwal, M. Sullivan, A. Horesh, J. Carpenter, K. Maguire, I. Arcavi, S. B. Cenko, Y. Cao, K. Mooley, Y. C. Pan, B. Sesar, A. Sternberg, D. Xu, D. Bersier, P. James, J. S. Bloom, and P. E. Nugent. A Multi-wavelength Investigation of the Radio-loud Supernova PTF11qcj and its Circumstellar Environment. *Astrophysical Journal*, 782(1):42, February 2014.
- [54] D. A. Perley, S. B. Cenko, A. Corsi, N. R. Tanvir, A. J. Levan, D. A. Kann, E. Sonbas, K. Wiersema, W. Zheng, X. H. Zhao, J. M. Bai, M. Bremer, A. J. Castro-Tirado, L. Chang, K. I. Clubb, D. Frail, A. Fruchter, E. Göğüş, J. Greiner, T. Güver, A. Horesh, A. V. Filippenko, S. Klose, J. Mao, A. N. Morgan, A. S. Pozanenko, S. Schmidl, B. Stecklum, M. Tanga, A. A. Volnova, A. E. Volvach, J. G. Wang, J. M. Winters, and Y. X. Xin. The Afterglow of GRB 130427A from 1 to 10^{16} GHz. *Astrophysical Journal*, 781(1):37, January 2014.
- [55] Assaf Horesh, Shrinivas R. Kulkarni, Alessandra Corsi, Dale A. Frail, S. Bradley Cenko, Sagi Ben-Ami, Avishay Gal-Yam, Ofer Yaron, Iair Arcavi, Mansi M. Kasliwal, and Eran O. Ofek. PTF 12gzk—A Rapidly Declining, High-velocity Type Ic Radio Supernova. *Astrophysical Journal*, 778(1):63, November 2013.
- [56] Shin’ichiro Ando, Bruny Baret, Imre Bartos, Boutayeb Bouhou, Eric Chassande-Mottin, Alessandra Corsi, Irene Di Palma, Alexander Dietz, Corinne Donzaud, David Eichler, Chad Finley, Dafne Guetta, Francis Halzen, Gareth Jones, Shivraj Kandhasamy, Kei Kotake, Antoine Kouchner, Vuk Mandic, Szabolcs Márka, Zsuzsa Márka, Luciano Moscoso, Maria Alessandra Papa, Tsvi Piran, Thierry Pradier, Gustavo E. Romero, Patrick Sutton, Eric Thrane, Véronique Van Elewyck, and Eli Waxman. Colloquium: Multimessenger astronomy with gravitational waves and high-energy neutrinos. *Reviews of Modern Physics*, 85(4):1401–1420, October 2013.
- [57] Leo P. Singer, S. Bradley Cenko, Mansi M. Kasliwal, Daniel A. Perley, Eran O. Ofek, Duncan A. Brown, Peter E. Nugent, S. R. Kulkarni, Alessandra Corsi, Dale A. Frail, Eric Bellm, John Mulchaey, Iair Arcavi, Tom Barlow, Joshua S. Bloom, Yi Cao, Neil Gehrels, Assaf Horesh, Frank J. Masci, Julie McEnery, Arne Rau, Jason A. Surace, and Ofer Yaron. Discovery and Redshift of an Optical Afterglow in 71 deg²: iPTF13bxl and GRB 130702A. *Astrophysical Journal Letters*, 776(2):L34, October 2013.
- [58] Paolo A. Mazzali, Emma S. Walker, Elena Pian, Masaomi Tanaka, Alessandra Corsi, Takashi Hattori, and Avishay Gal-Yam. The very energetic, broad-lined Type Ic supernova 2010ah (PTF10bzf) in the context of GRB/SNe. *Monthly Notices of the RAS*, 432(3):2463–2473, July 2013.
- [59] S. Bradley Cenko, S. R. Kulkarni, Assaf Horesh, Alessandra Corsi, Derek B. Fox, John Carpenter, Dale A. Frail, Peter E. Nugent, Daniel A. Perley, D. Gruber, Avishay Gal-Yam, Paul J. Groot, G. Hallinan, Eran O. Ofek, Arne Rau, Chelsea L. MacLeod, Adam A. Miller, Joshua S. Bloom, Alexei V. Filippenko, Mansi M. Kasliwal, Nicholas M. Law, Adam N. Morgan, David Polishook, Dovi Poznanski, Robert M. Quimby, Branimir Sesar, Ken J. Shen, Jeffrey M. Silverman, and Assaf Sternberg. Discovery of a Cosmological, Relativistic Outburst via its Rapidly Fading Optical Emission. *Astrophysical Journal*, 769(2):130, June 2013.

- [60] E. O. Ofek, D. Fox, S. B. Cenko, M. Sullivan, O. Gnat, D. A. Frail, A. Horesh, A. Corsi, R. M. Quimby, N. Gehrels, S. R. Kulkarni, A. Gal-Yam, P. E. Nugent, O. Yaron, A. V. Filippenko, M. M. Kasliwal, L. Bildsten, J. S. Bloom, D. Poznanski, I. Arcavi, R. R. Laher, D. Levitan, B. Sesar, and J. Surace. X-Ray Emission from Supernovae in Dense Circumstellar Matter Environments: A Search for Collisionless Shocks. *Astrophysical Journal*, 763(1):42, January 2013.
- [61] Jan-Willem den Herder, Luigi Piro, Takaya Ohashi, Chryssa Kouveliotou, Dieter H. Hartmann, Jelle S. Kaastra, L. Amati, M. I. Andersen, M. Arnaud, J. L. Attéia, S. Bandler, M. Barbera, X. Barcons, S. Barthelmy, S. Basa, S. Basso, M. Boer, E. Branchini, G. Branduardi-Raymont, S. Borgani, A. Boyarsky, G. Brunetti, C. Budtz-Jorgensen, D. Burrows, N. Butler, S. Campana, E. Caroli, M. Ceballos, F. Christensen, E. Churazov, A. Comastri, L. Colasanti, R. Cole, R. Content, A. Corsi, E. Costantini, P. Conconi, G. Cusumano, J. de Plaa, A. De Rosa, M. Del Santo, S. Di Cosimo, M. De Pasquale, R. Doriese, S. Etti, P. Evans, Y. Ezoe, L. Ferrari, H. Finger, T. Figueroa-Feliciano, P. Friedrich, R. Fujimoto, A. Furuzawa, J. Fynbo, F. Gatti, M. Galeazzi, N. Gehrels, B. Gendre, G. Ghirlanda, G. Ghisellini, M. Gilfanov, P. Giommi, M. Girardi, J. Grindlay, M. Cocchi, O. Godet, M. Guedel, F. Haardt, R. den Hartog, I. Hepburn, W. Hermsen, J. Hjorth, H. Hoekstra, A. Holland, A. Hornstrup, A. van der Horst, A. Hoshino, J. in't Zand, K. Irwin, Y. Ishisaki, P. Jonker, T. Kitayama, H. Kawahara, N. Kawai, R. Kelley, C. Kilbourne, P. de Korte, A. Kusenko, I. Kuvvetli, M. Labanti, C. Macculi, R. Maiolino, M. Mas Hesse, K. Matsushita, P. Mazzotta, D. McCammon, M. Méndez, R. Mignani, T. Mineo, K. Mitsuda, R. Mushotzky, S. Molendi, L. Moscardini, L. Natalucci, F. Nicastro, P. O'Brien, J. Osborne, F. Paerels, M. Page, S. Paltani, K. Pedersen, E. Perinati, T. Ponman, E. Pointecouteau, P. Predehl, S. Porter, A. Rasmussen, G. Rauw, H. Röttgering, M. Roncarelli, P. Rosati, E. Quadri, O. Ruchayskiy, R. Salvaterra, S. Sasaki, K. Sato, S. Savaglio, J. Schaye, S. Sciortino, M. Shaposhnikov, R. Sharples, K. Shinozaki, D. Spiga, R. Sunyaev, Y. Suto, Y. Takei, N. Tanvir, M. Tashiro, T. Tamura, Y. Tawara, E. Troja, M. Tsujimoto, T. Tsuru, P. Ubertini, J. Ullom, E. Ursino, F. Verbunt, F. van de Voort, M. Viel, S. Wachter, D. Watson, M. Weisskopf, N. Werner, N. White, R. Willingale, R. Wijers, N. Yamasaki, K. Yoshikawa, and S. Zane. ORIGIN: metal creation and evolution from the cosmic dawn. *Experimental Astronomy*, 34(2):519–549, October 2012.
- [62] Alessandra Corsi. Gravitational waves and gamma-ray bursts. In P. Roming, N. Kawai, and E. Pian, editors, *Death of Massive Stars: Supernovae and Gamma-Ray Bursts*, volume 279 of *IAU Symposium*, pages 142–149, September 2012.
- [63] Bruny Baret, Imre Bartos, Boutayeb Bouhou, Eric Chassand e-Mottin, Alessandra Corsi, Irene Di Palma, Corinne Donzaud, Marco Drago, Chad Finley, Gareth Jones, Sergey Klimenko, Antoine Kouchner, Szabolcs Márka, Zsuzsa Márka, Luciano Moscoso, Maria Alessandra Papa, Thierry Pradier, Giovanni Prodi, Peter Raffai, Virginia Re, Jameson Rollins, Francesco Salemi, Patrick Sutton, Maggie Tse, Véronique Van Elewycq, and Gabriele Vedovato. Multimessenger science reach and analysis method for common sources of gravitational waves and high-energy neutrinos. *Physical Review D*, 85(10):103004, May 2012.
- [64] A. Corsi, E. O. Ofek, A. Gal-Yam, D. A. Frail, D. Poznanski, P. A. Mazzali, S. R. Kulkarni, M. M. Kasliwal, I. Arcavi, S. Ben-Ami, S. B. Cenko, A. V. Filippenko, D. B. Fox, A. Horesh, J. L. Howell, I. K. W. Kleiser, E. Nakar, I. Rabinak, R. Sari, J. M. Silverman, D. Xu, J. S. Bloom, N. M. Law, P. E. Nugent, and R. M. Quimby. Evidence for a Compact Wolf-Rayet Progenitor for the Type Ic Supernova PTF 10gv. *Astrophysical Journal Letters*, 747(1):L5, March 2012.
- [65] Imre Bartos, Chad Finley, Alessandra Corsi, and Szabolcs Márka. Observational Constraints on Multimessenger Sources of Gravitational Waves and High-Energy Neutrinos. *Phys. Rev. Lett.*, 107(25):251101, December 2011.
- [66] A. Corsi, E. O. Ofek, D. A. Frail, D. Poznanski, I. Arcavi, A. Gal-Yam, S. R. Kulkarni, K. Hurley, P. A. Mazzali, D. A. Howell, M. M. Kasliwal, Y. Green, D. Murray, M. Sullivan, D. Xu, S. Benami, J. S. Bloom, S. B. Cenko, N. M. Law, P. Nugent, R. M. Quimby, V. Pal'shin, J. Cummings,

- V. Connaughton, K. Yamaoka, A. Rau, W. Boynton, I. Mitrofanov, and J. Goldsten. PTF 10bzf (SN 2010ah): A Broad-line Ic Supernova Discovered by the Palomar Transient Factory. *Astrophysical Journal*, 741(2):76, November 2011.
- [67] Bruny Baret, Imre Bartos, Boutayeb Bouhou, Alessandra Corsi, Irene di Palma, Corinne Donzaud, Véronique van Elewyck, Chad Finley, Gareth Jones, Antoine Kouchner, Szabolcs Márka, Zsuzsa Márka, Luciano Moscoso, Eric Chassande-Mottin, Maria Alessandra Papa, Thierry Pradier, Peter Raffai, Jameson Rollins, and Patrick Sutton. Bounding the time delay between high-energy neutrinos and gravitational-wave transients from gamma-ray bursts. *Astroparticle Physics*, 35(1):1–7, August 2011.
- [68] Y. Takei, E. Ursino, E. Branchini, T. Ohashi, H. Kawahara, K. Mitsuda, L. Piro, A. Corsi, L. Amati, J. W. den Herder, M. Galeazzi, J. Kaastra, L. Moscardini, F. Nicastro, F. Paerels, M. Roncarelli, and M. Viel. Studying the Warm-hot Intergalactic Medium in Emission. *Astrophysical Journal*, 734(2):91, June 2011.
- [69] Alessandra Corsi and Benjamin J. Owen. Maximum gravitational-wave energy emissible in magnetar flares. *Physical Review D*, 83(10):104014, May 2011.
- [70] Pietro Ubertini, A. Corsi, S. Foley, S. McGlynn, G. De Cesare, and A. Bazzano. The INTEGRAL view of Gamma-Ray Bursts. *Advances in Space Research*, 47(8):1374–1386, April 2011.
- [71] E. Howell, T. Regimbau, A. Corsi, D. Coward, and R. Burman. Gravitational wave background from sub-luminous GRBs: prospects for second- and third-generation detectors. *Monthly Notices of the RAS*, 410(4):2123–2136, February 2011.
- [72] A. Corsi, D. Guetta, and L. Piro. GeV emission from short gamma-ray bursts: the case of GRB 081024B. *Astronomy and Astrophysics*, 524:A92, December 2010.
- [73] Alessandra Corsi, Dafne Guetta, and Luigi Piro. High-energy Emission Components in the Short GRB 090510. *Astrophysical Journal*, 720(2):1008–1015, September 2010.
- [74] Alessandra Corsi and Peter Mészáros. Gamma-ray burst afterglow plateaus and gravitational waves. *Classical and Quantum Gravity*, 26(20):204016, October 2009.
- [75] Alessandra Corsi and Peter Mészáros. Gamma-ray Burst Afterglow Plateaus and Gravitational Waves: Multi-messenger Signature of a Millisecond Magnetar? *Astrophysical Journal*, 702(2):1171–1178, September 2009.
- [76] E. Branchini, E. Ursino, A. Corsi, D. Martizzi, L. Amati, J. W. den Herder, M. Galeazzi, B. Gendre, J. Kaastra, L. Moscardini, F. Nicastro, T. Ohashi, F. Paerels, L. Piro, M. Roncarelli, Y. Takei, and M. Viel. Studying the Warm Hot Intergalactic Medium with Gamma-Ray Bursts. *Astrophysical Journal*, 697(1):328–344, May 2009.
- [77] L. Piro, J. W. den Herder, T. Ohashi, L. Amati, J. L. Atteia, S. Barthelmy, M. Barbera, D. Baret, S. Basso, M. Boer, S. Borgani, O. Boyarskiy, E. Branchini, G. Branduardi-Raymont, M. Briggs, G. Brunetti, C. Budtz-Jorgensen, D. Burrows, S. Campana, E. Caroli, G. Chincarini, F. Christensen, M. Cocchi, A. Comastri, A. Corsi, V. Cotroneo, P. Conconi, L. Colasanti, G. Cusumano, A. de Rosa, M. Del Santo, S. Etori, Y. Ezoe, L. Ferrari, M. Feroci, M. Finger, G. Fishman, R. Fujimoto, M. Galeazzi, A. Galli, F. Gatti, N. Gehrels, B. Gendre, G. Ghirlanda, G. Ghisellini, P. Giommi, M. Girardi, L. Guzzo, F. Haardt, I. Hepburn, W. Hermsen, H. Hoevers, A. Holland, J. in’t Zand, Y. Ishisaki, H. Kawahara, N. Kawai, J. Kaastra, M. Kippen, P. A. J. de Korte, C. Kouveliotou, A. Kusenko, C. Labanti, R. Lieu, C. Macculi, K. Makishima, G. Matt, P. Mazzotta, D. McCammon, M. Méndez, T. Mineo, S. Mitchell, K. Mitsuda, S. Molendi, L. Moscardini, R. Mushotzky, L. Natalucci, F. Nicastro, P. O’Brien, J. Osborne, F. Paerels, M. Page, S. Paltani, G. Pareschi, E. Perinati, C. Perola, T. Ponman, A. Rasmussen, M. Roncarelli, P. Rosati, O. Ruchayskiy, E. Quadrini, I. Sakurai, R. Salvaterra, S. Sasaki, G. Sato, J. Schaye, J. Schmitt, S. Sciortino, M. Shaposhnikov,

- K. Shinozaki, D. Spiga, Y. Suto, G. Tagliaferri, T. Takahashi, Y. Takei, Y. Tawara, P. Tozzi, H. Tsunemi, T. Tsuru, P. Ubertini, E. Ursino, M. Viel, J. Vink, N. White, R. Willingale, R. Wijers, K. Yoshikawa, and N. Yamasaki. EDGE: Explorer of diffuse emission and gamma-ray burst explosions. *Experimental Astronomy*, 23(1):67–89, March 2009.
- [78] A. Klotz, B. Gendre, G. Stratta, A. Galli, A. Corsi, B. Preger, S. Cutini, A. Pélangeon, J. L. Atteia, M. Boër, and L. Piro. Early emission of rising optical afterglows: the case of GRB 060904B and GRB 070420. *Astronomy and Astrophysics*, 483(3):847–855, June 2008.
- [79] L. Amati, A. Corsi, L. Piro, J. W. den Herder, and T. Ohashi. EDGE: Explorer of diffuse emission and GRB explosions. *Nuovo Cimento B Serie*, 122(9):1007–1010, September 2007.
- [80] B. Gendre, A. Galli, A. Corsi, A. Klotz, L. Piro, G. Stratta, M. Boër, and Y. Damerdj. The gamma-ray burst 050904: evidence for a termination shock? *Astronomy and Astrophysics*, 462(2):565–573, February 2007.
- [81] B. Gendre, A. Corsi, L. Piro, and M. de Pasquale. The BeppoSAX, XMM-Newton and Chandra X-ray afterglow catalog. *Nuovo Cimento B Serie*, 121(12):1485–1486, December 2006.
- [82] A. Galli, B. Gendre, A. Corsi, J. L. Atteia, M. Boer, Y. Damerdj, A. Klotz, L. Piro, and G. Stratta. GRB 050904: Flares and afterglow multi-wavelength analysis. *Nuovo Cimento B Serie*, 121(12):1483–1484, December 2006.
- [83] A. Corsi and L. Piro. Inverse Compton emission in the X-ray afterglow of XRF 050406: Explaining the late-time flattening. *Nuovo Cimento B Serie*, 121(12):1449–1451, December 2006.
- [84] M. G. Bernardini, C. L. Bianco, L. Caito, P. Chardonnet, A. Corsi, M. G. Dainotti, F. Fraschetti, R. Guida, R. Ruffini, and S. S. Xue. GRB970228 as a prototype for short GRBs with afterglow. *Nuovo Cimento B Serie*, 121(12):1439–1440, December 2006.
- [85] A. Corsi and L. Piro. XRF 050406 late-time flattening: an inverse Compton component? *Astronomy and Astrophysics*, 458(3):741–746, November 2006.
- [86] B. Gendre, A. Corsi, and L. Piro. X-ray continuum properties of GRB afterglows observed by XMM-Newton and Chandra. *Astronomy and Astrophysics*, 455(3):803–812, September 2006.
- [87] A. Corsi, L. Piro, E. Kuulkers, L. Amati, L. A. Antonelli, E. Costa, M. Feroci, F. Frontera, C. Guidorzi, J. Heise, J. in’t Zand, E. Maiorano, E. Montanari, L. Nicastro, E. Pian, and P. Soffitta. The puzzling case of GRB 990123: prompt emission and broad-band afterglow modeling. *Astronomy and Astrophysics*, 438(3):829–840, August 2005.
- [88] E. Maiorano, N. Masetti, E. Palazzi, F. Frontera, P. Grandi, E. Pian, L. Amati, L. Nicastro, P. Soffitta, C. Guidorzi, R. Landi, E. Montanari, M. Orlandini, A. Corsi, L. Piro, L. A. Antonelli, E. Costa, M. Feroci, J. Heise, E. Kuulkers, and J. J. M. in’t Zand. The puzzling case of GRB 990123: multi-wavelength afterglow study. *Astronomy and Astrophysics*, 438(3):821–827, August 2005.
- [89] E. Maiorano, N. Masetti, E. Palazzi, F. Frontera, P. Grandi, E. Pian, L. Amati, L. Nicastro, P. Soffitta, A. Corsi, L. Piro, L. A. Antonelli, E. Costa, M. Feroci, J. Heise, and J. J. M. in’t Zand. GRB990123: Multiwavelength afterglow study. *Nuovo Cimento C Geophysics Space Physics C*, 28(4):525, July 2005.
- [90] A. Corsi, L. Piro, E. Kuulkers, L. Amati, L. A. Antonelli, E. Costa, M. Feroci, F. Frontera, C. Guidorzi, J. Heise, J. in’t Zand, E. Maiorano, E. Montanari, L. Nicastro, E. Pian, and P. Soffitta. The GRB of 1999 January 23: Prompt emission and broad-band afterglow modeling. *Nuovo Cimento C Geophysics Space Physics C*, 28(4):493, July 2005.

Complete list of LSC/Virgo-authored refereed publications (published and accepted)

- [91] LIGO Scientific Collaboration, VIRGO Collaboration, and Kagra Collaboration. Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgo's first three observing runs. *Physical Review D*, 104(2):022005, July 2021.
- [92] LIGO Scientific Collaboration, VIRGO Collaboration, and Kagra Collaboration. Upper limits on the isotropic gravitational-wave background from Advanced LIGO and Advanced Virgo's third observing run. *Physical Review D*, 104(2):022004, July 2021.
- [93] LIGO Scientific Collaboration, VIRGO Collaboration, and KAGRA Collaboration. Observation of Gravitational Waves from Two Neutron Star-Black Hole Coalescences. *Astrophysical Journal Letters*, 915(1):L5, July 2021.
- [94] LIGO Scientific Collaboration and Virgo Collaboration. Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO-Virgo Run O3a. *Astrophysical Journal*, 915(2):86, July 2021.
- [95] LIGO Scientific Collaboration, VIRGO Collaboration, and Kagra Collaboration. Constraints on Cosmic Strings Using Data from the Third Advanced LIGO-Virgo Observing Run. *Phys. Rev. Lett.*, 126(24):241102, June 2021.
- [96] LIGO Scientific Collaboration and Virgo Collaboration. Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. *Physical Review D*, 103(12):122002, June 2021.
- [97] LIGO Scientific Collaboration, VIRGO Collaboration, Kagra Collaboration, D. Antonopoulou, Z. Arzoumanian, T. Enoto, C. M. Espinoza, and S. Guillot. Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. *Astrophysical Journal Letters*, 913(2):L27, June 2021.
- [98] LIGO Scientific Collaboration and Virgo Collaboration. Population Properties of Compact Objects from the Second LIGO-Virgo Gravitational-Wave Transient Catalog. *Astrophysical Journal Letters*, 913(1):L7, May 2021.
- [99] LIGO Scientific Collaboration and Virgo Collaboration. GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. *Physical Review X*, 11(2):021053, April 2021.
- [100] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems. *Physical Review D*, 103(6):064017, March 2021.
- [101] LIGO Scientific Collaboration and Virgo Collaboration. A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. *Astrophysical Journal*, 909(2):218, March 2021.
- [102] LIGO Scientific Collaboration, Virgo Collaboration, M. J. Keith, A. G. Lyne, J. Palfreyman, B. Shaw, B. W. Stappers, and P. Weltevrede. Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. *Astrophysical Journal Letters*, 902(1):L21, October 2020.
- [103] LIGO Scientific Collaboration and Virgo Collaboration. GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. *Phys. Rev. Lett.*, 125(10):101102, September 2020.
- [104] LIGO Scientific Collaboration and Virgo Collaboration. Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. *SoftwareX*, 13:100658, January 2021.

- [105] LIGO Scientific Collaboration Kagra Collaboration and VIRGO Collaboration. Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, 23(1):3, September 2020.
- [106] LIGO Scientific Collaboration and Virgo Collaboration. Properties and Astrophysical Implications of the 150 M_{\odot} Binary Black Hole Merger GW190521. *Astrophysical Journal Letters*, 900(1):L13, September 2020.
- [107] LIGO Scientific Collaboration and Virgo Collaboration. GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. *Physical Review D*, 102(4):043015, August 2020.
- [108] LIGO Scientific Collaboration and Virgo Collaboration. GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. *Astrophysical Journal Letters*, 896(2):L44, June 2020.
- [109] LIGO Scientific Collaboration, Virgo Collaboration, et al. A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. *Astrophysical Journal*, 893(2):100, April 2020.
- [110] LIGO Scientific Collaboration and the Virgo Collaboration. A guide to LIGO-Virgo detector noise and extraction of transient gravitational-wave signals. *Classical and Quantum Gravity*, 37(5):055002, March 2020.
- [111] LIGO Scientific Collaboration and the Virgo Collaboration. GW190425: Observation of a Compact Binary Coalescence with Total Mass $\sim 3.4 M_{\odot}$. *Astrophysical Journal Letters*, 892(1):L3, March 2020.
- [112] LIGO Scientific Collaboration and The Virgo Collaboration). Model comparison from LIGO-Virgo data on GW170817's binary components and consequences for the merger remnant. *Classical and Quantum Gravity*, 37(4):045006, February 2020.
- [113] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. *Physical Review D*, 100(12):122002, December 2019.
- [114] LIGO Scientific Collaboration and Virgo Collaboration. Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. *Physical Review D*, 100(10):104036, November 2019.
- [115] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. *Astrophysical Journal*, 886(1):75, November 2019.
- [116] LIGO Scientific Collaboration and Virgo Collaboration. Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. *Phys. Rev. Lett.*, 123(16):161102, October 2019.
- [117] LIGO Scientific Collaboration and Virgo Collaboration. Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. *Astrophysical Journal*, 883(2):149, October 2019.
- [118] LIGO Scientific Collaboration and Virgo Collaboration. Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. *Physical Review D*, 100(6):064064, September 2019.
- [119] LIGO Scientific Collaboration and Virgo Collaboration. Directional limits on persistent gravitational waves using data from Advanced LIGO's first two observing runs. *Physical Review D*, 100(6):062001, September 2019.

- [120] LIGO Scientific and Virgo Collaboration. Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. *Physical Review D*, 100(6):061101, September 2019.
- [121] LIGO Scientific Collaboration and Virgo Collaboration. Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. *Astrophysical Journal Letters*, 882(2):L24, September 2019.
- [122] LIGO Scientific Collaboration and Virgo Collaboration. GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. *Physical Review X*, 9(3):031040, July 2019.
- [123] LIGO Scientific Collaboration and Virgo Collaboration. Tests of General Relativity with GW170817. *Phys. Rev. Lett.*, 123(1):011102, July 2019.
- [124] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. *Physical Review D*, 100(2):024017, July 2019.
- [125] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. *Physical Review D*, 100(2):024004, July 2019.
- [126] LIGO Scientific Collaboration, Virgo Collaboration, et al. Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015-2017 LIGO Data. *Astrophysical Journal*, 879(1):10, July 2019.
- [127] LIGO Scientific Collaboration and Virgo Collaboration. Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. *Physical Review D*, 99(12):122002, June 2019.
- [128] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. *Physical Review D*, 99(10):104033, May 2019.
- [129] M. Soares-Santos, A. Palmese, W. Hartley, J. Annis, J. Garcia-Bellido, O. Lahav, Z. Doctor, M. Fishbach, D. E. Holz, H. Lin, M. E. S. Pereira, A. Garcia, K. Herner, R. Kessler, H. V. Peiris, M. Sako, S. Allam, D. Brout, A. Carnero Rosell, H. Y. Chen, C. Conselice, J. deRose, J. deVicente, H. T. Diehl, M. S. S. Gill, J. Gschwend, I. Sevilla-Noarbe, D. L. Tucker, R. Wechsler, E. Berger, P. S. Cowperthwaite, B. D. Metzger, P. K. G. Williams, LIGO Scientific Collaboration, and Virgo Collaboration. First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary-Black-hole Merger GW170814. *Astrophysical Journal Letters*, 876(1):L7, May 2019.
- [130] LIGO Scientific Collaboration and Virgo Collaboration. Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. *Astrophysical Journal*, 875(2):161, April 2019.
- [131] LIGO Scientific Collaboration and Virgo Collaboration. Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. *Astrophysical Journal*, 875(2):160, April 2019.
- [132] LIGO Scientific Collaboration and Virgo Collaboration. Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. *Astrophysical Journal*, 875(2):122, April 2019.
- [133] LIGO Scientific Collaboration and Virgo Collaboration. Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. *Astrophysical Journal*, 874(2):163, April 2019.

- [134] LIGO Scientific Collaboration and Virgo Collaboration. Properties of the Binary Neutron Star Merger GW170817. *Physical Review X*, 9(1):011001, January 2019.
- [135] E. Burns, A. Goldstein, C. M. Hui, L. Blackburn, M. S. Briggs, V. Connaughton, R. Hamburg, D. Kocevski, P. Veres, C. A. Wilson-Hodge, E. Bissaldi, W. H. Cleveland, M. M. Giles, B. Mailyan, C. A. Meegan, W. A. Paciesas, S. Poolakkil, R. D. Preece, J. L. Racusin, O. J. Roberts, A. von Kienlin, Fermi Gamma-Ray Burst Monitor, LIGO Scientific Collaboration, and Virgo Collaboration. A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO’s First Observing Run. *Astrophysical Journal*, 871(1):90, January 2019.
- [136] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. *Astrophysical Journal*, 870(2):134, January 2019.
- [137] LIGO Scientific Collaboration and Virgo Collaboration. Search for Subsolar-Mass Ultracompact Binaries in Advanced LIGO’s First Observing Run. *Phys. Rev. Lett.*, 121(23):231103, December 2018.
- [138] LIGO Scientific Collaboration and Virgo Collaboration. GW170817: Measurements of Neutron Star Radii and Equation of State. *Phys. Rev. Lett.*, 121(16):161101, October 2018.
- [139] LIGO Scientific Collaboration and Virgo Collaboration. Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. *Phys. Rev. Lett.*, 120(20):201102, May 2018.
- [140] LIGO Scientific Collaboration and Virgo Collaboration. Full band all-sky search for periodic gravitational waves in the O1 LIGO data. *Physical Review D*, 97(10):102003, May 2018.
- [141] LIGO Scientific Collaboration and Virgo Collaboration. Constraints on cosmic strings using data from the first Advanced LIGO observing run. *Physical Review D*, 97(10):102002, May 2018.
- [142] LIGO Scientific Collaboration and Virgo Collaboration. GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. *Phys. Rev. Lett.*, 120(9):091101, March 2018.
- [143] LIGO Scientific Collaboration and Virgo Collaboration. Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO’s first observing run. *Classical and Quantum Gravity*, 35(6):065010, March 2018.
- [144] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. *Classical and Quantum Gravity*, 35(6):065009, March 2018.
- [145] LIGO Scientific Collaboration and Virgo Collaboration. First Search for Nontensorial Gravitational Waves from Known Pulsars. *Phys. Rev. Lett.*, 120(3):031104, January 2018.
- [146] LIGO Scientific Collaboration and Virgo Collaboration. First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. *Physical Review D*, 96(12):122006, December 2017.
- [147] LIGO Scientific Collaboration and Virgo Collaboration. First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. *Physical Review D*, 96(12):122004, December 2017.
- [148] LIGO Scientific Collaboration and Virgo Collaboration. GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. *Astrophysical Journal Letters*, 851(2):L35, December 2017.

- [149] LIGO Scientific Collaboration and Virgo Collaboration. Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. *Astrophysical Journal Letters*, 851(1):L16, December 2017.
- [150] LIGO Scientific Collaboration and Virgo Collaboration. On the Progenitor of Binary Neutron Star Merger GW170817. *Astrophysical Journal Letters*, 850(2):L40, December 2017.
- [151] LIGO Scientific Collaboration and Virgo Collaboration. Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. *Astrophysical Journal Letters*, 850(2):L39, December 2017.
- [152] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. *Astrophysical Journal Letters*, 850(2):L35, December 2017.
- [153] LIGO Scientific Collaboration, Virgo Collaboration, et al. A gravitational-wave standard siren measurement of the Hubble constant. *Nature*, 551(7678):85–88, November 2017.
- [154] LIGO Scientific Collaboration and Virgo Collaboration. GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. *Phys. Rev. Lett.*, 119(16):161101, October 2017.
- [155] LIGO Scientific Collaboration and Virgo Collaboration. GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. *Phys. Rev. Lett.*, 119(14):141101, October 2017.
- [156] LIGO Scientific Collaboration, Virgo Collaboration, et al. Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. *Astrophysical Journal Letters*, 848(2):L13, October 2017.
- [157] LIGO Scientific Collaboration, Virgo Collaboration, et al. Multi-messenger Observations of a Binary Neutron Star Merger. *Astrophysical Journal Letters*, 848(2):L12, October 2017.
- [158] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for periodic gravitational waves in the O1 LIGO data. *Physical Review D*, 96(6):062002, September 2017.
- [159] LIGO Scientific Collaboration, Virgo Collaboration, D. Steeghs, and L. Wang. Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. *Astrophysical Journal*, 847(1):47, September 2017.
- [160] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. *Physical Review D*, 96(2):022005, July 2017.
- [161] LIGO Scientific Collaboration and Virgo Collaboration. Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. *Physical Review D*, 96(2):022001, July 2017.
- [162] LIGO Scientific and Virgo Collaboration. GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. *Phys. Rev. Lett.*, 118(22):221101, June 2017.
- [163] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. *Physical Review D*, 95(12):122003, June 2017.
- [164] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. *Astrophysical Journal*, 841(2):89, June 2017.
- [165] LIGO Scientific Collaboration, Virgo Collaboration, et al. Effects of waveform model systematics on the interpretation of GW150914. *Classical and Quantum Gravity*, 34(10):104002, May 2017.

- [166] LIGO Scientific Collaboration and Virgo Collaboration. Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. *Physical Review D*, 95(8):082005, April 2017.
- [167] LIGO Scientific Collaboration, Virgo Collaboration, et al. First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. *Astrophysical Journal*, 839(1):12, April 2017.
- [168] LIGO Scientific Collaboration and Virgo Collaboration. Directional Limits on Persistent Gravitational Waves from Advanced LIGO’s First Observing Run. *Phys. Rev. Lett.*, 118(12):121102, March 2017.
- [169] LIGO Scientific Collaboration and Virgo Collaboration. Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO’s First Observing Run. *Phys. Rev. Lett.*, 118(12):121101, March 2017.
- [170] LIGO Scientific Collaboration. Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. *Physical Review D*, 95(6):062003, March 2017.
- [171] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. *Physical Review D*, 95(4):042003, February 2017.
- [172] LIGO Scientific Collaboration. Exploring the sensitivity of next generation gravitational wave detectors. *Classical and Quantum Gravity*, 34(4):044001, February 2017.
- [173] LIGO Scientific Collaboration and Virgo Collaboration. The basic physics of the binary black hole merger GW150914. *Annalen der Physik*, 529(1-2):1600209, January 2017.
- [174] LIGO Scientific Collaboration and Virgo Collaboration. The Rate of Binary Black Hole Mergers Inferred from Advanced LIGO Observations Surrounding GW150914. *Astrophysical Journal Letters*, 833(1):L1, December 2016.
- [175] LIGO Scientific Collaboration and Virgo Collaboration. Upper Limits on the Rates of Binary Neutron Star and Neutron Star-Black Hole Mergers from Advanced LIGO’s First Observing Run. *Astrophysical Journal Letters*, 832(2):L21, December 2016.
- [176] LIGO Scientific Collaboration and Virgo Collaboration. Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. *Physical Review D*, 94(10):102002, November 2016.
- [177] LIGO Scientific Collaboration and Virgo Collaboration. First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. *Physical Review D*, 94(10):102001, November 2016.
- [178] LIGO Scientific Collaboration and Virgo Collaboration. Binary Black Hole Mergers in the First Advanced LIGO Observing Run. *Physical Review X*, 6(4):041015, October 2016.
- [179] LIGO Scientific Collaboration and Virgo Collaboration. Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. *Physical Review X*, 6(4):041014, October 2016.
- [180] LIGO Scientific Collaboration and Virgo Collaboration. Directly comparing GW150914 with numerical solutions of Einstein’s equations for binary black hole coalescence. *Physical Review D*, 94(6):064035, September 2016.
- [181] LIGO Scientific Collaboration and Virgo Collaboration. Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. *Physical Review D*, 94(4):042002, August 2016.
- [182] LIGO Scientific Collaboration and Virgo Collaboration. Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. *Classical and Quantum Gravity*, 33(13):134001, July 2016.

- [183] LIGO Scientific Collaboration, Virgo Collaboration, et al. Localization and Broadband Follow-up of the Gravitational-wave Transient GW150914. *Astrophysical Journal Letters*, 826(1):L13, July 2016.
- [184] LIGO Scientific Collaboration and VIRGO Collaboration. GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. *Phys. Rev. Lett.*, 116(24):241103, June 2016.
- [185] LIGO Scientific Collaboration and Virgo Collaboration. Properties of the Binary Black Hole Merger GW150914. *Phys. Rev. Lett.*, 116(24):241102, June 2016.
- [186] LIGO Scientific and Virgo Collaborations. Tests of General Relativity with GW150914. *Phys. Rev. Lett.*, 116(22):221101, June 2016.
- [187] LIGO Scientific Collaboration, Virgo Collaboration, et al. High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. *Physical Review D*, 93(12):122010, June 2016.
- [188] LIGO Scientific Collaboration and Virgo Collaboration. Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. *Physical Review D*, 93(12):122008, June 2016.
- [189] LIGO Scientific Collaboration and Virgo Collaboration. Observing gravitational-wave transient GW150914 with minimal assumptions. *Physical Review D*, 93(12):122004, June 2016.
- [190] LIGO Scientific Collaboration and Virgo Collaboration. GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. *Physical Review D*, 93(12):122003, June 2016.
- [191] LIGO Scientific Collaboration and Virgo Collaboration. GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. *Phys. Rev. Lett.*, 116(13):131103, April 2016.
- [192] LIGO Scientific Collaboration and Virgo Collaboration. GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. *Phys. Rev. Lett.*, 116(13):131102, April 2016.
- [193] LIGO Scientific Collaboration and Virgo Collaboration. Observation of Gravitational Waves from a Binary Black Hole Merger. *Phys. Rev. Lett.*, 116(6):061102, February 2016.
- [194] LIGO Scientific Collaboration and Virgo Collaboration. First low frequency all-sky search for continuous gravitational wave signals. *Physical Review D*, 93(4):042007, February 2016.
- [195] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. *Physical Review D*, 93(4):042006, February 2016.
- [196] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for long-duration gravitational wave transients with initial LIGO. *Physical Review D*, 93(4):042005, February 2016.
- [197] LIGO Scientific Collaboration and Virgo Collaboration. Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. *Living Reviews in Relativity*, 19(1):1, February 2016.
- [198] LIGO Scientific Collaboration and Virgo Collaboration. Astrophysical Implications of the Binary Black-hole Merger GW150914. *Astrophysical Journal Letters*, 818(2):L22, February 2016.
- [199] LIGO Scientific Collaboration, Virgo Collaboration, et al. Searches for Continuous Gravitational Waves from Nine Young Supernova Remnants. *Astrophysical Journal*, 813(1):39, November 2015.

- [200] LIGO Scientific Collaboration and Virgo Collaboration. Characterization of the LIGO detectors during their sixth science run. *Classical and Quantum Gravity*, 32(11):115012, June 2015.
- [201] LIGO Scientific Collaboration. Advanced LIGO. *Classical and Quantum Gravity*, 32(7):074001, April 2015.
- [202] LIGO Scientific Collaboration and Virgo Collaboration. Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. *Physical Review D*, 91(6):062008, March 2015.
- [203] LIGO Scientific Collaboration and Virgo Collaboration. Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. *Physical Review D*, 91(2):022004, January 2015.
- [204] LIGO Scientific Collaboration and Virgo Collaboration. Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. *Physical Review D*, 91(2):022003, January 2015.
- [205] LIGO and Virgo Collaboration. Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009-2010 LIGO and Virgo Data. *Phys. Rev. Lett.*, 113(23):231101, December 2014.
- [206] LIGO Scientific Collaboration, Virgo Collaboration, et al. Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. *Physical Review D*, 90(10):102002, November 2014.
- [207] LIGO Scientific Collaboration and Virgo Collaboration. First all-sky search for continuous gravitational waves from unknown sources in binary systems. *Physical Review D*, 90(6):062010, September 2014.
- [208] LIGO Scientific Collaboration and Virgo Collaboration. Implementation of an F-statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. *Classical and Quantum Gravity*, 31(16):165014, August 2014.
- [209] LIGO Scientific Collaboration, Virgo Collaboration, and IPN Collaboration. Search for Gravitational Waves Associated with γ -ray Bursts Detected by the Interplanetary Network. *Phys. Rev. Lett.*, 113(1):011102, July 2014.
- [210] LIGO Scientific Collaboration and Virgo Collaboration. Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. *Physical Review D*, 89(12):122004, June 2014.
- [211] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. *Physical Review D*, 89(12):122003, June 2014.
- [212] LIGO Scientific Collaboration, Virgo Collaboration, et al. The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. *Classical and Quantum Gravity*, 31(11):115004, June 2014.
- [213] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005-2010. *Physical Review D*, 89(10):102006, May 2014.
- [214] LIGO Scientific Collaboration and Virgo Collaboration. Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. *Phys. Rev. Lett.*, 112(13):131101, April 2014.
- [215] LIGO Scientific Collaboration and Virgo Collaboration. Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. *Classical and Quantum Gravity*, 31(8):085014, April 2014.

- [216] LIGO Scientific Collaboration and Virgo Collaboration. Gravitational Waves from Known Pulsars: Results from the Initial Detector Era. *Astrophysical Journal*, 785(2):119, April 2014.
- [217] LIGO Scientific Collaboration, Virgo Collaboration, et al. First Searches for Optical Counterparts to Gravitational-wave Candidate Events. *Astrophysical Journal Supplement*, 211(1):7, March 2014.
- [218] LIGO Scientific Collaboration and Virgo Collaboration. Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. *Physical Review D*, 88(12):122004, December 2013.
- [219] LIGO Scientific Collaboration and Virgo Collaboration. Directed search for continuous gravitational waves from the Galactic center. *Physical Review D*, 88(10):102002, November 2013.
- [220] LIGO Scientific Collaboration and Virgo Collaboration. Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. *Physical Review D*, 88(6):062001, September 2013.
- [221] LIGO Scientific Collaboration. Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. *Nature Photonics*, 7(8):613–619, August 2013.
- [222] LIGO Scientific Collaboration, Virgo Collaboration, et al. A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. *J. Cosmology Astropart. Phys.*, 2013(6):008, June 2013.
- [223] LIGO Scientific Collaboration. Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. *Physical Review D*, 87(4):042001, February 2013.
- [224] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009-2010. *Physical Review D*, 87(2):022002, January 2013.
- [225] LIGO Scientific Collaboration, Virgo Collaboration, et al. Swift Follow-up Observations of Candidate Gravitational-wave Transient Events. *Astrophysical Journal Supplement*, 203(2):28, December 2012.
- [226] LIGO Scientific Collaboration et al. Search for Gravitational Waves Associated with Gamma-Ray Bursts during LIGO Science Run 6 and Virgo Science Runs 2 and 3. *Astrophysical Journal*, 760(1):12, November 2012.
- [227] LIGO Scientific Collaboration, Virgo Collaboration, et al. The characterization of Virgo data and its impact on gravitational-wave searches. *Classical and Quantum Gravity*, 29(15):155002, August 2012.
- [228] LIGO Scientific Collaboration, Virgo Collaboration, et al. All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. *Physical Review D*, 85(12):122007, June 2012.
- [229] LIGO Scientific Collaboration, Virgo Collaboration, et al. Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600-1000 Hz. *Physical Review D*, 85(12):122001, June 2012.
- [230] B. Sathyaprakash, M. Abernathy, F. Acernese, P. Ajith, B. Allen, P. Amaro-Seoane, N. Anderson, S. Aoudia, K. Arun, P. Astone, B. Krishnan, L. Barack, F. Barone, B. Barr, M. Barsuglia, M. Bassan, R. Bassiri, M. Beker, N. Beveridge, M. Bizouard, C. Bond, S. Bose, L. Bosi, S. Braccini, C. Bradaschia, M. Britzger, F. Brueckner, T. Bulik, H. J. Bulten, O. Burmeister, E. Calloni, P. Campsie, L. Carbone, G. Cella, E. Chalkley, E. Chassande-Mottin, S. Chelkowski, A. Chincarini, A. Di Cintio, J. Clark, E. Coccia, C. N. Colacino, J. Colas, A. Colla, A. Corsi, A. Cumming, L. Cunningham, E. Cuoco, S. Danilishin, K. Danzmann, E. Daw, R. De Salvo, W. Del Pozzo, T. Dent, R. De Rosa, L. Di Fiore, M. Di Paolo Emilio, A. Di Virgilio, A. Dietz, M. Doets, J. Dueck, M. Edwards, V. Fafone, S. Fairhurst, P. Falferi, M. Favata, V. Ferrari, F. Ferrini, F. Fidecaro, R. Flaminio,

- J. Franc, F. Frasconi, A. Freise, D. Friedrich, P. Fulda, J. Gair, M. Galimberti, G. Gemme, E. Genin, A. Gennai, A. Giazotto, K. Glampedakis, S. Gossan, R. Gouaty, C. Graef, W. Graham, M. Granata, H. Grote, G. Guidi, J. Hallam, G. Hammond, M. Hannam, J. Harms, K. Haughian, I. Hawke, D. Heinert, M. Hendry, I. Heng, E. Hennes, S. Hild, J. Hough, D. Huet, S. Husa, S. Huttner, B. Iyer, D. I. Jones, G. Jones, I. Kamaretsos, C. Kant Mishra, F. Kawazoe, F. Khalili, B. Kley, K. Kokeyama, K. Kokkotas, S. Kroker, R. Kumar, K. Kuroda, B. Lagrange, N. Lastzka, T. G. F. Li, M. Lorenzini, G. Losurdo, H. Lück, E. Majorana, V. Malvezzi, I. Mandel, V. Mandic, S. Marka, F. Marin, F. Marion, J. Marque, I. Martin, D. McLeod, D. Mckechn, M. Mehmet, C. Michel, Y. Minenkov, N. Morgado, A. Morgia, S. Mosca, L. Moscatelli, B. Mours, H. Müller-Ebhardt, P. Murray, L. Naticchioni, R. Nawrodt, J. Nelson, R. O' Shaughnessy, C. D. Ott, C. Palomba, A. Paoli, G. Parguez, A. Pasqualetti, R. Passaquieti, D. Passuello, M. Perciballi, F. Piergiovanni, L. Pinard, M. Pitkin, W. Plastino, M. Plissi, R. Poggiani, P. Popolizio, E. Porter, M. Prato, G. Prodi, M. Punturo, P. Puppò, D. Rabeling, I. Racz, P. Rapagnani, V. Re, J. Read, T. Regimbau, H. Rehbein, S. Reid, F. Ricci, F. Richard, C. Robinson, A. Rocchi, R. Romano, S. Rowan, A. Rüdiger, A. Sambrowski, L. Santamaría, B. Sassolas, R. Schilling, P. Schmidt, R. Schnabel, B. Schutz, C. Schwarz, J. Scott, P. Seidel, A. M. Sintes, K. Somiya, C. F. Sopuerta, B. Sorazu, F. Speirits, L. Storchi, K. Strain, S. Strigin, P. Sutton, S. Tarabrin, B. Taylor, A. Thürin, K. Tokmakov, M. Tonelli, H. Tournefier, R. Vaccarone, H. Vahlbruch, J. F. J. van den Brand, C. Van Den Broeck, S. van der Putten, M. van Veggel, A. Vecchio, J. Veitch, F. Vetrano, A. Vicere, S. Vyatchanin, P. Weßels, B. Willke, W. Winkler, G. Woan, A. Woodcraft, and K. Yamamoto. Scientific objectives of Einstein Telescope. *Classical and Quantum Gravity*, 29(12):124013, June 2012.
- [231] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational waves from intermediate mass binary black holes. *Physical Review D*, 85(10):102004, May 2012.
- [232] LIGO Scientific Collaboration and Virgo Collaboration. First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. *Astronomy and Astrophysics*, 541:A155, May 2012.
- [233] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. *Physical Review D*, 85(8):082002, April 2012.
- [234] LIGO Scientific Collaboration and Virgo Collaboration. Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. *Astronomy and Astrophysics*, 539:A124, April 2012.
- [235] Virgo Collaboration. Virgo: a laser interferometer to detect gravitational waves. *Journal of Instrumentation*, 7(3):3012, March 2012.
- [236] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for periodic gravitational waves in the full S5 LIGO data. *Physical Review D*, 85(2):022001, January 2012.
- [237] LIGO Scientific Collaboration, Virgo Collaboration, et al. Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. *Phys. Rev. Lett.*, 107(27):271102, December 2011.
- [238] Ligo Scientific Collaboration. A gravitational wave observatory operating beyond the quantum shot-noise limit. *Nature Physics*, 7(12):962–965, December 2011.
- [239] Virgo Collaboration. A state observer for the Virgo inverted pendulum. *Review of Scientific Instruments*, 82(9):094502–094502–9, September 2011.
- [240] LIGO Scientific Collaboration, Virgo Collaboration, et al. Beating the Spin-down Limit on Gravitational Wave Emission from the Vela Pulsar. *Astrophysical Journal*, 737(2):93, August 2011.
- [241] LIGO Scientific Collaboration and Virgo Collaboration. Search for gravitational waves from binary black hole inspiral, merger, and ringdown. *Physical Review D*, 83(12):122005, June 2011.

- [242] Virgo Collaboration. Status of the Virgo project. *Classical and Quantum Gravity*, 28(11):114002, June 2011.
- [243] LIGO Scientific Collaboration, Virgo Collaboration, et al. Search for Gravitational Wave Bursts from Six Magnetars. *Astrophysical Journal Letters*, 734(2):L35, June 2011.
- [244] Virgo Collaboration. Performance of the Virgo interferometer longitudinal control system during the second science run. *Astroparticle Physics*, 34(7):521–527, February 2011.
- [245] Virgo Collaboration. The Virgo Interferometer for Gravitational Wave Detection. *International Journal of Modern Physics D*, 20(10):2075–2079, January 2011.
- [246] Virgo Collaboration. Calibration and sensitivity of the Virgo detector during its second science run. *Classical and Quantum Gravity*, 28(2):025005, January 2011.
- [247] Virgo Collaboration. Automatic Alignment system during the second science run of the Virgo interferometer. *Astroparticle Physics*, 34(6):327–332, January 2011.
- [248] Virgo Collaboration. Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. *Physical Review D*, 82(10):102001, November 2010.
- [249] Virgo Collaboration. Noise from scattered light in Virgo’s second science run data. *Classical and Quantum Gravity*, 27(19):194011, October 2010.
- [250] LIGO Scientific Collaboration and Virgo Collaboration. TOPICAL REVIEW: Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. *Classical and Quantum Gravity*, 27(17):173001, September 2010.
- [251] LIGO Scientific Collaboration and Virgo Collaboration. Search for Gravitational-wave Inspiral Signals Associated with Short Gamma-ray Bursts During LIGO’s Fifth and Virgo’s First Science Run. *Astrophysical Journal*, 715(2):1453–1461, June 2010.
- [252] LIGO Scientific Collaboration and Virgo Collaboration. Search For Gravitational-wave Bursts Associated with Gamma-ray Bursts using Data from LIGO Science Run 5 and Virgo Science Run 1. *Astrophysical Journal*, 715(2):1438–1452, June 2010.
- [253] LIGO Scientific Collaboration and Virgo Collaboration. All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. *Physical Review D*, 81(10):102001, May 2010.
- [254] LIGO Scientific Collaboration and Virgo Collaboration. Searches for Gravitational Waves from Known Pulsars with Science Run 5 LIGO Data. *Astrophysical Journal*, 713(1):671–685, April 2010.
- [255] Virgo Collaboration. Measurements of Superattenuator seismic isolation by Virgo interferometer. *Astroparticle Physics*, 33(3):182–189, April 2010.
- [256] Virgo Collaboration. Automatic Alignment for the first science run of the Virgo interferometer. *Astroparticle Physics*, 33(3):131–139, April 2010.
- [257] Virgo Collaboration. Performances of the Virgo interferometer longitudinal control system. *Astroparticle Physics*, 33(2):75–80, March 2010.
- [258] Virgo Collaboration. Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. *Classical and Quantum Gravity*, 26(20):204002, October 2009.
- [259] LIGO Collaboration and Virgo Collaboration. An upper limit on the stochastic gravitational-wave background of cosmological origin. *Nature*, 460(7258):990–994, August 2009.
- [260] Virgo Collaboration. Laser with an in-loop relative frequency stability of $1.0e-21$ on a 100-ms time scale for gravitational-wave detection. *Physical Review A*, 79(5):053824, May 2009.

- [261] Virgo Collaboration. Gravitational wave burst search in the Virgo C7 data. *Classical and Quantum Gravity*, 26(8):085009, April 2009.
- [262] Virgo Collaboration. Search for gravitational waves associated with GRB 050915a using the Virgo detector. *Classical and Quantum Gravity*, 25(22):225001, November 2008.
- [263] Virgo Collaboration. First joint gravitational wave search by the AURIGA EXPLORER NAUTILUS Virgo Collaboration. *Classical and Quantum Gravity*, 25(20):205007, October 2008.
- [264] Virgo Collaboration. Noise studies during the first Virgo science run and after. *Classical and Quantum Gravity*, 25(18):184003, September 2008.
- [265] Virgo Collaboration. Virgo status. *Classical and Quantum Gravity*, 25(18):184001, September 2008.
- [266] Virgo Collaboration. Lock acquisition of the Virgo gravitational wave detector. *Astroparticle Physics*, 30(1):29–38, August 2008.
- [267] Virgo Collaboration. The Virgo 3 km interferometer for gravitational wave detection. *Journal of Optics A: Pure and Applied Optics*, 10(6):064009, June 2008.
- [268] LIGO Scientific Collaboration and Virgo Collaboration. Astrophysically triggered searches for gravitational waves: status and prospects. *Classical and Quantum Gravity*, 25(11):114051, June 2008.
- [269] AURIGA Collaboration and Virgo Collaboration. A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. *Classical and Quantum Gravity*, 25(11):114046, June 2008.
- [270] Virgo Collaboration. Status of Virgo. *Classical and Quantum Gravity*, 25(11):114045, June 2008.
- [271] Virgo Collaboration. The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. *IEEE Transactions on Nuclear Science*, 55(1):302–310, February 2008.
- [272] Virgo Collaboration. Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. *IEEE Transactions on Nuclear Science*, 55(1):225–232, February 2008.
- [273] Virgo Collaboration. Status of coalescing binaries search activities in Virgo. *Classical and Quantum Gravity*, 24(23):5767–5775, December 2007.
- [274] Virgo Collaboration. Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. *Classical and Quantum Gravity*, 24(19):S671–S679, October 2007.
- [275] Virgo Collaboration. Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. *Classical and Quantum Gravity*, 24(19):S617–S625, October 2007.
- [276] Virgo Collaboration. Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. *Classical and Quantum Gravity*, 24(19):S491–S499, October 2007.
- [277] Virgo Collaboration. Analysis of noise lines in the Virgo C7 data. *Classical and Quantum Gravity*, 24(19):S433–S443, October 2007.
- [278] Virgo Collaboration. Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. *Classical and Quantum Gravity*, 24(19):S415–S422, October 2007.
- [279] Virgo Collaboration. Status of Virgo detector. *Classical and Quantum Gravity*, 24(19):S381–S388, October 2007.