

ALESSANDRA CORSI, Ph.D.

List of Publications

Bibliography

- Co-authored more than 280 peer-reviewed journal articles.
- h-index: 93 (as of 05/2022).

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, Emil Polisensky, Tracy E. Clarke, and Namir E. Kasim. Radio observations of SN2004dk with VLITE confirm late-time re-brightening. *Astrophysical Journal*, 923:32, December 2021.
- [2] S. Makhathini, K. P. Mooley, M. Brightman, K. Hotokezaka, A. J. Nayana, H. T. Intema, D. Dobie, E. Lenc, D. A. Perley, C. Fremling, J. Moldòn, D. Lazzati, D. L. Kaplan, A. Balasubramanian, I. S. Brown, D. Carbone, P. Chandra, A. Corsi, F. Camilo, A. Deller, D. A. Frail, T. Murphy, E. J. Murphy, E. Nakar, O. Smirnov, R. J. Beswick, R. Fender, G. Hallinan, I. Heywood, M. Kasliwal, B. Lee, W. Lu, J. Rana, S. Perkins, S. V. White, G. I. G. Józsa, B. Hugo, and P. Kamphuis. The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. *Astrophysical Journal*, 922(2):154, December 2021.
- [3] 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.
- [4] Alessandra Corsi and Davide Lazzati. Gamma-ray burst jets in supernovae. *New Astronomy Reviews*, 92:101614, June 2021.
- [5] 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.
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- [7] 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.
- [8] 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.

- [9] 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.
- [10] 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 Bhalerao, 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 Jeffrey 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.
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- [16] 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.
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