Space Telescope Science Institute
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Research Interests

Galaxy formation and evolution, high redshift galaxies, galaxy structures, gas and stellar kinematics, dynamical modeling, galaxy quenching

Education

2017	**Ph.D. Astrophysics**, *University of California, Berkeley*
	Dissertation: Galaxies in the Young Universe: Structures, Masses, and Composition of Star-Forming Galaxies at $z \sim 1.5 - 3$
	Advisor: Mariska Kriek
2013	**M.A. Astrophysics**, *University of California, Berkeley*
2011	**B.S. Physics**, *with honors*, *California Institute of Technology*

Professional Positions

2025-present	Astronomical Data Scientist II, Space Telescope Science Institute, MD, USA
2022-2025	Samuel P. Langley PITT PACC Fellow, University of Pittsburgh, PA, USA
2017-2022	Postdoctoral Scholar, Max-Planck-Institut für extraterrestrische Physik, Garching, Germany
2011-2017	Graduate Student, UC Berkeley, CA, USA
2008-2010	Summer Undergraduate Research Fellow; undergrad. researcher, Caltech, Pasadena, CA, USA

Fellowships & Awards

2022	Samuel P. Langley PITT PACC Fellowship, University of Pittsburgh
2014	Outstanding Graduate Student Instructor Award, UC Berkeley
2012	NSF Graduate Research Fellowship, UC Berkeley
2009	Margie Lauritsen Leighton Prize, Caltech

Large Surveys and Collaborations

UNCOVER/MegaScience, *JWST Cycle 1 Treasury / Cycle 2 programs*; ***Survey Manager*** *(PIs: UNCOVER: I. Labbé, R. Bezanson / MegaScience: K.A. Suess)*

NOEMA^{3D}, *MPG-IRAM Observatory Program IRAM/NOEMA survey (PIs: R. Genzel, R. Neri, L.J. Tacconi)*

KMOS^{3D}, *VLT/KMOS GTO survey (PIs: N.M. Förster Schreiber, D. Wilman)*

MOSDEF, *MOSFIRE Deep Evolution Field Survey, Keck Large Multi-Year Project (PIs: A.E. Shapley, A.L. Coil, M. Kriek, B. Mobasher, N.A. Reddy, B. Siana)*

3D-HST, *HST Treasury grism survey (PI: P. van Dokkum)*

Approved Proposals as PI

Pitt Center for Research Computing, 2025, "Characterizing the Composition and Shapes of Distant (z>1) Galaxies with JWST", 1,500,000 hrs

ALMA, Cycle 11, 2024.1.01599.S, "Revealing the connection between massive cores and quenching with ALMA", 7.2 hrs

Pitt Center for Research Computing, 2024, "Characterizing Morphologies of Distant (z>1) Galaxies with JWST imaging", 228,900 hrs

Approved Proposals as Co-I

JWST, MIRI/NIRCam, Cycle 4, #7814, "MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging Legacy with Medium Bands", 259.8 hrs *(PI: A. Muzzin; D. Marchesini; K. Suess)*

JWST, NIRSpec, Cycle 4, #8607, "Studying cosmic noon at 200 parsec scales: resolved spectroscopy of a magnified dusty quiescent galaxy", 19.7 hrs *(PI: J. Siegel)*

JWST, NIRSpec, Cycle 4, #8317, "The Return of the Giants: Constraining the TP-AGB Phase across Cosmic Time", 7.6 hrs *(PI: M. Kriek)*

JWST, NIRSpec, Cycle 4, #8047, "Extremely massive galaxies in the early universe? Confirming the nature of the most model-breaking object by hunting for stellar absorption features", 19.7 hrs *(PI: B. Wang)*

HST, WFC3/UVIS, Cycle 32, #17730, "Fulfilling the UV Legacy of the Hubble and Webb Deep Public Frontier Field", 72 orbits *(PI: K. Whitaker)*

ALMA, Cycle 11, 2024.1.01490.S, "Resolving the SUSPENSE: constraining the quenching mechanisms of high-redshift massive quiescent galaxies", 42.9 hrs *(PI: P. Mancera Piña)*

ALMA, Cycle 11, 2024.1.01443.S, "The molecular gas properties of giant star-forming clumps in a z=2.2 MS galaxy", 25.3 hrs *(PI: R. Herrera-Camus)*

ALMA, Cycle 11, 2024.1.01197.S, "First Dynamical and FIR Characterizations of an X-ray luminous AGN host galaxy at z > 10", 9.7 hrs *(PI: S. Fujimoto)*

ALMA, Cycle 11, 2024.1.00826.S, "Of Dust and Dots: ALMA's View of the Brightest of JWST's Little Red Dots", 19 hrs *(PI: J. Greene)*

ALMA, Cycle 11, 2024.1.00551.S, "Probing the Host Galaxies of 45 Broad-line Little Red Dots at zspec =4.13-8.50 with ALMA", 44.8 hrs *(PI: S. Fujimoto)*

JWST, NIRSpec, Cycle 3, #5629, "Extremely deep spectroscopy of quiescent galaxies at z∼0.7: A direct measurement of the stellar initial mass function beyond the low-redshift universe", 40 hrs *(PIs: M. Kriek, A. Beverage, C. Cheng)*, **funded co-I / Pitt: $39k**

JWST, NIRSpec, Cycle 3, #6405, "Clumpy Relics: The First Spectroscopic Confirmation of Globular Clusters at z∼3", 20 hrs *(PIs: S. Cutler, K. Whitaker)*

JWST, NIRSpec, Cycle 3, #5974, "ORCHIDS: ORigin of the [C II] Halos In Distant Systems", 43 hrs *(PIs: M. Aravena, J. González López)*

IRAM/NOEMA, W23, W23DA, "Resolved [CII] Kinematics and ISM Properties of z > 6 Galaxies – II: Pilot High-Resolution Mapping", 35 hrs *(PI: N.M. Förster Schreiber)*

ALMA, Cycle 10, 2023.1.00626.S, "A joint ALMA and JWST public Legacy Field - Abell 2744", 29.7 hrs *(PI: V. Kokorev)*

JWST, NIRCam, Cycle 2, #4111, "Medium bands, Mega Science: spatially-resolved R∼15 spectrophotometry of 50,000 sources at z=0.3-12", 50 hrs *(PI: K. Suess)*

JWST, NIRSpec, Cycle 2, #4106, "Extremely massive galaxies in the early universe: a challenge to Lambda-CDM?", 14 hrs *(PIs: E. Nelson, I. Labbé)*

JWST, NIRSpec, Cycle 2, #4196, "How to Form a Compact Massive Galaxy: Spatially Resolved Maps of Pa-beta at z=2.3", 2.7 hrs *(PI: J. Gibson)*

JWST, NIRSpec/NIRCam, Cycle 2, #4265, "Unveiling the interplay between the circumgalactic and interstellar media in a complex protocluster environment at z=4.5", 17 hrs *(PI: J. González López)*

IRAM/NOEMA, W22, W22EB, "Resolved [CII] Kinematics and ISM Properties of z > 6 Galaxies – I: Measuring the Fluxes", 30 hrs *(PI: N.M. Förster Schreiber)*

ALMA, Cycle 9, 2022.1.00073.S, "A joint ALMA and JWST public Legacy Field - Abell 2744", 37.2 hrs *(PI: S. Fujimoto)*

JWST, NIRCam/NIRSpec, Cycle 1 Treasury, #2561, "UNCOVER: Ultra-deep NIRCam and NIRSpec Observations Before the Epoch of Reionization", 71 hrs *(PIs: I. Labbé, R. Bezanson)*

JWST, NIRSpec, Cycle 1, #2110, "Ultra-deep continuum spectroscopy of quiescent galaxies at 1.0<z<2.5: chemical abundances and stellar kinematics", 23 hrs *(PIs: M. Kriek, A. Beverage)*

ALMA, Cycle 8 Large Program, 2021.1.00280.L, "CRISTAL: a survey of gas, dust and stars on kiloparsec scales in star-forming galaxies at z∼4-5", 138.7 hrs *(PIs: M. Aravena, I. de Looze, N.M. Förster Schreiber, J. González López, R. Herrera-Camus, J. Spilker, K. Tadaki)*

IRAM/NOEMA, W20, W20EM, "Resolved [CII] Kinematics and ISM Properties of a z > 6 Galaxy", 30 hrs *(PI: N.M. Förster Schreiber)*

Keck, LRIS, F20/F19, U049/U160, "An Unprecedented Probe of the Multi-Phase Structure and Kinematics of Outflows at High Redshift", 4 nights *(PI: A.E. Shapley)*

IRAM/NOEMA, W19, W19CJ, "Characterizing Molecular Gas in Quenching Galaxies at z>1", 24 hrs *(PI: S. Belli)*

IRAM/NOEMA, S19, L19MD, "NOEMA3D: a Comprehensive Census of the Molecular Gas Distribution & Kinematics of Massive Main-Sequence Star Forming Galaxies at the Peak and Winding Down of Galaxy Formation Activity", 1,300 hrs *(PIs: R. Genzel, R. Neri, L. Tacconi)*

ALMA, Cycle 7, 2019.1.00477.S, "ColdSINS: an ALMA cold gas census of the deepest near-IR IFU+AO sample of z∼2 star-forming galaxies", 15 hrs *(PI: N.M. Förster Schreiber)*

ALMA, Cycle 7, 2019.1.01362.S, "Testing the high-z main-sequence paradigm with ALMA: from disk instability to clumps, bulge formation and quenching", 31.6 hrs *(PI: R. Herrera-Camus)*

ALMA, Cycles 6 & 7, 2018.1.00543.S / 2019.1.00640.S, "Simultaneous AGN and star formation driven feedback in action on a massive, typical galaxy at z∼2", 19.6 hrs *(PI: R. Herrera-Camus)*

IRAM/NOEMA, W18, W18DG, "A Pilot Program for NOEMA3D: a Comprehensive Survey of Molecular Gas Kinematics and Distributions at Cosmic Noon", 35 hrs *(PI: R. Genzel)*

IRAM/NOEMA, W18, W18DN, "[CII] 158 micron line emission from three galaxies when the Universe was 700 million years old", 45 hrs *(PI: R. Herrera-Camus)*

IRAM/NOEMA, W18, W18DF, "Measuring the Molecular Gas Content of a Quenching Galaxy at z=1", 20 hrs *(PI: S. Belli)*

VLT, SINFONI, Period 102, 0102.B-0062, "Witnessing angular momentum transport and the build-up of massive bulges through kiloparsec-scale kinematics of massive z=1-1.5 star-forming galaxies with SINFONI+AO", 7 nights *(PI: N.M. Förster Schreiber)*

VLT, SINFONI, Period 102, 0102.B-0087, "Connecting galaxies through cosmic time – the outer disk rotation curves and baryonic-to-dark matter ratios of low-velocity galaxies at z=1-2", 4 nights *(PI: H. Übler)*

Keck, MOSFIRE/LRIS, F18/S18/F17/S17/F16, U094/U258/U147/U091/U195, "The Heavy Metal Survey: The chemical enrichment, star-formation and assembly histories of z∼1.4-2.3 quiescent galaxies", 10/1 nights *(PI: M. Kriek)*

Observing Experience

European Southern Observatory, VLT, SINFONI (3 nights)

W. M. Keck Observatory, Keck I 10 m telescope, MOSFIRE (10.5 nights), OSIRIS (3.5 nights), LRIS (0.5 night)

Software Development

`Dysmalpy`: *MPE/IR-Submm Group, Co-lead & major contributor; Kinematic analysis in 1D, 2D, or 3D; port of IDL DYSMAL package (Cresci et al. 2009, Davies et al. 2011, Genzel et al. 2017). Led significant extensions adding multi-D support, Bayesian sampling, non-circular motions, and support for multiple observations including different kinematic tracers. Used in Price et al. 2021, Herrera-Camus et al. 2022, Übler et al. 2022, Nestor Shachar et al. 2023, Lee et al., subm.*
Repository: https://github.com/dysmalpy/dysmalpy
Docs: https://www.mpe.mpg.de/resources/IR/DYSMALPY/

`BEAST` (Bayesian Evaluation of Axis ratios to Sample galaxy Triaxiality): *Developed package for using Bayesian sampling to model galaxy ensemble 3D shapes through axis ratio fitting. Used in Gibson et al. 2024; Price et al. in prep. (accompanying public release)*

`deprojected_sersic_models`: *Developed package to compute and scale pre-computed deprojected oblate (or prolate) Sérsic model mass, density, and kinematic profiles. Used in Price et al. 2022.*
https://github.com/sedonaprice/deprojected_sersic_models
Docs: https://sedonaprice.github.io/deprojected_sersic_models

`misfit`: *Developed package for 2D or 1D modeling of galaxy kinematics from misaligned slits, using spatially-resolved imaging profiles. Used in Price et al. 2016, 2020.*
https://github.com/sedonaprice/misfit

`astropy/visualization`: *Contributor: added generalized scripts to generate RGB images, extending current functionality.* https://github.com/astropy/astropy/pull/15081

Teaching

2023, 2024	AstroPGH Python Bootcamp, *Module instructor*, University of Pittsburgh
2013	Astro C10, *Co-head GSI, Introductory course for non-majors*, UC Berkeley
2012	Astro 7b, *GSI, Introductory course for majors*, UC Berkeley
2011	Astro C10, *GSI, Introductory course for non-majors*, UC Berkeley
2010, 2011	Physics 6, *TA, Sophomore physics major lab*, Caltech

Student supervision & research mentoring

Yunchong Zhang *(co-supervised, U. Pittsburgh graduate student, 2023–)*

Morgana Iacocca *(co-supervised, U. Pittsburgh undergraduate/postbacc student, 2023–)*
Lilian Lee *(research mentoring, MPE graduate student, 2021–)*
Amit Nestor Shachar *(research mentoring, Tel Aviv University graduate student, 2019–)*
Meng Luo *(co-supervised, UC Berkeley undergraduate student, 2014–2015)*

Presentations

Colloquia & Seminars:

2024 Feb	Colloquium, Cornell University, Ithaca, NY, USA
2024 Feb	Seminar, Cornell University, Ithaca, NY, USA
2023 May	Talk, Impossible Problems: Astronomy and Statistics Series, CMU, Pittsburgh, PA, USA
2023 Feb	AstroLunch seminar, University of Pittsburgh, Pittsburgh, PA, USA
2022 Oct	Colloquium, Penn State University, State College, PA, USA
2022 Jun	Talk, Scientific Advisory Board, MPE, Garching, Germany
2017 Jun	Cosmology seminar, UC Davis, CA, USA
2016 Nov	Tea talk, Caltech, Pasadena, CA, USA
2016 Nov	Lunch seminar, Carnegie Observatories, Pasadena, CA, USA
2016 Nov	Seminar, CfA/Harvard, Cambridge, MA, USA
2016 Nov	Lunch talk, MIT, Cambridge, MA, USA
2015 Nov	Lunch talk, UC Berkeley, CA, USA
2013 Oct	Lunch talk, UC Berkeley, CA, USA

Conferences & Workshops:

2025 Apr	**Invited talk*, Big Galaxies, Big Problems, Lorentz Center, Leiden, the Netherlands
2024 Aug	**Invited talk*, Measures of Luminous and Dark Matter in Galaxies Across Time, IAU General Assembly 2024: Focus Meeting 9, Cape Town, South Africa
2024 Jun	**Invited talk*, Galaxy Evolution at High Resolution, Ringberg, Germany
2024 Mar	*Talk*, The Physics and Impact of Astrophysical Dust: from Star Formation Through Cosmology, Aspen Center for Physics, Aspen, CO, USA
2023 Mar	*Talk*, Early results from the James Webb Space Telescope, KICC, Cambridge, UK
2022 Sep	*Talk*, Epoch of Galaxy Quenching 2022, KICC, Cambridge, UK
2022 Jul	**Invited talk*, In Situ View of Galaxy Formation 2, Ringberg, Germany
2022 Jun	*Talk*, LEGA-C Collaboration workshop, Bruges, Belgium
2021 Sep	*Talk*, Spatially Resolved Spectroscopy with Extremely Large Telescopes, University of Oxford, virtual
2020 Mar	**Invited talk*, GALFEED, IAU Symposium 359, Bento Gonçalves, RS, Brazil
2019 Oct	**Invited talk*, Revolutionary Spectroscopy of Today as a Springboard to Webb, Lorentz Center, Leiden, the Netherlands
2019 Sep	**Invited talk*, Second Forum on Gas in Galaxies, KIAA, Beijing, China
2019 Mar	**Invited talk*, MOSAIC 2019 Science meeting, Universität Heidelberg, Heidelberg, Germany
2018 Dec	*Talk*, KMOS@5, ESO Workshop, Garching, Germany
2018 Aug	*Talk*, Santa Cruz Galaxy Workshop, Santa Cruz, CA, USA
2017 Jun	*Talk*, Advances in Galaxy Evolution, Ringberg, Germany
2016 Sep	*Talk*, Keck Science Meeting, Pasadena, CA, USA
2016 Aug	*Talk*, Santa Cruz Galaxy Workshop, Santa Cruz, CA, USA
2016 Jul	*Talk*, Discs in Galaxies, Munich Joint Conference, Garching, Germany
2016 Apr	*Poster*, What Shapes Galaxies?, STScI Spring Symposium, Baltimore, MD, USA
2015 Aug	*Talk*, Galaxies at High Redshift and Their Evolution over Cosmic Time, IAU Symposium 319, Honololu, HI, USA
2013 May	*Talk*, Galaxy formation from z=5 to z=0, Lorentz Center, Leiden, the Netherlands

Service

——	Referee, *The Astrophysical Journal (ApJ), Nature*
2025	JWST TAC discussion panelist, *Cycle 4*
2024	JWST TAC discussion panelist, *Cycle 3*
2023	Pittsburgh AstroLunch co-organizer, University of Pittsburgh
2023 Sep	Discussion leader, *Astro group NSF GRFP application session*, University of Pittsburgh

2013-2016	Mentoring coordinator, *co-head of grad student mentoring program*, UC Berkeley
2013-2015	Mentor, *mentoring junior graduate student*, UC Berkeley
2012-2015	Graduate Student Representative, *Astronomy Department*, UC Berkeley

Science Communication

2024 Nov	Astronomy on Tap, *Public Outreach talk*, Pittsburgh, PA, USA
2023 Apr	Astronomy on Tap, *Public Outreach talk*, Pittsburgh, PA, USA
2020 Jan	IR Group Science and Instrument presentation, *Visiting college student tour*, MPE
2017 Apr	Solar Activities, *Marin Elementary STEAM day*, UC Berkeley
2012-2017	Annual Cal Day, *Astronomy Department exposition*, UC Berkeley
2014-2017	Mentoring Group, *Society of Women in Physical Sciences*, UC Berkeley
2016 May	Solar Viewing, *Ecology Center Festival*, UC Berkeley
2011-2015	Annual Bay Area Science Festival, *Science@Cal*, UC Berkeley
2013-2015	Annual Astronomy Demo Day, *Meher School 5th grade class*, UC Berkeley
2012-2014	Mentor, *Berkeley Compass Project*, UC Berkeley
2012 Mar	Expanding Your Horizons workshop, *for middle school girls*, UC Berkeley

First & Second Author and Student-led Publications

8 first– and *6 second/student-led*–author publications – 515 *(236)* citations

†*Denotes student-led paper*

14. **Price, S. H.**, Bezanson, R., Labbe, I., et al., *"The UNCOVER Survey: First Release of Ultradeep JWST/NIRSpec PRISM Spectra for ∼ 700 Galaxies from z ∼ 0.3–13 in A2744,"* 2025, ApJ 982 51
13. **Price, S. H.**, Suess, K. A., Williams, C. C., et al., *"UNCOVER: The Rest-ultraviolet to Near-infrared Multiwavelength Structures and Dust Distributions of Submillimeter-detected Galaxies in A2744,"* 2025, ApJ 980 11
12. †Lee, L. L., Förster Schreiber, N. M., **Price, S. H.**, et al., *"Disk Kinematics at High Redshift: DysmalPy's Extension to 3D Modeling and Comparison with Different Approaches,"* 2025, ApJ 978 14
11. †Zhang, Y., Setton, D. J., **Price, S. H.**, et al., *"DESI Massive Poststarburst Galaxies at z ∼ 1.2 Have Compact Structures and Dense Cores,"* 2024, ApJ 976 36
10. †Nestor Shachar, A., **Price, S. H.**, Förster Schreiber, N. M., et al., *"RC100: Rotation Curves of 100 Massive Star-forming Galaxies at z = 0.6-2.5 Reveal Little Dark Matter on Galactic Scales,"* 2023, ApJ 944 78
9. **Price, S. H.**, Übler, H., Förster Schreiber, N. M., et al., *"Kinematics and mass distributions for non-spherical deprojected Sérsic density profiles and applications to multi-component galactic systems,"* 2022, A&A 665 A159
8. **Price, S. H.**, Shimizu, T. T., Genzel, R., et al., *"Rotation Curves in z∼1-2 Star-forming Disks: Comparison of Dark Matter Fractions and Disk Properties for Different Fitting Methods,"* 2021, ApJ 922 143
7. Genzel, R., **Price, S. H.**, Übler, H., et al., *"Rotation Curves in z∼1-2 Star-forming Disks: Evidence for Cored Dark Matter Distributions,"* 2020, ApJ 902 98
6. **Price, S. H.**, Kriek, M., Barro, G., et al., *"The MOSDEF Survey: Kinematic and Structural Evolution of Star-forming Galaxies at 1.4 ≤ z ≤ 3.8,"* 2020, ApJ 894 91
5. Kriek, M., **Price, S. H.**, Conroy, C., et al., *"Stellar Metallicities and Elemental Abundance Ratios of z ∼ 1.4 Massive Quiescent Galaxies,"* 2019, ApJL 880 L31
4. **Price, S. H.**, Kriek, M., Feldmann, R., et al., *"Testing the Recovery of Intrinsic Galaxy Sizes and Masses of z∼2 Massive Galaxies Using Cosmological Simulations,"* 2017, ApJL 844 L6
3. **Price, S. H.**, Kriek, M., Shapley, A. E., et al., *"The MOSDEF Survey: Dynamical and Baryonic Masses and Kinematic Structures of Star-Forming Galaxies at 1.4 ≤ z ≤ 2.6,"* 2016, ApJ 819 80
2. **Price, S. H.**, Kriek, M., Brammer, G. B., et al., *"Direct Measurements of Dust Attenuation in z ∼ 1.5 Star-Forming Galaxies from 3D-HST: Implications for Dust Geometry and Star Formation Rates,"* 2014, ApJ 788 86

1. Bergé, J., **Price, S.**, Amara, A., & Rhodes, J., *"On point spread function modelling: towards optimal interpolation,"* 2012, MNRAS 419 2356

Contributing Author Publications

140 contributing publications – 11506 citations

140. McConachie, I., de Graaff, A., Maseda, M. V., et al., including **SHP**, *"Where Galaxies Go to Die: The Environments of Massive Quiescent Galaxies at* $3 < z < 5$*,"* 2025, arXiv:2510.25024
139. Parlanti, E., Tozzi, G., Förster Schreiber, N. M., et al., including **SHP**, *"Resolving stellar populations, star formation, and ISM conditions with JWST in a large spiral galaxy at* $z \sim 2$*,"* 2025, arXiv:2510.09820
138. Mitsuhashi, I., Suess, K. A., Leja, J., et al., including **SHP**, *"Discovery of red galaxy candidates at* $z \sim 12$*: Early dust growth or significant nebular emission with high-temperature stars?,"* 2025, arXiv:2510.13240
137. Slob, M., Kriek, M., de Graaff, A., et al., including **SHP**, *"Fast rotators at cosmic noon: Stellar kinematics for 15 quiescent galaxies from JWST-SUSPENSE,"* 2025, A&Ap 702 A110
136. Pan, R., Suess, K. A., Marchesini, D., et al., including **SHP**, *"UNCOVER/MegaScience: No Evidence of Environmental Quenching in a* $z \sim 2.6$ *Protocluster,"* 2025, ApJL 990 L24
135. Setton, D. J., Greene, J. E., Spilker, J. S., et al., including **SHP**, *"A Confirmed Deficit of Hot and Cold Dust Emission in the Most Luminous Little Red Dots,"* 2025, ApJL 991 L10
134. Greene, J. E., Setton, D. J., Furtak, L. J., et al., including **SHP**, *"What you see is what you get: empirically measured bolometric luminosities of Little Red Dots,"* 2025, arXiv:2509.05434
133. Cheng, C. M., Slob, M., Kriek, M., et al., including **SHP**, *"Building up JWST-SUSPENSE: inside-out quenching at cosmic noon from age, Fe-, and Mg-abundance gradients,"* 2025, arXiv:2509.12316
132. Lee, L. L., Förster Schreiber, N. M., Herrera-Camus, R., et al., including **SHP**, *"The ALMA-CRISTAL survey: Resolved kinematic studies of main sequence star-forming galaxies at* $4 < z < 6$*,"* 2025, A&Ap 701 A260
131. Zhang, Y., de Graaff, A., Setton, D. J., et al., including **SHP**, *"RUBIES spectroscopically confirms the high number density of quiescent galaxies from* $2 < z < 5$*,"* 2025, arXiv:2508.08577
130. Miller, T. B., Suess, K. A., Setton, D. J., et al., including **SHP**, *"JWST UNCOVERs the Optical Size–Stellar Mass Relation at* $4 < z < 8$*: Rapid Growth in the Sizes of Low-mass Galaxies in the First Billion Years of the Universe,"* 2025, ApJ 988 196
129. Nestor Shachar, A., Sternberg, A., Genzel, R., et al., including **SHP**, *"A Large-scale Ring Galaxy at* $z = 2.2$ *Revealed by JWST/NIRCam: Kinematic Observations and Analytical Modelling,"* 2025, ApJ 988 182
128. Espejo Salcedo, J. M., Pastras, S., Vácha, J., et al., including **SHP**, *"Galaxy morphologies at cosmic noon with JWST: A foundation for exploring gas transport with bars and spiral arms,"* 2025, A&Ap 700 A42
127. Muzzin, A., Suess, K. A., Marchesini, D., et al., including **SHP**, *"MINERVA: A NIRCam Medium Band and MIRI Imaging Survey to Unlock the Hidden Gems of the Distant Universe,"* 2025, arXiv:2507.19706
126. Barfety, C., Jolly, J.-B., Förster Schreiber, N. M., et al., including **SHP**, *"PHIBSS: Searching for Molecular Gas Outflows in Star-forming Galaxies at* $z = 0.5$*–*2.6*,"* 2025, ApJ 988 55
125. Lorenz, B., Suess, K. A., Kriek, M., et al., including **SHP**, *"Measuring Emission Lines with JWST MegaScience Medium Bands: A New Window into Dust and Star Formation at Cosmic Noon,"* 2025, ApJL 988 L20
124. Wang, B., Leja, J., Atek, H., et al., including **SHP**, *"Population Models for Star Formation Timescales in Early Galaxies: The First Step toward Solving Outshining in Star Formation History Inference,"* 2025, ApJ 987 184
123. Herrera-Camus, R., González-López, J., Förster Schreiber, N., et al., including **SHP**, *"The ALMA-CRISTAL survey: Gas, dust, and stars in star-forming galaxies when the Universe was* ~ 1 *Gyr old: I. Survey overview and case studies,"* 2025, A&Ap 699 A80
122. Fujimoto, S., Bezanson, R., Labbe, I., et al., including **SHP**, *"DUALZ—Deep UNCOVER-ALMA Legacy High-Z Survey,"* 2025, ApJS 278 45
121. Mintz, A., Setton, D. J., Greene, J. E., et al., including **SHP**, *"Taking a Break at Cosmic Noon: Continuum-selected Low-mass Galaxies Require Long Burst Cycles,"* 2025, arXiv:2506.16510

120. Suess, K. A., Beverage, A. G., Kriek, M., et al., including **SHP**, *"Cold gas in a post-starburst pair at $z \sim 1.4$: major mergers as a pathway to quenching in the HeavyMetal survey,"* 2025, arXiv:2506.14361
119. Furtak, L. J., Secunda, A. R., Greene, J. E., et al., including **SHP**, *"Investigating photometric and spectroscopic variability in the multiply imaged little red dot A2744-QSO1,"* 2025, A&Ap 698 A227
118. Pastras, S., Genzel, R., Tacconi, L. J., et al., including **SHP**, *"NOEMA3D: A first kpc resolution study of a $z \sim 1.5$ main sequence barred galaxy channeling gas into a growing bulge,"* 2025, arXiv:2505.07925
117. Siegel, J. C., Setton, D. J., Greene, J. E., et al., including **SHP**, *"UNCOVER: Significant Reddening in Cosmic Noon Quiescent Galaxies,"* 2025, ApJ 985 125
116. de Graaff, A., Brammer, G., Weibel, A., et al., including **SHP**, *"RUBIES: A complete census of the bright and red distant Universe with JWST/NIRSpec,"* 2025, A&Ap 697 A189
115. Cutler, S. E., Weaver, J. R., Whitaker, K. E., et al., including **SHP**, *"The Structure and Formation Histories of Low-Mass Quiescent Galaxies in the Abell 2744 Cluster Environment,"* 2025, arXiv:2504.10572
114. Cooper, O. R., Brammer, G., Heintz, K. E., et al., including **SHP**, *"RUBIES: JWST/NIRSpec Resolves Evolutionary Phases of Dusty Star-forming Galaxies at $z \sim 2$,"* 2025, ApJ 982 125
113. Ma, Y., Greene, J. E., Setton, D. J., et al., including **SHP**, *"UNCOVER: 404 Error—Models Not Found for the Triply Imaged Little Red Dot A2744-QSO1,"* 2025, ApJ 981 191
112. de Graaff, A., Setton, D. J., Brammer, G., et al., including **SHP**, *"Efficient formation of a massive quiescent galaxy at redshift 4.9,"* 2025, Nature Astronomy 9 280-292
111. Beverage, A. G., Slob, M., Kriek, M., et al., including **SHP**, *"Carbon and Iron Deficiencies in Quiescent Galaxies at $z = 1$–3 from JWST-SUSPENSE: Implications for the Formation Histories of Massive Galaxies,"* 2025, ApJ 979 249
110. Martorano, M., van der Wel, A., Baes, M., et al., including **SHP**, *"Evolution of the Sérsic index up to $z = 2.5$ from JWST and HST,"* 2025, A&A 694 A76
109. Whitaker, K. E., Cutler, S. E., Chandar, R., et al., including **SHP**, *"Discovery of Ancient Globular Cluster Candidates in The Relic, a Quiescent Galaxy at z=2.5,"* 2025, arXiv:2501.07627
108. Labbe, I., Greene, J. E., Bezanson, R., et al., including **SHP**, *"UNCOVER: Candidate Red Active Galactic Nuclei at $3 < z < 7$ with JWST and ALMA,"* 2025, ApJ 978 92
107. Labbe, I., Greene, J. E., Matthee, J., et al., including **SHP**, *"An unambiguous AGN and a Balmer break in an Ultraluminous Little Red Dot at z=4.47 from Ultradeep UNCOVER and All the Little Things Spectroscopy,"* 2024, arXiv:2412.04557
106. Fujimoto, S., Wang, B., Weaver, J. R., et al., including **SHP**, *"UNCOVER: A NIRSpec Census of Lensed Galaxies at $z = 8.50$–13.08 Probing a High-AGN Fraction and Ionized Bubbles in the Shadow,"* 2024, ApJ 977 250
105. Nelson, E., Brammer, G., Giménez-Arteaga, C., et al., including **SHP**, *"Ionized Gas Kinematics with FRESCO: An Extended, Massive, Rapidly Rotating Galaxy at $z = 5.4$,"* 2024, ApJL 976 L27
104. Suess, K. A., Weaver, J. R., **Price, S. H.**, et al., *"Medium Bands, Mega Science: A JWST/NIRCam Medium-band Imaging Survey of A2744,"* 2024, ApJ 976 101
103. Kehoe, E., Shapley, A. E., Schreiber, N. M. F., et al., including **SHP**, *"The First Combined Hα and Rest-UV Spectroscopic Probe of Galactic Outflows at High Redshift,"* 2024, ApJ 976 28
102. Chemerynska, I., Atek, H., Dayal, P., et al., including **SHP**, *"The Extreme Low-mass End of the Mass–Metallicity Relation at $z \sim 7$,"* 2024, ApJL 976 L15
101. Setton, D. J., Greene, J. E., de Graaff, A., et al., including **SHP**, *"Little Red Dots at an Inflection Point: Ubiquitous 'V-Shaped' Turnover Consistently Occurs at the Balmer Limit,"* 2024, arXiv:2411.03424
100. Lorenz, B., Kriek, M., Shapley, A. E., et al., including **SHP**, *"Stacking and Analyzing MOSDEF Galaxies by Spectral Types: Implications for Dust Geometry and Galaxy Evolution,"* 2024, ApJ 975 187
99. Villanueva, V., Herrera-Camus, R., González-López, J., et al., including **SHP**, *"The ALMA-CRISTAL survey: Dust temperature and physical conditions of the interstellar medium in a typical galaxy at $z = 5.66$,"* 2024, A&A 691 A133

98. Setton, D. J., Khullar, G., Miller, T. B., et al., including **SHP**, *"UNCOVER NIRSpec/PRISM Spectroscopy Unveils Evidence of Early Core Formation in a Massive, Centrally Dusty Quiescent Galaxy at z_{spec} = 3.97,"* 2024, ApJ 974 145

97. Bezanson, R., Labbe, I., Whitaker, K. E., et al., including **SHP**, *"The JWST UNCOVER Treasury Survey: Ultradeep NIRSpec and NIRCam Observations before the Epoch of Reionization,"* 2024, ApJ 974 92

96. Gibson, J. L., Nelson, E., Williams, C. C., et al., including **SHP**, *"JADES Ultrared Flattened Objects: Morphologies and Spatial Gradients in Color and Stellar Populations,"* 2024, ApJ 974 48

95. Benton, C. E., Nelson, E. J., Miller, T. B., et al., including **SHP**, *"JWST Reveals Bulge-dominated Star-forming Galaxies at Cosmic Noon,"* 2024, ApJL 974 L28

94. Slob, M., Kriek, M., Beverage, A. G., et al., including **SHP**, *"The JWST-SUSPENSE Ultradeep Spectroscopic Program: Survey Overview and Star Formation Histories of Quiescent Galaxies at 1 < z < 3,"* 2024, ApJ 973 131

93. Weldon, A., Reddy, N. A., Coil, A. L., et al., including **SHP**, *"The MOSDEF survey: properties of warm ionized outflows at z = 1.4-3.8,"* 2024, MNRAS 531 4560-4576

92. Chemerynska, I., Atek, H., Furtak, L. J., et al., including **SHP**, *"JWST UNCOVER: the overabundance of ultraviolet-luminous galaxies at z > 9,"* 2024, MNRAS 531 2615-2625

91. Cutler, S. E., Whitaker, K. E., Weaver, J. R., et al., including **SHP**, *"Two Distinct Classes of Quiescent Galaxies at Cosmic Noon Revealed by JWST PRIMER and UNCOVER,"* 2024, ApJL 967 L23

90. Kriek, M., Beverage, A. G., **Price, S. H.**, et al., *"The Heavy Metal Survey: Star Formation Constraints and Dynamical Masses of 21 Massive Quiescent Galaxies at z = 1.3–2.3,"* 2024, ApJ 966 36

89. Beverage, A. G., Kriek, M., Suess, K. A., et al., including **SHP**, *"The Heavy Metal Survey: The Evolution of Stellar Metallicities, Abundance Ratios, and Ages of Massive Quiescent Galaxies since z ∼ 2,"* 2024, ApJ 966 234

88. Furtak, L. J., Labbé, I., Zitrin, A., et al., including **SHP**, *"A high black-hole-to-host mass ratio in a lensed AGN in the early Universe,"* 2024, Nature 628 57-61

87. Greene, J. E., Labbe, I., Goulding, A. D., et al., including **SHP**, *"UNCOVER Spectroscopy Confirms the Surprising Ubiquity of Active Galactic Nuclei in Red Sources at z > 5,"* 2024, ApJ 964 39

86. Wang, B., Leja, J., Atek, H., et al., including **SHP**, *"Quantifying the Effects of Known Unknowns on Inferred High-redshift Galaxy Properties: Burstiness, IMF, and Nebular Physics,"* 2024, ApJ 963 74

85. Atek, H., Labbé, I., Furtak, L. J., et al., including **SHP**, *"Most of the photons that reionized the Universe came from dwarf galaxies,"* 2024, Nature 626 975-978

84. Burgasser, A. J., Bezanson, R., Labbe, I., et al., including **SHP**, *"UNCOVER: JWST Spectroscopy of Three Cold Brown Dwarfs at Kiloparsec-scale Distances,"* 2024, ApJ 962 177

83. Lee, M. M., Steidel, C. C., Brammer, G., et al., including **SHP**, *"High dust content of a quiescent galaxy at z∼2 revealed by deep ALMA observation,"* 2024, MNRAS 527 9529-9547

82. Wang, B., Leja, J., Labbé, I., et al., including **SHP**, *"The UNCOVER Survey: A First-look HST+JWST Catalog of Galaxy Redshifts and Stellar Population Properties Spanning 0.2≲z≲15,"* 2024, ApJS 270 12

81. Weaver, J. R., Cutler, S. E., Pan, R., et al., including **SHP**, *"The UNCOVER Survey: A First-look HST + JWST Catalog of 60,000 Galaxies near A2744 and beyond,"* 2024, ApJS 270 7

80. Übler, H., Förster Schreiber, N. M., van der Wel, A., et al., including **SHP**, *"Galaxy kinematics and mass estimates at z∼1 from ionized gas and stars,"* 2024, MNRAS 527 9206-9235

79. Genzel, R., Jolly, J.-B., Liu, D., et al., including **SHP**, *"Evidence for Large-scale, Rapid Gas Inflows in z∼2 Star-forming Disks,"* 2023, ApJ 957 48

78. Martorano, M., van der Wel, A., Bell, E. F., et al., including **SHP**, *"Rest-frame Near-infrared Radial Light Profiles up to z = 3 from JWST/NIRCam: Wavelength Dependence of the Sérsic Index,"* 2023, ApJ 957 46

77. Wang, B., Fujimoto, S., Labbé, I., et al., including **SHP**, *"UNCOVER: Illuminating the Early Universe-JWST/NIRSpec Confirmation of z > 12 Galaxies,"* 2023, ApJL 957 L34

76. Kokorev, V., Fujimoto, S., Labbe, I., et al., including **SHP**, *"UNCOVER: A NIRSpec Identification of a Broad-line AGN at z = 8.50,"* 2023, ApJL 957 L7
75. Atek, H., Chemerynska, I., Wang, B., et al., including **SHP**, *"JWST UNCOVER: discovery of z > 9 galaxy candidates behind the lensing cluster Abell 2744,"* 2023, MNRAS 524 5486-5496
74. Goulding, A. D., Greene, J. E., Setton, D. J., et al., including **SHP**, *"UNCOVER: The Growth of the First Massive Black Holes from JWST/NIRSpec-Spectroscopic Redshift Confirmation of an X-Ray Luminous AGN at z = 10.1,"* 2023, ApJL 955 L24
73. Furtak, L. J., Zitrin, A., Plat, A., et al., including **SHP**, *"JWST UNCOVER: Extremely Red and Compact Object at $z_{\rm phot} \simeq 7.6$ Triply Imaged by A2744,"* 2023, ApJ 952 142
72. Weldon, A., Reddy, N. A., Topping, M. W., et al., including **SHP**, *"The MOSDEF-LRIS survey: detection of inflowing gas towards three star-forming galaxies at z ∼ 2,"* 2023, MNRAS 523 5624-5634
71. Furtak, L. J., Zitrin, A., Weaver, J. R., et al., including **SHP**, *"UNCOVERing the extended strong lensing structures of Abell 2744 with the deepest JWST imaging,"* 2023, MNRAS 523 4568-4582
70. Lorenz, B., Kriek, M., Shapley, A. E., et al., including **SHP**, *"An Updated Dust-to-Star Geometry: Dust Attenuation Does Not Depend on Inclination in 1.3≤ z≤ 2.6 Star-forming Galaxies from MOSDEF,"* 2023, ApJ 951 29
69. Nelson, E. J., Suess, K. A., Bezanson, R., et al., including **SHP**, *"JWST Reveals a Population of Ultrared, Flattened Galaxies at 2<z<6 Previously Missed by HST,"* 2023, ApJL 948 L18
68. Wang, B., Leja, J., Bezanson, R., et al., including **SHP**, *"Inferring More from Less: Prospector as a Photometric Redshift Engine in the Era of JWST,"* 2023, ApJL 944 L58
67. Liu, D., Förster Schreiber, N. M., Genzel, R., et al., including **SHP**, *"An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at z = 2.259,"* 2023, ApJ 942 98
66. Sanders, R. L., Shapley, A. E., Jones, T., et al., including **SHP**, *"CO Emission, Molecular Gas, and Metallicity in Main-sequence Star-forming Galaxies at z∼2.3,"* 2023, ApJ 942 24
65. Fetherolf, T., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"The MOSDEF survey: probing resolved stellar populations at z∼2 Using a new bayesian-defined morphology metric called patchiness,"* 2023, MNRAS 518 4214-4237
64. Runco, J. N., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF survey: a new view of a remarkable z = 1.89 merger,"* 2022, MNRAS 517 4405-4416
63. Runco, J. N., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF survey: towards a complete census of the z∼2.3 star-forming galaxy population,"* 2022, MNRAS 517 4337-4354
62. Naidu, R. P., Oesch, P. A., van Dokkum, P., et al., including **SHP**, *"Two Remarkably Luminous Galaxy Candidates at z≈10-12 Revealed by JWST,"* 2022, ApJL 940 L14
61. Suess, K. A., Bezanson, R., Nelson, E. J., et al., including **SHP**, *"Rest-frame Near-infrared Sizes of Galaxies at Cosmic Noon: Objects in JWST's Mirror Are Smaller than They Appeared,"* 2022, ApJL 937 L33
60. Weldon, A., Reddy, N. A., Topping, M. W., et al., including **SHP**, *"The MOSDEF-LRIS survey: connection between galactic-scale outflows and the properties of z∼2 star-forming galaxies,"* 2022, MNRAS 515 841-856
59. Herrera-Camus, R., Förster Schreiber, N. M., **Price, S. H.**, et al., *"Kiloparsec view of a typical star-forming galaxy when the Universe was ∼1 Gyr old. II. Regular rotating disk and evidence for baryon dominance on galactic scales,"* 2022, A&A 665 L8
58. Runco, J. N., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"Reconciling the results of the z∼2 MOSDEF and KBSS-MOSFIRE Surveys,"* 2022, MNRAS 513 3871
57. Shapley, A. E., Sanders, R. L., Salim, S., et al., including **SHP**, *"The MOSFIRE Deep Evolution Field Survey: Implications of the Lack of Evolution in the Dust Attenuation-Mass Relation to z∼2,"* 2022, ApJ 926 145
56. Reddy, N. A., Topping, M. W., Shapley, A. E., et al., including **SHP**, *"The Effects of Stellar Population and Gas Covering Fraction on the Emergent Lyα Emission of High-redshift Galaxies,"* 2022, ApJ 926 31

55. Fetherolf, T., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"The MOSDEF survey: the dependence of Hα-to-UV SFR ratios on SFR and size at z∼2,"* 2021, MNRAS 508 1431-1445
54. Topping, M. W., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF survey: the mass-metallicity relationship and the existence of the FMR at z∼1.5,"* 2021, MNRAS 506 1237
53. Suess, K. A., Kriek, M., **Price, S. H.**, & Barro, G., *"Dissecting the size-mass and Σ1-mass relations at 1.0 < z < 2.5: Galaxy Mass Profiles and Color Gradients as a Function of Spectral Shape,"* 2021, ApJ 915 87
52. Sanders, R. L., Shapley, A. E., Jones, T., et al., including **SHP**, *"The MOSDEF Survey: The Evolution of the Mass-Metallicity Relation from z = 0 to z∼3.3,"* 2021, ApJ 914 19
51. Runco, J. N., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF survey: a comprehensive analysis of the rest-optical emission-line properties of z∼2.3 star-forming galaxies,"* 2021, MNRAS 502 2600
50. Johansson, J., Goobar, A., **Price, S. H.**, et al., *"Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu,"* 2021, MNRAS 502 510
49. Davies, R. L., Förster Schreiber, N. M., Genzel, R., et al., including **SHP**, *"The KMOS^{3D} Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 \lesssim z \lesssim 3$,"* 2021, ApJ 909 78
48. Belli, S., Contursi, A., Genzel, R., et al., including **SHP**, *"The Diverse Molecular Gas Content of Massive Galaxies Undergoing Quenching at z ∼ 1,"* 2021, ApJL 909 L11
47. Chartab, N., Mobasher, B., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at $1.4 \leq z \leq 2.6$,"* 2021, ApJ 908 120
46. Horstman, K., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at z ∼ 2,"* 2021, MNRAS 501 137
45. Übler, H., Genel, S., Sternberg, A., et al., including **SHP**, *"The kinematics and dark matter fractions of TNG50 galaxies at z = 2 from an observational perspective,"* 2021, MNRAS 500 4597
44. Reddy, N. A., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: The First Direct Measurements of the Nebular Dust Attenuation Curve at High Redshift,"* 2020, ApJ 902 123
43. Jeong, M.-S., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF Survey: Neon as a Probe of ISM Physical Conditions at High Redshift,"* 2020, ApJL 902 L16
42. Fetherolf, T., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"The MOSDEF survey: an improved Voronoi binning technique on spatially resolved stellar populations at z∼2,"* 2020, MNRAS 498 5009
41. Suess, K. A., Kriek, M., **Price, S. H.**, & Barro, G., *"Color Gradients along the Quiescent Galaxy Sequence: Clues to Quenching and Structural Growth,"* 2020, ApJL 899 L26
40. Shivaei, I., Reddy, N., Rieke, G., et al., including **SHP**, *"The MOSDEF Survey: The Variation of the Dust Attenuation Curve with Metallicity,"* 2020, ApJ 899 117
39. Davies, R. L., Förster Schreiber, N. M., Lutz, D., et al., including **SHP**, *"From Nuclear to Circumgalactic: Zooming in on AGN-driven Outflows at z∼2.2 with SINFONI,"* 2020, ApJ 894 28
38. Wilman, D. J., Fossati, M., Mendel, J. T., et al., including **SHP**, *"The Regulation of Galaxy Growth along the Size-Mass Relation by Star Formation, as Traced by Hα in KMOS^{3D} Galaxies at $0.7 \lesssim z \lesssim 2.7$,"* 2020, ApJ 892 1
37. Sanders, R. L., Shapley, A. E., Reddy, N. A., et al., including **SHP**, *"The MOSDEF Survey: Direct-Method Metallicities and ISM Conditions at $z \sim 1.5 - 3.5$,"* 2020, MNRAS 491 1427
36. Sanders, R. L., Jones, T., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: [S III] as a New Probe of Evolving Interstellar Medium Conditions,"* 2020, ApJL 888 L11
35. Wisnioski, E., Förster Schreiber, N. M., Fossati, M., et al., including **SHP**, *"The KMOS^{3D} Survey: data release and final survey paper,"* 2019, ApJ 886 124
34. Leung, G. C. K., Coil, A. L., Aird, J., et al., including **SHP**, *"The MOSDEF survey: a census of AGN-driven ionized outflows at z = 1.4 – 3.8,"* 2019, ApJ 886 11

33. Suess, K. A., Kriek, M., **Price, S. H.**, & Barro, G., *"Half-mass radii of quiescent and star-forming galaxies evolve slowly from $0 < z < 2.5$: implications for galaxy assembly histories,"* 2019, ApJL 885 L22
32. Shimizu, T. T., Davies, R. I., Lutz, D., et al., including **SHP**, *"The multiphase gas structure and kinematics in the circumnuclear region of NGC 5728,"* 2019, MNRAS 490 5860
31. Fornasini, F. M., Kriek, M., Sanders, R. L., et al., including **SHP**, *"The MOSDEF Survey: The Metallicity Dependence of X-ray Binary Populations at $z \sim 2$,"* 2019, ApJ 885 65
30. Shapley, A. E., Sanders, R. L., Shao, P., et al., including **SHP**, *"The MOSDEF Survey: Sulfur Emission-line Ratios Provide New Insights into Evolving Interstellar Medium Conditions at High Redshift,"* 2019, ApJL 881 L35
29. Übler, H., Genzel, R., Wisnioski, E., et al., including **SHP**, *"The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \sim 2.6$ to $z \sim 0.6$ with KMOS^{3D},"* 2019, ApJ 880 48
28. Suess, K. A., Kriek, M., **Price, S. H.**, & Barro, G., *"Half-mass Radii for ~7000 Galaxies at $1.0 \leq z \leq 2.5$: Most of the Evolution in the Mass-Size Relation Is Due to Color Gradients,"* 2019, ApJ 877 103
27. Förster Schreiber, N. M., Übler, H., Davies, R. L., et al., including **SHP**, *"The KMOS^{3D} Survey: Demographics and Properties of Galactic Outflows at $z = 0.6 - 2.7$,"* 2019, ApJ 875 21
26. Wilson, T. J., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF Survey: No Significant Enhancement in Star Formation or Deficit in Metallicity in Merging Galaxy Pairs at $1.5 \lesssim z \lesssim 3.5$,"* 2019, ApJ 874 18
25. Davies, R. L., Förster Schreiber, N. M., Übler, H., et al., including **SHP**, *"Kiloparsec Scale Properties of Star-Formation Driven Outflows at z~2.3 in the SINS/zC-SINF AO Survey,"* 2019, ApJ 873 122
24. Freeman, W. R., Siana, B., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: Broad Emission Lines at $z = 1.4$-3.8,"* 2019, ApJ 873 102
23. Nelson, E. J., Tadaki, K.-I., Tacconi, L. J., et al., including **SHP**, *"Millimeter Mapping at z~1: Dust-obscured Bulge Building and Disk Growth,"* 2019, ApJ 870 130
22. Reddy, N. A., Shapley, A. E., Sanders, R. L., et al., including **SHP**, *"The MOSDEF Survey: Significant Evolution in the Rest-frame Optical Emission Line Equivalent Widths of Star-forming Galaxies at $z = 1.4$–3.8,"* 2018, ApJ 869 92
21. Zick, T. O., Kriek, M., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: Stellar Continuum Spectra and Star Formation Histories of Active, Transitional, and Quiescent Galaxies at $1.4<z<2.6$,"* 2018, ApJL 867 L16
20. Azadi, M., Coil, A., Aird, J., et al., including **SHP**, *"The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at $z \sim 2$,"* 2018, ApJ 866 63
19. Sanders, R. L., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: A Stellar Mass-SFR-Metallicity Relation Exists at $z \sim 2.3$,"* 2018, ApJ 858 99
18. Shivaei, I., Reddy, N. A., Siana, B., et al., including **SHP**, *"The MOSDEF Survey: Direct Observational Constraints on the Ionizing Photon Production Efficiency, $\xi_{\rm ion}$, at $z \sim 2$,"* 2018, ApJ 855 42
17. Übler, H., Genzel, R., Tacconi, L. J., et al., including **SHP**, *"Ionized and Molecular Gas Kinematics in a $z = 1.4$ Star-forming Galaxy,"* 2018, ApJL 854 L24
16. Barro, G., Kriek, M., Pérez-González, P. G., et al., including **SHP**, *"Spatially Resolved Kinematics in the Central 1 kpc of a Compact Star-forming Galaxy at z~2.3 from ALMA CO Observations,"* 2017, ApJL 851 L40
15. Leung, G. C. K., Coil, A. L., Azadi, M., et al., including **SHP**, *"The MOSDEF Survey: The Prevalence and Properties of Galaxy-wide AGN-driven Outflows at $z \sim 2$,"* 2017, ApJ 849 48
14. Shapley, A. E., Sanders, R. L., Reddy, N. A., et al., including **SHP**, *"The MOSDEF Survey: First Measurement of Nebular Oxygen Abundance at z>4,"* 2017, ApJL 846 L30
13. Shivaei, I., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: Metallicity dependence of the PAH emission at High Redshift and Implications for 24 micron-inferred IR luminosities and star formation rates at z~2,"* 2017, ApJ 837 157

12. Azadi, M., Coil, A. L., Aird, J., et al., including **SHP**, *"The MOSDEF survey: AGN multi-wavelength identification, selection biases and host galaxy properties,"* 2017, ApJ 835 27
11. Momcheva, I. G., Brammer, G. B., van Dokkum, P. G., et al., including **SHP**, *"The 3D-HST Survey: Hubble Space Telescope WFC3/G141 Grism Spectra, Redshifts, and Emission Line Measurements for ~100,000 Galaxies,"* 2016, ApJS 225 27
10. Sanders, R. L., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: Detection of [OIII]λ4363 and the Direct-method Oxygen Abundance of a Star-forming Galaxy at z = 3.08,"* 2016, ApJL 825 L23
9. Shivaei, I., Kriek, M., Reddy, N. A., et al., including **SHP**, *"The MOSDEF Survey: The Strong Agreement between Hα and UV-to-FIR Star Formation Rates for z ∼ 2 Star-forming Galaxies,"* 2016, ApJL 820 L23
8. Sanders, R. L., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: Electron Density and Ionization Parameter at z ∼ 2.3,"* 2016, ApJ 816 23
7. Shivaei, I., Reddy, N. A., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: Dissecting the Star Formation Rate versus Stellar Mass Relation Using Hα and Hβ Emission Lines at z ∼ 2,"* 2015, ApJ 815 98
6. Kriek, M., Shapley, A. E., Reddy, N. A., et al., including **SHP**, *"The MOSFIRE Deep Evolution Field (MOSDEF) Survey: Rest-frame Optical Spectroscopy for ~1500 H-selected Galaxies at 1.37 < z < 3.8,"* 2015, ApJS 218 15
5. Reddy, N. A., Kriek, M., Shapley, A. E., et al., including **SHP**, *"The MOSDEF Survey: Measurements of Balmer Decrements and the Dust Attenuation Curve at Redshifts z ∼ 1.4-2.6,"* 2015, ApJ 806 259
4. Shapley, A. E., Reddy, N. A., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: Excitation Properties of z ∼ 2.3 Star-forming Galaxies,"* 2015, ApJ 801 88
3. Coil, A. L., Aird, J., Reddy, N., et al., including **SHP**, *"The MOSDEF Survey: Optical Active Galactic Nucleus Diagnostics at z ∼ 2.3,"* 2015, ApJ 801 35
2. Sanders, R. L., Shapley, A. E., Kriek, M., et al., including **SHP**, *"The MOSDEF Survey: Mass, Metallicity, and Star-formation Rate at z ∼ 2.3,"* 2015, ApJ 799 138
1. Skelton, R. E., Whitaker, K. E., Momcheva, I. G., et al., including **SHP**, *"3D-HST WFC3-selected Photometric Catalogs in the Five CANDELS/3D-HST Fields: Photometry, Photometric Redshifts, and Stellar Masses,"* 2014, ApJS 214 24

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