

Total number of publications - first author: 4 ; co-author: 16; h-index:11

first author

Submitted: 1

Marcotulli L.; Ajello M., Paliya S. V., Urry M., Oh K., Koss M., *BASS Collaboration*
Swift-BAT blazars and their jets thorough cosmic time
The Astrophysical Journal

Published: 3

May 2020 **Marcotulli L.**, Di Mauro, M.; Ajello, M.
Source-count Distribution of Gamma-Ray Blazars
The Astrophysical Journal, **Vol. 896**, Issue 1, Id. 6, pp. 13
doi: [10.3847/1538-4357/ab8cbd](https://doi.org/10.3847/1538-4357/ab8cbd)

Jan. 2020 **Marcotulli L.**, Paliya, V.; Ajello, M.; Kaur, A.; Marchesi, S. et al.
NuSTAR Perspective on High-redshift MeV Blazars
The Astrophysical Journal, **Vol. 889**, Issue 2, Id. 164, pp. 15
doi: [10.3847/1538-4357/ab65f5](https://doi.org/10.3847/1538-4357/ab65f5)

Apr. 2017 **Marcotulli L.**, Paliya, V. S.; Ajello, M.; Kaur, A.; Hartmann, D. H. et al.
High-redshift Blazars through NuSTAR Eyes
The Astrophysical Journal, **Vol. 839**, Issue 2, Id. 96, pp. 9
doi: [10.3847/1538-4357/aa6a17](https://doi.org/10.3847/1538-4357/aa6a17)

co-authored publications

Student papers: 4

Oct. 2020 Silver, R.; Marchesi, S.; **Marcotulli, L.** ; Kaur, A.; Rajagopal, M.; Ajello, M.
Identifying the 3FHL Catalog. IV. Swift Observations of Unassociated Fermi-LAT 3FHL Sources
The Astrophysical Journal, **Vol. 902**, Issue 1, Id. 23, pp. 9
doi: [10.3847/1538-4357/abb317](https://doi.org/10.3847/1538-4357/abb317)

- Jan. 2020 Rajagopal, M.; **Marcotulli, L.** ; Ajello, M.; Kaur, A.; Paliya, V.; Hartmann, D. *NuSTAR Observations and Multiwavelength Modeling of the High-redshift BL Lacertae Object 4FGL J2146.5-1344*
The Astrophysical Journal, **Vol. 889**, Issue 2, Id. 102, pp. 7
doi: [10.3847/1538-4357/ab6226](https://doi.org/10.3847/1538-4357/ab6226)
- Jan. 2019 Zhao, X.; Marchesi, S.; Ajello, M.; **Marcotulli, L.** ; Cusumano, G. et al. *Compton-thick AGNs in the NuSTAR Era. II. A Deep NuSTAR and XMM-Newton View of the Candidate Compton-thick AGN in NGC 1358*
The Astrophysical Journal, **Vol. 889**, Issue 2, Id. 102, pp. 7
doi: [10.3847/1538-4357/aaf1a0](https://doi.org/10.3847/1538-4357/aaf1a0)
- Oct. 2017 Marchesi, S.; Tremblay, L.; Ajello, M.; **Marcotulli, L.** ; Paggi, A. et al. *Chandra and NuSTAR Follow-up Observations of Swift-BAT-selected AGNs*
The Astrophysical Journal, **Vol. 848**, Issue 1, Id. 53, pp. 12
doi: [10.3847/1538-4357/aa8ee6](https://doi.org/10.3847/1538-4357/aa8ee6)

Collaborative papers: 8

- Nov. 2019 Domínguez, A.; Wojtak, R.; Finke, J.; Ajello, M.; Helgason, K.; Prada, F.; Desai, A.; Paliya, V.; **Marcotulli, L.**; Hartmann, D. H. *A New Measurement of the Hubble Constant and Matter Content of the Universe Using Extragalactic Background Light γ -Ray Attenuation*
The Astrophysical Journal, **Vol. 885**, Issue 2, Id. 137, pp. 7
doi: [10.3847/1538-4357/ab4a0e](https://doi.org/10.3847/1538-4357/ab4a0e)
- Aug. 2019 Paliya, Vaidehi S.; Koss, M.; Trakhtenbrot, B.; Ricci, C.; Oh, K.; Ajello, M.; Stern, D.; Powell, M. C.; Urry, C. M.; Harrison, F.; Lamperti, I.; Mushotzky, R.; **Marcotulli, L.**; Mejía-Restrepo, J.; Hartmann, D. *BAT AGN Spectroscopic Survey. XVI. General Physical Characteristics of BAT Blazars*
The Astrophysical Journal, **Vol. 881**, Issue 2, Id. 154, pp. 12
doi: [10.3847/1538-4357/ab2f8b](https://doi.org/10.3847/1538-4357/ab2f8b)
- Mar. 2019 Paliya, Vaidehi S.; Ajello, Marco; **Marcotulli, Lea**; Tomsick, John et al. *Supermassive black holes at high redshifts*
Astro 2020 - Decadal Survey
doi: [arXiv:1903.06106](https://doi.org/10.48550/arXiv.1903.06106)

- Feb. 2019 Marchesi, S.; Ajello, M.; Zhao, X.; **Marcotulli, L.**; Baloković, M. et al.
Compton-thick AGNs in the NuSTAR Era. III. A Systematic Study of the Torus Covering
The Astrophysical Journal, **Vol. 872**, Issue 1, Id. 8, pp. 19
doi: 10.3847/1538-4357/aafbeb
- Feb. 2019 Paliya, Vaidehi S.; Ajello, M.; Ojha, R.; Angioni, R.; Cheung, C. C.; Tanada, K.; Pursimo, T.; Galindo, P.; Losada, I. R.; Siltala, L.; Djupvik, A. A.; **Marcotulli, L.**; Hartmann, D. H.
Detection of a Gamma-Ray Flare from the High-redshift Blazar DA 193
The Astrophysical Journal, **Vol. 871**, Issue 2, Id. 211, pp. 12
doi: 10.3847/1538-4357/aafa10
- Feb. 2018 Marchesi, S.; Ajello, M.; **Marcotulli, L.**; Comastri, A.; Lanzuisi, G.; Vignali
Compton-thick AGNs in the NuSTAR Era
The Astrophysical Journal, **Vol. 854**, Issue 1, Id. 49, pp. 16
doi: 10.3847/1538-4357/aaa410
- Dec. 2017 Paliya, Vaidehi S.; **Marcotulli, L.**; Ajello, M.; Joshi, M.; Sahayanathan, S.; Rao, A. R.; Hartmann, D.
General Physical Properties of CGRaBS Blazars
The Astrophysical Journal, **Vol. 851**, Issue 1, Id. 33, pp. 23
doi: 10.3847/1538-4357/aa98e1
- Jul. 2016 Ajello, M.; Ghisellini, G.; Paliya, V. S.; Kocevski, D.; Tagliaferri, G.; Madejski, G.; Rau, A.; Schady, P.; Greiner, J.; Massaro, F.; Baloković, M.; Bühler, R.; Giomi, M.; **Marcotulli, L.**; D'Ammando, F.; Stern, D.; Boggs, S. E.; Christensen, F. E.; Craig, W. W.; Hailey, C. J. Harrison, F. A.; Zhang, W.
NUSTAR, SWIFT, AND GROND OBSERVATIONS OF THE FLARING MEV BLAZAR PMN J0641–0320
The Astrophysical Journal, **Vol. 826**, Issue 1, Id. 76, pp. 9
doi: 10.3847/0004-637X/826/1/76

- Nov. 2021 Ajello et al.
Gamma Rays from Fast Black-hole Winds
The Astrophysical Journal, **Vol. 921**, Issue 2, Id. 144, pp. 14
doi: 10.3847/1538-4357/ac1bb2
- Collaborations papers: 3**

- Jan. 2020 The Fermi-LAT Collaboration
Fermi Large Area Telescope Fourth Source Catalog
The Astrophysical Journal, **Vol. 247**, Issue 1, Id. 33, pp. 37
doi: [10.3847/1538-4365/ab6bcb](https://doi.org/10.3847/1538-4365/ab6bcb)
- Nov. 2018 The Fermi-LAT Collaboration
A gamma-ray determination of the Universe's star formation history
Science, Vol. 362, Issue 6418, pp. 1031-1034
doi: [10.1126/science.aat8123](https://doi.org/10.1126/science.aat8123)
- Feb. 2017 Ackermann et al.
Gamma-Ray Blazars within the First 2 Billion Years
The Astrophysical Journal, **Vol. 837**, Issue 1, Id. L5, pp. 8
doi: [10.3847/2041-8213/aa5fff](https://doi.org/10.3847/2041-8213/aa5fff)