Rebecca C. Levy

STScI Postdoctoral Fellow

Space Telescope Science Institute 3700 San Martin Dr. Baltimore, MD 21218 rlevy@stsci.edu rlevy.astro@gmail.com https://rclevy.github.io

Research Interests _____

I investigate

- The role of stellar feedback in shaping the interstellar medium and galaxy evolution
- Young, embedded star clusters, especially in the centers of nearby galaxies
- Starburst galaxies, especially NGC 253 and M 82
- Multiphase gas kinematics and dynamics in nearby galaxies

using multiwavelength photometric and spectroscopic data from ground- and space-based observatories (e.g., radio; (sub-)millimeter interferometric; near-, mid-, far-infrared; optical IFU)

Experience _____

| Sept 2024 – | STScI Postdoctoral Fellow |
|-------------------------|--|
| present | Space Telescope Science Institute, Baltimore, MD, USA |
| | 50% independent research / $50%$ functional work (JWST Science Policies Group) |
| | |
| Oct 2021 – Sept 2024 | NSF Astronomy & Astrophysics Postdoctoral Fellow University of Arizona, Dept. of Astronomy/Steward Observatory, Tucson, AZ, USA |

Education _____

| Dec 2021 | Ph.D. in Astronomy University of Maryland, College Park, MD, USA "Investigating Star Formation Feedback through Gas Kinematics in Nearby Galaxies" Advisor: Prof. Alberto Bolatto |
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| Dec 2017 | M.S. in Astronomy University of Maryland, College Park, MD, USA |
| May 2015 | B.S. in Astronomy, B.S. in Physics University of Arizona, Tucson, AZ, USA Cum Laude with Honors |

Publication Summary _____

Total: 49 papers — 1501 citations — h-index = 22 First-authored & supervised: 8 papers — 237 citations A full publication list can be found at the end.

First-Authored & Supervised Publications

- [8] "JWST Observations of Starbursts: Massive Star Clusters in the Central Starburst of M 82" Levy, R. C., et al. 2024, ApJL, 973, 55.
- [7] "Milky Way and Nearby Galaxies Science with the SALTUS Space Observatory" Levy, R. C., et al. 2024, JATIS, 10, 4, 042304.
- [6] "[CII] Spectral Mapping of the Galactic Wind and Starbursting Disk of M 82 with SOFIA" Levy, R. C., et al. 2023, ApJ, 958, 109.
- [5] "The Morpho-Kinematic Architecture of Super Star Clusters in the Center of NGC 253" Levy, R. C., et al. 2022, ApJ, 935, 19.
- [4] "Cuspy Dark Matter Density Profiles in Massive Dwarf Galaxies" Cooke, L. H., Levy, R. C., et al. 2022, MNRAS, 512, 1012.
- [3] "Outflows from Super Star Clusters in the Central Starburst of NGC 253" Levy, R. C., et al. 2021, ApJ, 912, 4.
- [2] "The EDGE-CALIFA Survey: Evidence for Pervasive Extraplanar Diffuse Ionized Gas in Nearby Edge-On Galaxies" Levy, R. C., et al. 2019, ApJ, 882, 84.
- [1] "The EDGE-CALIFA Survey: Molecular and Ionized Gas Kinematics in Nearby Galaxies" Levy, R. C., et al. 2018, ApJ, 860, 92.

| Honors | Яz | Awards |
|--------|----|--------------|
| HUHUHA | (Y | \neg walus |

| 2021 | IAU PhD Prize — Honorable Mention (Only a single winner and honorable mention were awarded in this division.) | IAU, Div. H: Interstellar Matter and |
|-------------|---|---|
| | | Local Universe |
| 2020 | Andrew S. Wilson Prize for Excellence in Research | U. Maryland, |
| | | Dept. of Astronomy |
| 2020 | Philip E. Angerhofer Outstanding Teaching Assistant Award | U. Maryland, |
| | | Dept. of Astronomy |
| 2020 | Prize for Excellence in Mentoring | U. Maryland, |
| | | Dept. of Astronomy |
| 2018 - 2019 | Outstanding Research Assistant Award | U. Maryland, |
| | | Graduate School |
| 2016 | Graduate Research Fellowship Program — Honorable Mention | NSF |

Grants Awarded _

| 2022 | \$44,473 | NSF | "21st Annual Symposium of the NSF Astronomy and Astrophysics Postdoctoral Fellows" |
|------|-----------|---------------------|---|
| 2021 | \$310,000 | NSF AAPF | "A Multiscale View of the Effects of Stellar Feedback in the Local Universe" |
| 2019 | \$35,000 | NRAO | ALMA Student Observing Support |
| 2019 | \$90,000 | SOFIA/USRA/ NASA | "The GREAT Cigar: Mapping [CII] in the Disk and Outflow of M82" |
| 2019 | \$600 | U. Maryland | The Jacob K. Goldhaber Travel Grant |

| 2017 | \$600 | Grad. School | |
|------|-------|--------------|--|
| 2019 | \$225 | U. Maryland | International Conference Student Support Award |
| 2017 | \$262 | Grad. School | |

Scientific Presentations

| Invited Review | vs and Colloquia | |
|----------------------|--|----------------------|
| Feb 2025 | Texas A&M U. Astronomy Colloquium | College Station, TX |
| Oct 2023 | Instituto de Astrofísica de Andalucía Colloquium (Recorded) | (Virtual) |
| Oct 2023 | Radboud U. Astronomy Colloquium | (Virtual) |
| Apr 2023 | The Galactic Centre Workshop — Review Talk | Granada, Spain |
| Apr 2023 | Hamburg Observatory Colloquium | (Virtual) |
| $\mathrm{Apr}\ 2023$ | Michigan State U. Astronomy Seminar | (Virtual) |
| Oct 2022 | U. Kansas Physics and Astronomy Department Colloquium | Lawrence, KS |
| Oct 2019 | The Warm Ionized Medium Workshop — \mathbf{Review} Talk | Green Bank, WV |
| Invited Talks | | |
| $\mathrm{Aug}\ 2025$ | Ascona Meeting on Cosmic ISM and Stellar Populations | Ascona, Switzerland |
| Oct 2024 | Center for Astrophysics (CfA) Seminar | Cambridge, MA |
| $\mathrm{Apr}\ 2024$ | U. Wisconsin, Madison Monday Science Seminar | (Virtual) |
| Dec 2023 | ALMA at Ten Years: Past, Present and Future | Puerto Varas, Chile |
| July 2021 | The Grande Cascade | (Virtual) |
| May 2021 | Cornell Galaxy Lunch Seminar | (Virtual) |
| Feb 2021 | Princeton Star Formation/ISM Rendezvous | (Virtual) |
| Nov 2020 | Ringberg Workshop Virtual Seminar: "How does small-scale | (Virtual) |
| | physics drive galaxy evolution?" | |
| Oct 2020 | Center for Cosmology & AstroParticle Physics Seminar | (Virtual) |
| Contributed Ta | alks (past 3 years) | |
| May 2025 | Inter+Stellar: Harnessing the Intersection Between Stars and the Interstellar Medium | Baltimore, MD |
| Nov 2024 | Follow the Monarchs: A Journey to Explore the Cosmos at (Sub)milliarcsecond Scales with the ngVLA (Recorded) | Morelia, Mexico |
| May 2024 | STScI Low Density Universe Meeting | Baltimore, MD |
| Jan 2024 | The 243st Meeting of the American Astronomical Society | New Orleans, LA |
| Jan 2024 | 2024 NSF-AST Fellows Symposium | New Orleans, LA |
| Jan 2023 | The 241 st Meeting of the American Astronomical Society | Seattle, WA |
| Sept 2022 | MPIA Galaxy Coffee Seminar | Heidelberg, Germany |
| Sept 2022 | Puzzles of the Galactic Centre | Heidelberg, Germany |
| Press, Media, | & Other Coverage | |
| June 2025 | NIRCam and MIRI images of M 82 from JWST program #1 NASA/ ESA/CSA JWST Picture of the Month: "A starburst sha | |
| Apr 2024 | Quoted in NASA Press Release "NASA's Webb Probes an Extrem (Cross-posted by ESA, Webb Telescope, Space.com, U. Arizona, U. M | e Starburst Galaxy." |
| Aug 2022 | Results from Levy et al. 2022, ApJ cited in the Wikipedia page | for NGC 253. |
| May 2021 | Results from Levy et al. 2021, ApJ featured in the NRAO eNew | |
| 14101y 2021 | Toolard Hom Dovy of all 2021, Tipo leading in the MITAO effect | 5 (01. 14, 155uc 0. |

| Melnick Nebart | Summer 2025 | STScI Space Astronomy Summer Program (SASP) Publication: Nebart & Levy, 2025 in prep. Undergrad at Columbia U. | |
|---|-------------------------------|---|---------------|
| Keaton Donaghue | Oct 2022 – | Co-mentor Publication: Donaghue, Levy, et al. 2025 in prepundergrad at U. Kansas & NSF GRFP grad student at U. | • |
| Lauren Cooke | May 2020, Summer 2019 | Publication: Cooke, Levy, et al. 2022, MNRAS High school senior & undergrad at Harvard U. (Now: AI D | eata Analyst) |
| Brandon Davey | Jan 2020 | GRAD-MAP Winter Workshop Publication: Cooke, Levy, Davey, et al. 2022, M Undergrad of U. of South Florida (Now: Software Engine | |
| Nathnael Feleke | Summer 2019, Jan 2019 | GRAD-MAP Summer Scholars Program & Winter V Undergrad at Montgomery College, Takoma Park | Vorkshop |
| Aurora Cid | Jan 2018 | GRAD-MAP Winter Workshop Undergrad at CUNY College of Staten Island | |
| Natalia Ramírez Vega | Jan 2017 | GRAD-MAP Winter Workshop Undergrad at U. Costa Rica & Fidélitas U. (Now: Senior | Data Enginee |
| | | nberships | |
| Professional Ser | vice & Men | | |
| | | | |
| | published in _ | | |
| Referee for articles Nature Astronomy, AJ | published in J., ApJ, A&A, MN | NRAS | |
| Referee for articles Nature Astronomy, AJ | published in | | |
| Referee for articles Nature Astronomy, AJ Working groups led Feb 2025 – present | published in | NRAS c Ecosystems" science working group | |
| Referee for articles Nature Astronomy, AJ Working groups led Feb 2025 – present Apr 2022 – Oct 2024 | published in | NRAS c Ecosystems" science working group | |
| Referee for articles Nature Astronomy, AJ Working groups led Feb 2025 – present Apr 2022 – Oct 2024 Conferences organiz | published in | NRAS c Ecosystems" science working group y Way & Nearby Galaxies" science working group Modeling of Interferometric Data: Preparing for the | |

| Seminars organized | |
|--------------------|--|
| 2022 - 2023 | Steward Obs. Science Coffee arXiv discussion |
| 2019-2020 | UMD Dept. of Astronomy weekly arXiv discussion |

| Review panels | |
|---------------|---|
| Mar 2024 | NASA Review Panel — Executive Secretary |

Cycle 31 HST TAC Mar 2023NSF Review Panel

 $Committee \ service \ _$ Spring 2020 UMD Dept. of Astronomy faculty search committee 2017 - 2020UMD Dept. of Astronomy Graduate Student Council rep.

| Other service | |
|----------------------------|---|
| (Carried out as part of S | TScI Fellowship functional duties.) |
| Cycle 5 Cycles 4, 5 | Co-lead editor of the JWST Call for Proposals JWST TAC Panel Manager |
| Collaboration mem | bership |
| Sept 2024 | STScI ISM* research group |
| Apr 2023 | ACES/JACKS (ALMA CMZ Exploration Survey/JVLA Ammonia CMZ K-band Survey) |
| Dec 2022 Aug 2015 | PHANGS (Physics at High Resolution in Nearby GalaxieS) EDGE (Extragalactic Database for Galaxy Evolution) |
| _ | membership |
| v | nical Union (IAU) — Junior member |
| American Astronomica | al Society (AAS) — Full member |
| Approved Obser | ving Programs |
| | e Millimeter/submillimeter Array) |
| PI of 3 programs: | |
| _ | $Embedded\ Star\ Formation\ and\ Feedback\ in\ the\ Prototypical\ Merger-Starburst\ VV\ 114"$ |
| • | Molecular Gas Coverage in Nearby Low-Luminosity AGN" |
| _ | Radiation Field, Masses, and Dust Temperature in Forming Massive Star Clusters Starburst" |
| Co-I on a total of 32 pro | grams in Cycles 12 (N=6 incl. 1 large), 11 (6), 10 (9), 9 (3), 8 (3), 7 (2), 6 (2), 4 (1). |
| GBT (Green Bank Teles | scope) |
| I am certified to remotely | |
| Co-I on a total of 3 prog | grams in Semesters 2022b (1), 2021b (1 large), 2021a (1). |
| HST (Hubble Space Tele | escope) |
| Co-I on a total of 2 prog | grams in Cycles 32 (1), 31 (1 treasury). |
| NOEMA (Northern Ex | ttended Millimeter Array) |
| ` | grams in Semesters 2022a (1), 2021b (1). |
| JWST (James Webb Sp | pace Telescope) |
| Co-I on a total of 6 prog | grams in Cycles 3 (1), 2 (3 incl. 1 treasury), 1 (2), including: |
| Cycle 1 "Dissecting t | the Prototypical Starbursts NGC 253 and M 82 and Their Cool Galactic Winds" |
| | nical planning and justification for this proposal. |
| , – | Telescope)gram in Semester 2021-S1 (1). |
| SMA (Submillimeter Ar | ray) |
| | grams in Semesters 2025A (1), 2024B (1), 2018B (1). |
| SOFIA (Stratospheric (| Observatory for Infrared Astronomy) |
| PI of 1 program: | |
| - ' | REAT Cigar: Mapping [CII] in the Disk and Outflow of M82" |
| Co-I on a total of 5 prog | grams in Cycles $9(1)$, $8(2)$, $7(2)$. |
| | |
| Co-I on a total of 8 prog | grams in Semesters 2025a (1), 2024b (1), 2022b (2), 2022a (2), 2021b (1), 2019b (1). |

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|-------------|---|-------------|
| Apr 2023 | Guest Lecturer: "Translational Science Communication" ACBS 493/ECOL 499/GEOS 393/NSCS 393: The Bio/Diversity Project Internship Program | U. Arizona |
| Spring 2020 | Teaching and Lab Assistant ASTR 121: Introductory Astrophysics II — Stars & Beyond | U. Maryland |
| Fall 2019 | Teaching Assistant ASTR 120: Introductory Astrophysics I — Solar System | U. Maryland |
| Sept 2018 | Guest Lecturer: "LaTeX Examples with Overleaf" ASTR 695: First Year Seminar | U. Maryland |
| Spring 2014 | Preceptor PHYS 141: Introductory Mechanics | U. Arizona |
| Spring 2013 | Undergraduate Teaching Coordinator MATH 100/100AX: Prep. for College Algebra | U. Arizona |
| | | |

Outreach Experience -

Imagine Your STEM Future (IYSF)

Women in Science and Engineering (WISE), U. Arizona

Teaching Experience _____

Undergraduate Teaching Coordinator

Lead Undergraduate Teaching Assistant

Undergraduate Teaching Assistant

MATH 100/100AX: Prep. for College Algebra

MATH 100/100AX: Prep. for College Algebra

MATH 100/100AX: Prep. for College Algebra

Aug 2023 – Sept 2024 • Developed and implemented a hands-on astronomy lesson and activity for the WISE IYSF program. Materials for my curriculum about the phases of the Moon can be found in this Google Drive repository.

Moon can be found in this Google Drive repository.

U. Arizona

U. Arizona

U. Arizona

Mar 2024, Feb 2023 • Guest lecturer on my career path for students in IYSF program.

Public Lectures _

Fall 2012

Spring 2012

Fall 2011

Dec 2022 • Tucson Amateur Astronomy Association Lecture: "A JWST View of Starburst Galaxies: Sweet Data Coming Soon!"

Nov 2022 • Steward Observatory Public Evening Lecture Series: "A JWST View of Starburst Galaxies: Sweet Data Coming Soon!"

Public Events _

Engaged with the public through astronomy/physics/optics demonstrations and activities.

Apr 2016 • U.S. Science and Engineering Festival

March 2014, 2015 • Tucson Festival of Books (part of NOAO EPO, see below)

June 2013 – 2015 • Arizona-Sonora Desert Museum Cool Summer Astronomy Night (2014, 2015 part of NOAO EPO, see below)

GRAD-MAP

(Graduate Resources Advancing Diversity with Maryland Astronomy and Physics)

Dept. of Astronomy, U. Maryland

2016 - 2020

- Research mentor for four students over four years during the week-long Winter Workshop.
- Co-mentor for one student during the 10-week Summer Scholars program.
- Helped plan Winter Workshops and Summer Scholars programs.
- Developed and led professional development sessions during the Winter Workshops and Summer Scholars programs.
- Co-organized and led two weekend trips to the Green Bank Observatory.
- Helped organize and run the annual Open House, including helping to develop the inaugural Open House.
- Attended Collaborative Seminar Series at local institutions.

Education and Public Outreach (EPO) Department.

National Optical Astronomy Observatory (NOAO) (Note: NOAO is now NOIRLab)

- Aug 2013 July 2015 Key developer of all aspects of the United Nations-sanctioned "International Year of Light 2015" Quality Lighting Teaching Kit, including activity creation and development, materials sourcing, instructional guide and media writing, state and national educational standards verification, and classroom testing. These kits were disseminated internationally and were available for retail sale.
 - Interacted extensively with the public, K-12 students, K-12 teachers, and members of the Tohono O'odham Nation.
 - Developed, planned, prepared, led, and/or supported 1-2 outreach activities per week (on average) focused on astronomy and/or dark skies education.
 - Developed, planned, prepared, led, and/or supported local, national, and international teacher training workshops and outreach events (e.g., at AAS, AGU, and IAU meetings).
 - Supported the Globe at Night citizen-science campaign, including website design, social media, development of materials, newsletter writing, podcast writing and recording, and facilitation of material translations.
 - Hired, trained, mentored, and evaluated other student employees.

June 2016, 2015

• Guest lecturer and support staff for two Colors of Nature Summer Academies in Tucson, AZ. This NSF-funded educational research study investigated the development of middle-school girls' identities as scientists as they explored the intersections of art and science (STEAM) in a two-week program.

Full Publication List

Total: 49 papers — 1501 citations — h-index = 22Links to current publications in ADS, SciX, and ORCID.

- [49] "Cold dark gas in Cygnus X: The first large-scale mapping of low-frequency carbon recombination lines" Emig, K. L., Salas, P., Anderson, L. D., Anish Roshi, D., Bonne, L., Bolatto, A. D., Grenier, I. A., Levy, R. C., Linville, D. J., Luisi, M., Owens, M. R., Poojaprivatharsheni, J., Schneider, N., Tibaldo, L., Tielens, A. G. G. M., Walch, S. K., White, G. J. 2025, ApJ, in press, doi: 10.48550/arXiv.2501. 13838.
- [48] "Physical Conditions of the Ionized Superwind in NGC 253 with VLT/MUSE" Cronin, S. A., Bolatto, A. D., Congiu, E., Donaghue, K., Kreckel, K., Leroy, A. K., Levy, R. C., Veilleux, S., Walter, F., Nolasco, L. 2025, ApJ, 987, 92, doi: 10.3847/1538-4357/add738.
- [47] "JWST observations of starbursts: cold clouds and plumes launching in the M 82 outflow" Fisher, D. B., Bolatto, A. D., Chisholm, J., Fielding, D., Levy, R. C., Tarantino, E., Boyer, M. L., Cronin, S. A., Lopez, L. A., Smith, J. D., Berg, D. A., Lopez, S., Veilleux, S., van der Werf, P. P.,

Böker, T., Boogaard, L. A., Lenkić, L., Glover, S. C. O., Villanueva, V., Mayya, D., Lai, T. S. Y., Dale, D. A., Emig, K. L., Walter, F., Relaño, M., De Looze, I., Mills, E. A. C., Leroy, A. K., Meier, D. S., Herrera-Camus, R., Klessen, R. S. 2025, MNRAS, 538, 3068, doi: 10.1093/mnras/staf363.

- [46] "Tracing the Earliest Stages of Star and Cluster Formation in 19 Nearby Galaxies with PHANGS-JWST and HST: Compact 3.3 μm Polycyclic Aromatic Hydrocarbon Emitters and Their Relation to the Optical Census of Star Clusters"
 Rodríguez, M. J., Lee, J. C., Indebetouw, R., Whitmore, B. C., Maschmann, D., Williams, T. G., Chandar, R., Barnes, A. T., Gnedin, O. Y., Sandstrom, K. M., Rosolowsky, E., Leroy, A. K., Thilker, D. A., Kim, H., Sun, J., Klessen, R. S., Groves, B., Wofford, A., Boquien, M., Dale, D. A., Úbeda, L., Larson, K. L., Grasha, K., Johnson, K. E., Levy, R. C., Bigiel, F., Hassani, H., Sarbadhicary, S. K. 2025, ApJ, 983, 137, doi: 10.3847/1538-4357/adbb69.
- [45] "JWST Observations of Starbursts: Relations between PAH features and CO clouds in the starburst galaxy M82"
 Villanueva, V., Bolatto, A. D., Herrera-Camus, R., Leroy, A., Fisher, D. B., Levy, R. C., Böker, T., Boogaard, L., Cronin, S. A., Dale, D. A., Emig, K., De Looze, I., Donnelly, G. P., Lai, T. S. Y., Lenkic, L., Lopez, L. A., Lopez, S., Meier, D. S., Ott, J., Relano, M., Smith, J. D., Tarantino, E., Veilleux, S., Walter, F., van der Werf, P. 2025, A&A, 695, A202, doi: 10.1051/0004-6361/202553891.
- [44] "Central versus Global Quenching Traced by the APEX-CALIFA Survey"
 Barrera-Ballesteros, J. K., Cruz-González, I., Colombo, D., Sánchez, S. F., Levy, R. C., Villanueva, V., Wong, T., Bolatto, A., Alonso Hernández, D. 2025, ApJ, 978, 23, doi: 10.3847/1538-4357/ad85d1.
- [43] "Single Aperture Large Telescope for Universe Studies (SALTUS): Science Overview"
 Chin, G., Anderson, C. M., Bergner, J., Biver, N., Bjoraker, G. L., Cavalie, T., DiSanti, M., Gao, J.-R., Hartogh, P., Harding, L. K., Hu, Q., Kim, D., Kulesa, C., de Lange, G., Leisawitz, D. T., Levy, R. C., Lichtenberger, A., Marrone, D. P., Najita, J., Newswander, T., Rieke, G. H., Rigopoulou, D., Roefsema, P., Roth, N. X., Schwarz, K., Shirley, Y., Spilker, J., Stark, A. A., van der Tak, F., Takashima, Y., Tielens, A., Willner, D. J., Wollack, E. J., Yates, S., Young, E., Walker, C. K. 2024, JATIS, 10, 042310, doi: 10.1117/1.JATIS.10.4.042310.
- [42] "Disk Turbulence and Star Formation Regulation in High-z Main-sequence Analog Galaxies"
 Lenkić, L., Fisher, D. B., Bolatto, A. D., Teuben, P. J., Levy, R. C., Sun, J., Herrera-Camus, R.,
 Glazebrook, K., Obreschkow, D., Abraham, R. 2024, ApJ, 976, 88, doi: 10.3847/1538-4357/ad758c.
- [41] "JWST MIRI and NIRCam observations of NGC 891 and its circumgalactic medium"
 Chastenet, J., De Looze, I., Relaño, M., Dale, D. A., Williams, T. G., Bianchi, S., Xilouris, E. M., Baes, M., Bolatto, A. D., Boyer, M. L., Casasola, V., Clark, C. J. R., Fraternali, F., Fritz, J., Galliano, F., Glover, S. C. O., Gordon, K. D., Hirashita, H., Kennicutt, R., Nagamine, K., Kirchschlager, F., Klessen, R. S., Koch, E. W., Levy, R. C., McCallum, L., Madden, S. C., McLeod, A. F., Meidt, S. E., Mosenkov, A. V., Richie, H. M., Saintonge, A., Sandstrom, K. M., Schneider, E. E., Sivkova, E. E., Smith, J. D. T., Smith, M. W. L., van der Wel, A., Walch, S., Walter, F., Wood, K. 2024, A&A, 690, A348, doi: 10.1051/0004-6361/202451033.
- [40] "Neutral atomic and molecular gas dynamics in the nearby spiral galaxies NGC 1512, NGC 4535, and NGC 7496"
 Laudage, S., Eibensteiner, C., Bigiel, F., Leroy, A. K., Meidt, S., Schinnerer, E., de Blok, W. J. G., Querejeta, M., Stuber, S., Colombo, D., Rosolowsky, E., Pisano, D. J., Utomo, D., Levy, R. C., Klessen, R., Cao, Y., Koch, E. W., Kurapati, S., Sanchez-Blazquez, P., Neumann, J., Neumann, L., Pan, H.-A., Williams, T. G. 2024, A&A, 690, A169, doi: 10.1051/0004-6361/202450265.
- [39] "JWST Observations of Starbursts: Massive Star Clusters in the Central Starburst of M 82" Levy, R. C., Bolatto, A. D., Mayya, D., Cuevas-Otahola, B., Tarantino, E., Boyer, M. L., Boogaard,

L. A., Böker, T., Cronin, S. A., Dale, D. A., Donaghue, K., Emig, K. L., Fisher, D. B., Glover, S. C. O., Herrera-Camus, R., Jiménez-Donaire, M. J., Klessen, R. S., Lenkić, L., Leroy, A. K., De Looze, I., Meier, D. S., Mills, E. A. C., Ott, J., Relaño, M., Veilleux, S., Villanueva, V., Walter, F., van der Werf, P. P. 2024, ApJL, 973, L55, doi: 10.3847/2041-8213/ad7af3.

- [38] "Milky Way and Nearby Galaxies Science with the SALTUS Space Observatory"
 Levy, R. C., Tielens, A., Spilker, J., Marrone, D. P., Narayanan, D., Walker, C. K. 2024, JATIS, 10, 042304, doi: 10.1117/1.JATIS.10.4.042304.
- [37] "High-Redshift Extragalactic Science with the Single Aperture Large Telescope for Universe Studies (SALTUS) Space Observatory"
 Spilker, J., Levy, R. C., Marrone, D., Alberts, S., Chapman, S. C., Dickinson, M., Egami, E., Endsley, R., Narayanan, D., Rieke, G., Stark, A. A., Tielens, A., Walker, C. K. 2024, JATIS, 10, 042305, doi: 10.1117/1.JATIS.10.4.042305.
- [36] "PHANGS-HST Catalogs for ~100,000 Star Clusters and Compact Associations in 38 Galaxies. I. Observed Properties"
 Maschmann, D., Lee, J. C., Thilker, D. A., Whitmore, B. C., Deger, S., Boquien, M., Chandar, R., Dale, D. A., Wofford, A., Hannon, S., Larson, K. L., Leroy, A. K., Schinnerer, E., Rosolowsky, E., Úbeda, L., Barnes, A. T., Emsellem, E., Grasha, K., Groves, B., Indebetouw, R., Kim, H., Klessen, R. S., Kreckel, K., Levy, R. C., Pinna, F., Rodríguez, M. J., Tian, Q., Williams, T. G. 2024, ApJS, 273, 14, doi: 10.3847/1538-4365/ad3cd3.
- [35] "Hidden Gems on a Ring: Infant Massive Clusters and Their Formation Timeline Unveiled by ALMA, HST, and JWST in NGC 3351"
 Sun, J., He, H., Batschkun, K., Levy, R. C., Emig, K., Rodríguez, M. J., Hassani, H., Leroy, A. K., Schinnerer, E., Ostriker, E. C., Wilson, C. D., Bolatto, A. D., Mills, E. A. C., Rosolowsky, E., Lee, J. C., Dale, D. A., Larson, K. L., Thilker, D. A., Ubeda, L., Whitmore, B. C., Williams, T. G., Barnes, A. T., Bigiel, F., Chevance, M., Glover, S. C. O., Grasha, K., Groves, B., Henshaw, J. D., Indebetouw, R., Jiménez-Donaire, M. J., Klessen, R. S., Koch, E. W., Liu, D., Mathur, S., Meidt, S., Menon, S. H., Neumann, J., Pinna, F., Querejeta, M., Sormani, M. C., Tress, R. G. 2024, ApJ, 967, 133, doi: 10.3847/1538-4357/ad3de6.
- [34] "JWST Observations of Starbursts: Polycyclic Aromatic Hydrocarbon Emission at the Base of the M82 Galactic Wind"
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