

Resource Summary Report

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Barbara A. Mikulski Archive for Space Telescopes

RRID:SCR_023137

Type: Tool

Proper Citation

Barbara A. Mikulski Archive for Space Telescopes (RRID:SCR_023137)

Resource Information

URL: <http://archive.stsci.edu/>

Proper Citation: Barbara A. Mikulski Archive for Space Telescopes (RRID:SCR_023137)

Description: Astronomical data archive focused on optical, ultraviolet, and near infrared. Used for maximizing scientific accessibility and productivity of astronomical data. MAST hosts data from over dozen missions like Webb, Hubble, TESS, Kepler, and in the future Roman.

Synonyms: Barbara A. Mikulski Archive for Space Telescopes

Resource Type: storage service resource, data repository, service resource

Availability: Free, Freely available

Resource Name: Barbara A. Mikulski Archive for Space Telescopes

Resource ID: SCR_023137

Alternate IDs: DOI:10.17909, DOI:10.17616/R3K897, r3d100010403

Alternate URLs: <https://doi.org/10.17909>, <https://dx.doi.org/10.17909>, <http://doi.org/10.17616/R3K897>, <https://doi.org/10.17616/R3K897>

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260805T044511+0000

Ratings and Alerts

No rating or validation information has been found for Barbara A. Mikulski Archive for Space Telescopes.

No alerts have been found for Barbara A. Mikulski Archive for Space Telescopes.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#).

Peters GJ, et al. (2026) The abundances of carbon and nitrogen in the atmospheres of classical Be stars. *Astrophysics and space science*, 371(1), 9.

Livingston JH, et al. (2026) A young progenitor for the most common planetary systems in the Galaxy. *Nature*, 649(8096), 310.

MacDonald RJ, et al. (2026) Aerosols and hydrocarbons in the atmosphere of a white dwarf planet. *Nature*, 655(8121), 76.

Bogdán Á, et al. (2026) An X-ray-emitting protocluster at $z \approx 5.7$ reveals rapid structure growth. *Nature*, 649(8099), 1134.

Gilbert GJ, et al. (2025) Planets larger than Neptune have elevated eccentricities. *Proceedings of the National Academy of Sciences of the United States of America*, 122(11), e2405295122.

Coca-Lopez N, et al. (2025) Artificial Intelligence-Powered Raman Spectroscopy through Open Science and FAIR Principles. *ACS nano*, 19(44), 38189.

Allart R, et al. (2025) A complex structure of escaping helium spanning more than half the orbit of the ultra-hot Jupiter WASP-121 b. *Nature communications*, 16(1), 10822.

Challener RC, et al. (2025) Horizontal and vertical exoplanet thermal structure from a JWST spectroscopic eclipse map. *Nature astronomy*, 9(12), 1821.

Reyes C, et al. (2025) Acoustic modes in M67 cluster stars trace deepening convective envelopes. *Nature*, 640(8058), 338.

Maiolino R, et al. (2024) A small and vigorous black hole in the early Universe. *Nature*, 627(8002), 59.

Faherty JK, et al. (2024) Methane emission from a cool brown dwarf. *Nature*, 628(8008), 511.

Levan AJ, et al. (2024) Heavy-element production in a compact object merger observed by JWST. *Nature*, 626(8000), 737.

Espinoza N, et al. (2024) Inhomogeneous terminators on the exoplanet WASP-39 b. *Nature*, 632(8027), 1017.

Briney KA, et al. (2024) Measuring data rot: An analysis of the continued availability of shared data from a Single University. PloS one, 19(6), e0304781.

Sagear S, et al. (2023) The orbital eccentricity distribution of planets orbiting M dwarfs. Proceedings of the National Academy of Sciences of the United States of America, 120(23), e2217398120.

Costantin L, et al. (2023) A Milky Way-like barred spiral galaxy at a redshift of 3. Nature, 623(7987), 499.

Coulombe LP, et al. (2023) A broadband thermal emission spectrum of the ultra-hot Jupiter WASP-18b. Nature, 620(7973), 292.

Ginolfi M, et al. (2022) Detection of companion galaxies around hot dust-obscured hyper-luminous galaxy W0410-0913. Nature communications, 13(1), 4574.

Jin ZP, et al. (2016) The Macronova in GRB 050709 and the GRB-macronova connection. Nature communications, 7, 12898.