

Rebecca C. Levy

STScI Postdoctoral Fellow

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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

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| Sept 2024 – present | STScI Postdoctoral Fellow 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 90% independent research / 10% outreach (U. Arizona Women in Science and Engineering) |

Education

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| Dec 2021 | Ph.D. in Astronomy University of Maryland, College Park, MD, USA <i>“Investigating Star Formation Feedback through Gas Kinematics in Nearby Galaxies”</i> Advisor: Prof. Alberto Bolatto |
| 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: 51 papers — 1589 citations — h-index = 23

First-authored & supervised: 8 papers — 246 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 M82*”
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 M82 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 & Awards

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| 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

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

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

Scientific Presentations

Invited Reviews and Colloquia

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| Fall 2025 (<i>sched.</i>) | U. Connecticut Astronomy Seminar | Mansfield, CT |
| 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) |
| 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 — Review Talk | Green Bank, WV |

Invited Talks

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| Oct 2025 | Lorentz Center Workshop: Galactic Centers as Tracers of Galaxy Evolution | Leiden, Netherlands |
| Aug 2025 | Ascona Meeting on Cosmic ISM and Stellar Populations | Ascona, Switzerland |
| Oct 2024 | Center for Astrophysics (CfA) Seminar | Cambridge, MA |
| 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: “ <i>How does small-scale physics drive galaxy evolution?</i> ” | (Virtual) |
| Oct 2020 | Center for Cosmology & AstroParticle Physics Seminar | (Virtual) |

Contributed Talks (past 3 years)

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| 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 243 st 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

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| June 2025 | NIRCam and MIRI images of M 82 from JWST program #1701 featured as the NASA/ ESA/CSA JWST Picture of the Month: “ <i>A starburst shines in the infrared.</i> ” |
| Apr 2024 | Quoted in NASA Press Release “ <i>NASA’s Webb Probes an Extreme Starburst Galaxy.</i> ” (Cross-posted by ESA , Webb Telescope , Space.com , U. Arizona , U. Maryland , MPIA , etc.) |
| 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 eNews Vol. 14, Issue 5.

Students Mentored

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| 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 prep. Undergrad at U. Kansas & NSF GRFP grad student at U. Maryland |
| Lauren Cooke | May 2020, Summer 2019 | Publication: Cooke, Levy, et al. 2022, MNRAS High school senior & undergrad at Harvard U. (Now: AI Data Analyst) |
| Brandon Davey | Jan 2020 | GRAD-MAP Winter Workshop Publication: Cooke, Levy, ... Davey, et al. 2022, MNRAS Undergrad of U. of South Florida (Now: Software Engineer) |
| Nathnael Feleke | Summer 2019, Jan 2019 | GRAD-MAP Summer Scholars Program & Winter Workshop Undergrad at Montgomery College, Takoma Park |
| 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 Engineer) |

Professional Service & Memberships

Referee for articles published in

Nature Astronomy, AJ, ApJ, A&A, MNRAS

Working groups led

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| Feb 2025 – present | PRIMA “Cosmic Ecosystems” science working group |
| Apr 2022 – Oct 2024 | SALTUS “Milky Way & Nearby Galaxies” science working group |

Conferences organized

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| May 2024 | “ <i>Spatio-spectral Modeling of Interferometric Data: Preparing for the Wideband Era</i> ” | SOC |
| Jan 2023 | “ <i>2023 NSF AAPF Symposium</i> ” | Co-organizer |
| Oct 2019 | “ <i>The Warm Ionized Medium Workshop</i> ” | SOC |

Seminars organized

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

Review panels

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| Mar 2024 | NASA Review Panel — Executive Secretary |
| Cycle 31 | HST TAC |
| Mar 2023 | NSF Review Panel |

Committee service

Spring 2020 UMD Dept. of Astronomy faculty search committee
2017 – 2020 UMD Dept. of Astronomy Graduate Student Council rep.

Other service

(Carried out as part of STScI Fellowship functional duties.)

- Cycle 5 Co-lead editor of the JWST Call for Proposals
 Cycles 4, 5 JWST TAC Panel Manager

Collaboration membership

- Sept 2024 STScI ISM* research group
 Apr 2023 ACES/JACKS (ALMA CMZ Exploration Survey/JVLA Ammonia CMZ K-band Survey)
 Dec 2022 PHANGS (Physics at High Resolution in Nearby GalaxieS)
 Aug 2015 EDGE (Extragalactic Database for Galaxy Evolution)

Professional society membership

- International Astronomical Union (IAU) — Junior member
 American Astronomical Society (AAS) — Full member

Approved Observing Programs**ALMA** (Atacama Large Millimeter/submillimeter Array)

PI of 3 programs:

- Cycle 11 “*Unveiling Embedded Star Formation and Feedback in the Prototypical Merger-Starburst VV114*”
 Cycle 8 “*Complete Molecular Gas Coverage in Nearby Low-Luminosity AGN*”
 Cycle 7 “*Ionized Gas, Radiation Field, Masses, and Dust Temperature in Forming Massive Star Clusters in the NGC253 Starburst*”

Co-I on a total of 32 programs 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 Telescope)*I am certified to remotely operate the GBT.*

Co-I on a total of 3 programs in Semesters 2022b (1), 2021b (1 large), 2021a (1).

HST (Hubble Space Telescope)

Co-I on a total of 2 programs in Cycles 32 (1), 31 (1 treasury).

NOEMA (Northern Extended Millimeter Array)

Co-I on a total of 2 programs in Semesters 2022a (1), 2021b (1).

JWST (James Webb Space Telescope)

Co-I on a total of 6 programs in Cycles 3 (1), 2 (3 incl. 1 treasury), 1 (2), including:

- Cycle 1 “*Dissecting the Prototypical Starbursts NGC 253 and M82 and Their Cool Galactic Winds*”
 I led the technical planning and justification for this proposal.

LMT (Large Millimeter Telescope)

Co-I on a total of 1 program in Semester 2021-S1 (1).

SMA (Submillimeter Array)

Co-I on a total of 3 programs in Semesters 2025A (1), 2024B (1), 2018B (1).

SOFIA (Stratospheric Observatory for Infrared Astronomy)

PI of 1 program:

- Cycles 8/7 “*The GREAT Cigar: Mapping [CII] in the Disk and Outflow of M82*”
 Co-I on a total of 5 programs in Cycles 9 (1), 8 (2), 7 (2).

VLA (Very Large Array)

Co-I on a total of 8 programs in Semesters 2025a (1), 2024b (1), 2022b (2), 2022a (2), 2021b (1), 2019b (1).

Teaching Experience

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| Apr 2023 | Guest Lecturer: “ <i>Translational Science Communication</i> ” 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: “ <i>LaTeX Examples with Overleaf</i> ” 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 |
| Fall 2012 | Undergraduate Teaching Coordinator MATH 100/100AX: Prep. for College Algebra | U. Arizona |
| Spring 2012 | Lead Undergraduate Teaching Assistant MATH 100/100AX: Prep. for College Algebra | U. Arizona |
| Fall 2011 | Undergraduate Teaching Assistant MATH 100/100AX: Prep. for College Algebra | U. Arizona |

Outreach Experience

Imagine Your STEM Future (IYSF)

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

- 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](#).
- Mar 2024, Feb 2023 • Guest lecturer on my career path for students in IYSF program.

Public Lectures

- 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 – 2019 • Maryland Day, U. Maryland’s annual open house
- 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: 51 papers — 1589 citations — h-index = 23**Links to current publications in [ADS](#), [SciX](#), and [ORCID](#).

[51] “*Cool Dark Gas in Cygnus X: The First Large-scale Mapping of Low-frequency Carbon Recombination Lines*”

Emig, K. L., Salas, P., Anderson, L. D., Roshi, D. A., Bonne, L., Bolatto, A. D., Grenier, I. A., **Levy, R. C.**, Linville, D. J., Luisi, M., Owens, M. R., Poojapriyatharsheni, J., Schneider, N., Tibaldo, L., Tielens, A. G. G. M., Walch, S. K., White, G. J. 2025, ApJ, 992, 216, doi: [10.3847/1538-4357/adfa17](https://doi.org/10.3847/1538-4357/adfa17).

[50] “*JWST Observations of Starbursts: PAHs Closely Trace the Cool Phase of M82’s Galactic Wind*”

Lopez, S., Ring, C., Leroy, A. K., Cronin, S. A., Bolatto, A. D., Lopez, L. A., Villanueva, V., Fisher, D. B., Thompson, T. A., Armus, L., Boeker, T., Boogaard, L. A., Boyer, M. L., Chown, R., Dale, D. A., Donaghue, K., Emig, K., Glover, S. C. O., Herrera-Camus, R., Klessen, R. S., Lai, T. S. Y., Lenkic, L., **Levy, R. C.**, Meier, D. S., Mills, E., Ott, J., Skillman, E. D., Smith, J. D. T., Tarantino, E. J., Veilleux, S., Walter, F., van der Werf, P. P. 2025, ApJL, submitted, doi: [10.48550/arXiv.2510.01314](https://arxiv.org/abs/2510.01314).

- [49] “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](https://doi.org/10.3847/1538-4357/add738).
- [48] “JWST observations of starbursts: cold clouds and plumes launching in the M82 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](https://doi.org/10.1093/mnras/staf363).
- [47] “Tracing the Earliest Stages of Star and Cluster Formation in 19 Nearby Galaxies with PHANGS-JWST and HST: Compact 3.3 μ m 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](https://doi.org/10.3847/1538-4357/adbb69).
- [46] “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., Lenkić, 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](https://doi.org/10.1051/0004-6361/202553891).
- [45] “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](https://doi.org/10.3847/1538-4357/ad85d1).
- [44] “Single Aperture Large Telescope for Universe Studies (SALTUS): Science Overview”
 Chin, G., Anderson, C. M., Bergner, J., Biver, N., Bjouraker, 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: [10.1111/1.JATIS.10.4.042310](https://doi.org/10.1111/1.JATIS.10.4.042310).
- [43] “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](https://doi.org/10.3847/1538-4357/ad758c).
- [42] “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](https://doi.org/10.1051/0004-6361/202451033).
- [41] “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](https://doi.org/10.1051/0004-6361/202450265).
- [40] “*JWST Observations of Starbursts: Massive Star Clusters in the Central Starburst of M82*”
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](https://doi.org/10.3847/2041-8213/ad7af3).
- [39] “*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](https://doi.org/10.1117/1.JATIS.10.4.042304).
- [38] “*High-Redshift Extragalactic Science with the Single Aperture Large Telescope for Universe Studies (SALTUS) Space Observatory*”
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