Alberto SALDANA-LOPEZ, PhD

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WEBSITE: https://asalda.github.io/
PUBLICATIONS: as first author... 5 (245 citations) – total... 42 $ EXTERNAL FUNDING: $56,300
TELESCOPE TIME: as PI... HST (40orb.), ground (32h) – total... JWST (358h), HST (664orb.), ground (104h)

My research focuses on understanding the physical conditions that lead to the Reionization of the Universe a billion years after the Big Bang. In particular, I use space-based observatories to study the interplay between the stars, gas and dust within nearby, starburst galaxies, to decipher how the (elusive) ionizing radiation escaped from their high-redshift counterparts during the Dawn of cosmic star formation.

Education

2023 - present — **Postdoctoral Fellow**
Department of Astronomy, Stockholm University (SU, Sweden)

2019 – 2023 — **Astrophysics PhD**, University of Geneva (UniGE, Switzerland)
Thesis: *Properties of star-forming galaxies contributing to reionization*
https://doi.org/10.13097/archive-ouverte/unige:174485
Advisor: Prof. D. Schaerer

2018 – 2019 — **Astrophysics MSc**, Complutense University of Madrid (UCM, Spain)

2014 – 2018 — **Physics BSc**, Complutense University of Madrid (UCM, Spain)

Research and teaching experience

2025 – present — **PhD thesis committee** for Olof Nebrin, Stockholm University (SU)
Thesis: *Lyα feedback prevails at Cosmic Dawn*

2024 – 2025 — **BSc thesis advisor** for Pontus Strand, Stockholm University (SU)
Thesis: *An unbiased sample of strong UV emitters at Cosmic Noon*

2023 – 2024 — **Teaching Assistant**, Stockholm University (SU)
Course: *Physics of the Interstellar Medium* (graduate)

2019 – 2021 — **Teaching Assistant**, University of Geneva (UniGE)
Course: *Astrophysics Lab* (undergraduate)

2018 – 2019 — **Research Assistant**, High Energy Group (UCM)

2017 – 2018 — **Research Assistant**, International Nanotechnology Laboratory (INL)

2016 – 2017 — **Research Assistant**, Dark Energy Survey Group (CIEMAT)

2015 – 2016 — **Research Assistant**, LASER Processing Group (CSIC)

Invited talks and seminars

October 29th, 2024 — STScI/JHU Galaxies Journal Club (STScI, USA)
The average UV emission line spectra of high-redshift galaxies

November 17th, 2023 — Astronomy Seminar, Stockholm University (SU, Sweden)
The properties of star-forming galaxies contributing to reionization

May 16th, 2023	Colloquium, Herzberg Astronomy Research Centre (HAA-NRC, Canada) *A low-redshift look to reionization with star-forming galaxies*
November 7th, 2022	Lunch Seminar, University of Texas at Austin (UT, USA) *Ionizing properties of galaxies through the eyes of absorption spectroscopy*
March 3rd, 2021	AstroSeminar, California Institute of Technology (Caltech/IPAC, online) *An observational determination of the Extragalactic Background Light*
February 2nd, 2021	Astronomy Seminar, University of Geneva (UniGE, online) *An observational determination of the Extragalactic Background Light*
January 27th, 2021	Astronomy Seminar, University of California Riverside (UCR, online) *An observational determination of the Extragalactic Background Light*
January 25th, 2021	Cosmo Club seminar, Univsersity of California Santa Cruz (UCSC, online) *An observational determination of the Extragalactic Background Light*
January 22nd, 2021	Astronomy Seminar, University of Minnesota (UMN, online) *An observational determination of the Extragalactic Background Light*

Contributed talks

May 27th, 2025	**Cosmic Frontier Center 2025 conference** (Austin, USA) *Feedback and dynamical masses in high-z galaxies*
May 12th, 2025	2025 STScI Spring Symposium (Baltimore, USA) *Lyα feedback prevails at Cosmic Dawn*
April 7th, 2025	**First galaxies meeting** (Oxford, UK) *Feedback and dynamical masses in high-z galaxies*
July 1st, 2024	**Cosmic Dawn at High Latitudes Workshop** (Stockholm, Sweden) *A low-redshift look to reionization with star-forming galaxies*
May 20th, 2024	**First Stars VII conference** (New York City, USA) *The Lyman-alpha and Continuum Origins Survey*
January 21st, 2024	Linking galaxy physics from ISM to IGM scales (Sexten, Italy) *Ionizing properties of galaxies through the eyes of absorption spectroscopy*
January 11th, 2024	DLOCKS-24 Workshop on Galaxy Evolution (Copenhagen, Denmark) *Constraining galactic feedback at Cosmic Dawn*
April 18th, 2023	Escape of Lyman radiation from galactic labyrinths (Crete, Greece) *Ionizing properties of galaxies through the eyes of absorption spectroscopy*
September 14th, 2022	CRPropa Workshop on Astroparticle propagation (Madrid, Spain) *An observational determination of the Extragalactic Background Light*
July 4th, 2022	From galaxies to cosmology with spectroscopic surveys (Marseille, France) *The ionizing properties of star-forming galaxies at* $3 \leq z \leq 5$

June 27th, 2022	European Astronomical Society EAS Meeting (Valencia, Spain) *The ISM properties of low-z Lyman Continuum emitters*
March 14th, 2022	The growth of galaxies in the Early Universe VII (Sexten, Italy) *The ISM properties of low-z Lyman Continuum emitters*
January 14th, 2022	Production and escape of Lyman photons through time and space (UK, online) *Unveiling the ISM properties of low-z Lyman Continuum emitters*
November 29th, 2021	SAZERAC-SIP Early Galaxy Formation Near and Far (online) *Unveiling the ISM properties of low-z Lyman Continuum emitters*
May 17th, 2021	STScI Workshop – MOS for Measures of Galaxy Evolution (USA, online) *Unveiling the ISM properties of low-z Lyman Continuum emitters*
April 12th, 2021	**Ninth International Fermi Symposium (South Africa, online)** *An observational determination of the Extragalactic Background Light*
April 12th, 2021	Extragalactic Spectroscopic Surveys: Past, Present and Future (Chile, online) *Using LIS UV-lines to select Lyman continuum leaking candidates*
September 9th, 2019	VII Meeting on Fundamental Cosmology (Madrid, Spain) *An observational determination of the Extragalactic Background Light*

Summer and winter schools

May 2022	Severo Ochoa Advanced School on Galaxy Evolution IAA-CSIC, Granada (Spain)
July 2021	International Summer School on the ISM of Galaxies CNRS, France (online)
June 2021	Summer School in Statistics for Astronomers XVI Penn State University, USA (online)

Funding and grants

$50,000	**HST GO33 (ID 18034) awarded funding**
$1,500	STScI 2025 Spring Symposium travel grant
$1,500	Swedish Academy of Sciences (KVA) mobility grant
$1,800	Simons Foundation (Flatiron Institute, CfA) travel grant
$1,500	Swiss Astronomical Society mobility grant

Awards and outreach

Awards	**Ramón Corbalán Prize 2021** *For the popularization and education in Nonlinear and Quantum Optics*
Articles	**Saldana-Lopez et al. 2020,** *Two-photon polymerization* The Spanish Journal of Physics, Vol.34, No.2
Blogs	*El blog de Laniakea*, https://elblogdelaniakea.wordpress.com/

Telescope Observing Proposals (as Principal Investigator, PI)

HST / GO33
Spatially resolving the conditions for ionizing radiation escape in galaxies
PI: Saldana-Lopez (ID 18034)
Instrument: **HST/WFC**. Awarded time: 40 orbits

ESO / P112
The nature of UV emission line galaxies: a study of CIV emitters at Cosmic Noon
PI: Saldana-Lopez (ID 112.2639)
Instrument: **VLT/XShooter**. Awarded time: 32 hours

Telescope Observing Proposals (as co-Investigator, co-I)

HST / GO33
The HyperDeep Ultraviolet Field
PI: Hayes (ID 18004), co-I: Saldana-Lopez
Instrument: **HST/WFC3**. Awarded time: 124 orbits

HST / GO33
Unlocking the full potential of JWST spectroscopic fields with SHIP3: Snapshot HST Imaging of Pure-Parallel Programs
PI: Nedkova (ID 18022), co-I: Saldana-Lopez
Instrument: **HST/WFC3**. Awarded time: 123 orbits

HST / GO33
The High Redshift Lyman Continuum Survey
PI: Scarlata (ID 18080), co-I: Saldana-Lopez
Instrument: **HST/WFC3**. Awarded time: 53 orbits

HST / Brigde
To the Frontiers of Time Domain: Supermassive Black Holes and Exotic Stellar Transients in the Early Universe
PI: Hayes (ID 17908), co-I: Saldana-Lopez
Instrument: **HST/WFC3**. Awarded time: 20 orbits

JWST / DDT
Let there be Light: Directly Witnessing the Birth of Metal-Free, Pop III Stars in an Ultra-Faint Galaxy at $z = 6{,}5$
PI: Fujimoto and Naidu (ID 9223), co-I: Saldana-Lopez
Instrument: **JWST/NIRSpec**. Awarded time: 39 hours

JWST / GO4
Formation and nature of the UV-brightest starbursts in the distant Universe
PI: Marques-Chaves (ID 8258), co-I: Saldana-Lopez
Instrument: **JWST/NIRSpec**. Awarded time: 38 hours

HST / GO32
MgII maps to reveal how ionizing photons escape local LyC emitting galaxies
PI: Leclercq (ID 17761), co-I: Saldana-Lopez
Instrument: **HST/ACS**. Awarded time: 31 orbits

HST / GO32
Lyman alpha imaging of galaxies with the lowest mass and metallicity
PI: Ostlin (ID 17826), co-I: Saldana-Lopez
Instrument: **HST/ACS/WFC3**. Awarded time: 48 orbits

JWST / GO3
Ionization and Obscuration in LyC Emitters: A MIR Look at Lyman Continuum Escape
PI: Flury (ID 5554), co-I: Saldana-Lopez
Instrument: **JWST/MIRI**. Awarded time: 31 hours

JWST / GO2
JWST's GLIMPSE: gravitational lensing & NIRCam imaging to probe early galaxy formation and sources of reionization
PI: Atek (ID 3293), co-I: Saldana-Lopez
Instrument: **JWST/NIRCam**. Awarded time: 155 hours

JWST / GO1 *The First Observations of the Ionizing Luminosity of Galaxies within the Epoch of Reionization*
PI: Chisholm (ID 1871), co-I: Saldana-Lopez
Instrument: **JWST/NIRSpec**. Awarded time: 22 hours

JWST / GO1 *LyC22 - Deep spectroscopic insights on star-forming galaxies 2.2Gyr after the Big Bang*
PI: Schaerer (ID 1869), co-I: Saldana-Lopez
Instrument: **JWST/NIRSpec**. Awarded time: 73 hours

HST / GO31 *Establishing the Geometry of Lyman Continuum Escape*
PI: Carr (ID 17443), co-I: Saldana-Lopez
Instrument: **HST/COS**. Awarded time: 23 orbits

HST / GO31 *High-resolution imaging of the ionizing and non-ionizing radiation of extreme starbursts at $z \sim 2.4$*
PI: Marques-Chaves (ID 17424), co-I: Saldana-Lopez
Instrument: **HST/UVIS**. Awarded time: 23 orbits

HST / GO30 *Far-Ultraviolet Legacy Survey of the GOODS and COSMOS Fields: Completing the Census of the UV Sky*
PI: Siana (ID 17032), co-I: Saldana-Lopez
Instrument: **HST/SBC**. Awarded time: (archival proposal)

HST / GO30 *The Lyman-alpha and Continuum Origins Survey (LaCOS)*
PI: Hayes (ID 17069), co-I: Saldana-Lopez
Instrument: **HST/ACS, HST/WFC3**. Awarded time: 119 orbits

HST / GO30 *Resolving Lyman Alpha emission in a complete sample of Lyman Continuum leakers and non-leakers*
PI: Leclercq (ID 17153), co-I: Saldana-Lopez
Instrument: **HST/COS**. Awarded time: 49 orbits

HST / GO30 *Revealing the link between strong LyC emitters and enigmatic CIV emitters*
PI: Schaerer (ID 17169), co-I: Saldana-Lopez
Instrument: **HST/STIS**. Awarded time: 34 orbits

GMRT *Radio-SED Study of low-z Lyman Continuum Emitters*
PI: Bait (ID 17032), co-I: Saldana-Lopez
Instrument: **GMRT/B3/B4/B5**. Awarded time: 24 hours

ESO / P109 *Observations of the ionizing spectra in the Lyman continuum of distant starbursts*
PI: Marques-Chaves (ID 109.23G1), co-I: Saldana-Lopez
Instrument: **VLT/FORS2**. Awarded time: 15 hours

ESO / P108 *XShooter Survey of Extremely UV and Lya Luminous Star-forming Galaxies at $z = 2 - 3{,}6$*
PI: Marques-Chaves (ID 108.228N), co-I: Saldana-Lopez
Instrument: **VLT/XShooter**. Awarded time: 18 hours

ESO / P106 *Deep spectroscopy of low-z HST Lyman continuum emitters: revealing their ISM and ionizing radiation field properties*
PI: Schaerer (ID 106.215K), co-I: Saldana-Lopez
Instrument: **VLT/XShooter**. Awarded time: 15 hours

First author publications

- • • **Saldana-Lopez, A., Hayes, M. J., Le Reste, A., et al. (2025)** 'The Lyα and Continuum Origins Survey II: the connection between the escape of ionizing radiation and Lyα halos in star-forming galaxies' arXiv:2504.07074
  https://ui.adsabs.harvard.edu/abs/2025arXiv250407074S/abstract

- • • **Saldana-Lopez, A., Chisholm, J., Gazagnes S., et al. (2025)** 'Feedback and dynamical masses in high-z galaxies: the advent of high-resolution NIRSpec spectroscopy,' arXiv:2501.17145
  https://ui.adsabs.harvard.edu/abs/2025arXiv250117145S/abstract

- • • **Saldana-Lopez, A., Schaerer, D., Chisholm, J., et al. (2023)** 'The VANDELS survey: the ionizing properties of star-forming galaxies at $3 \leq z \leq 5$ using deep rest-frame ultraviolet spectroscopy,' MNRAS, 522, 4, 6295-6325
  https://ui.adsabs.harvard.edu/abs/2023MNRAS.522.6295S/abstract

- • • **Saldana-Lopez, A., Schaerer, D., Chisholm, J., et al. (2022)** 'The Low-Redshift Lyman Continuum Survey. Unveiling the ISM properties of low-z Lyman-continuum emitters,' A&A, 663, A59
  https://ui.adsabs.harvard.edu/abs/2022A{%}26A...663A..59S/abstract

- • • **Saldana-Lopez, A., Domínguez, A., Pérez-González, P. G., et al. (2021)** 'An observational determination of the evolving extragalactic background light from the multiwavelength HST/CANDELS survey in the Fermi and CTA era,' MNRAS, 507, 4, 5144-5160
  https://ui.adsabs.harvard.edu/abs/2021MNRAS.507.5144S/abstract

Contributing-author publications

- • **Le Reste, A., Scarlata, C., Hayes, M. J., et al. (2025)** 'The Lyα and Continuum Origins Survey I: Survey description and Lyα imaging,' arXiv:2504.07056
  https://ui.adsabs.harvard.edu/abs/2025arXiv250407056L/abstract

- • **Hayes, M. J., Saldana-Lopez, A., Citro, A., et al. (2025)** 'On the Average UV Emission-line Spectra of High-redshift Galaxies: Hot and Cold, Carbon-poor, Nitrogen Modest, and Oozing Ionizing Photons,' ApJ, 982, 14
  https://ui.adsabs.harvard.edu/abs/2025ApJ...982...14H/abstract

- • **Flury, S. R., Jaskot A. E., Saldana-Lopez, A., et al. (2025)** 'The Low-redshift Lyman Continuum Survey: The Roles of Stellar Feedback and Interstellar Medium Geometry in LyC Escape,' ApJ, 985, 128
  https://ui.adsabs.harvard.edu/abs/2025ApJ...985..128F/abstract

- • **Domínguez, A., Kirkeberg, Ø., Wojtak, R., et al. (2023)** 'A new derivation of the Hubble constant from γ-ray attenuation using improved optical depths for the Fermi and CTA era,' MNRAS, 527, 4632-4642
  https://ui.adsabs.harvard.edu/abs/2024MNRAS.527.4632D/abstract

- • **Chisholm, J., Saldana-Lopez, A., Flury, S., et al. (2022)** 'The far-ultraviolet continuum slope as a Lyman Continuum escape estimator at high redshift,' MNRAS, 517, 5104-5120
  https://ui.adsabs.harvard.edu/abs/2022MNRAS.517.5104C/abstract

- • **Flury, S. R., Jaskot, A. E., Ferguson, H. C., et al. (2022)** 'The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics,' ApJ, 930, 126
https://ui.adsabs.harvard.edu/abs/2022ApJ...930..126F/abstract

- • **Flury, S. R., Jaskot, A. E., Ferguson, H. C., et al. (2022)** 'The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters,' ApJS, 260, 1
https://ui.adsabs.harvard.edu/abs/2022ApJS..260....1F/abstract

- • **Maibohm, C., Saldana-Lopez, A., Silvestre, O. F., and Nieder, J. B., (2022)** '3D Polymer Architectures for the Identification of Optimal Dimensions for Cellular Growth of 3D Cellular Models,' *Polymers*, 14(19), 4168
https://www.mdpi.com/2073-4360/14/19/4168

Co-author publications

- **Komarova, L., Oey, S., Marques-Chaves, R., et al. (2025)** 'Power-law Emission-line Wings and Radiation-Driven Superwinds in Local Lyman Continuum Emitters,'
https://ui.adsabs.harvard.edu/abs/2025arXiv250619623K/abstract

- **Runnholm, A., Hayes, M. J., Mehta, V., et al. (2025)** 'The JWST/PASSAGE Survey: Testing Reionization Histories with JWST's First Unbiased Survey for Lyα Emitters at Redshifts 7.5–9.5,'
https://ui.adsabs.harvard.edu/abs/2025ApJ...984...95R/abstract

- **Kokorev, V., Atek, H., Chisholm, J., et al. (2025)** 'A Glimpse of the New Redshift Frontier through AS1063,'
https://ui.adsabs.harvard.edu/abs/2025ApJ...983L..22K/abstract

- **Jennings, M. R., Henry A., Mauerhofer V., et al. (2025)** 'A Simulated Galaxy Laboratory: Exploring the Observational Effects on UV Spectral Absorption Line Measurements,'
https://ui.adsabs.harvard.edu/abs/2025ApJ...979...64J/abstract

- **Gazagnes, S., Chisholm, J., Endsley, R., et al. (2025)** 'A negligible contribution of two luminous $z \sim 7{,}5$ galaxies to the ionizing photon budget of reionization,' MNRAS, 540, 2331-2348
https://ui.adsabs.harvard.edu/abs/2025MNRAS.540.2331G/abstract

- **Fujimoto, S., Naidu, R. P., Chisholm, J., et al. (2025)** 'GLIMPSE: An Ultrafaint $10^5 M_\odot$ PopIII Galaxy Candidate and First Constraints on the PopIII UV Luminosity Function at $z \simeq 6$–7,' ApJ, 989, 46
https://ui.adsabs.harvard.edu/abs/2025ApJ...989...46F/abstract

- **Carr, C. A., Cen, R., Scarlata, C., et al. (2024)** 'The Effect of Radiation and Supernovae Feedback on LyC Escape in Local Star-forming Galaxies,' ApJ, 982, 137
https://ui.adsabs.harvard.edu/abs/2025ApJ...982..137C/abstract

- **Amorín, R. O., Rodríguez-Henríquez, M.; Fernández, V., et al. (2024)** 'Ubiquitous broad-line emission and the relation between ionized gas outflows and Lyman continuum escape in Green Pea galaxies,' A&A, 682, L15
https://ui.adsabs.harvard.edu/abs/2024A%26A...682L..25A/abstract

- **Chisholm, J., Berg, D. A., Endsley, R., et al. (2024)** '[NeV] emission from a faint epoch of reionization-era galaxy: evidence for a narrow-line intermediate mass black hole,' MNRAS, 534, 2633–2652
https://ui.adsabs.harvard.edu/abs/2024MNRAS.534.2633C/abstract

- **Jaskot, A. E., Silveyra, A. C., Plantinga, A., et al. (2024)** 'Multivariate Predictors of LyC Escape II: A Survival Analysis of the Low-redshift Lyman Continuum Survey,' ApJ, 973, 111
https://ui.adsabs.harvard.edu/abs/2024ApJ...973..111J/abstract

- **Jaskot, A. E., Silveyra, A. C., Plantinga, A., et al. (2024)** 'Multivariate Predictors of LyC Escape I: A Survival Analysis of the Low-redshift Lyman Continuum Survey,' ApJ, 972, 92
https://ui.adsabs.harvard.edu/abs/2024ApJ...972...92J/abstract

- **Leclercq, F., Chisholm, J., King, W., et al. (2024)** 'Linking MgII and [OII] spatial distribution to ionizing photon escape in confirmed LyC leakers and non-leakers,' A&A, 687, A73
https://ui.adsabs.harvard.edu/abs/2024A%26A...687A..73L/abstract

- **Bait, O., Borthakur, S., Schaerer, D., et al. (2023)** 'The Low-redshift Lyman Continuum Survey. Radio continuum properties of low-z Lyman continuum emitters,' A&A, 688, A198
https://ui.adsabs.harvard.edu/abs/2024A%26A...688A.198B/abstract

- **Castellano, M., Belfiori, D., Pentericci, L., et al. (2023)** 'The ionizing photon production efficiency of bright z∼2-5 galaxies,' A&A, 675, A121
https://ui.adsabs.harvard.edu/abs/2023A%26A...675A.121C/abstract

- **Davis, D., Gebhardt, K., Mentuch Cooper, E., et al. (2023)** 'HETDEX Public Source Catalog 1 – Stacking 50K Lyman Alpha Emitters,' ApJ, 954, 209
https://ui.adsabs.harvard.edu/abs/2023ApJ...954..209D/abstract

- **Mascia, S., Pentericci, L., Saxena, A., et al. (2023)** 'Insights into the reionization epoch from cosmic-noon-CIV emitters in the VANDELS survey,' A&A, 674, A221
https://ui.adsabs.harvard.edu/abs/2023A%26A...674A.221M/abstract

- **Talia, M., Schreiber, C., Garilli, B., et al. (2023)** 'The VANDELS ESO public spectroscopic survey: The spectroscopic measurements catalogue,' A&A, 678, A25
https://ui.adsabs.harvard.edu/abs/2023A%26A...678A..25T/abstract

- **Xu, X., Henry, A., Heckman, T., et al. (2023)** 'The Low-redshift Lyman Continuum Survey: Optically Thin and Thick Mg II Lines as Probes of Lyman Continuum Escape,' ApJ, 943, 94
https://ui.adsabs.harvard.edu/abs/2023ApJ...943...94X/abstract

- **Begley, R., Cullen, F., McLure, R. J., et al. (2022)** 'The VANDELS survey: a measurement of the average Lyman-continuum escape fraction of star-forming galaxies at z = 3.5,' MNRAS, 513, 3510-3525
https://ui.adsabs.harvard.edu/abs/2022MNRAS.513.3510B/abstract

- **Finke, J. D., Ajello, M., Domínguez, A., et al. (2022)** 'Modeling the Extragalactic Background Light and the Cosmic Star Formation History,' ApJ, 941, 33
https://ui.adsabs.harvard.edu/abs/2022ApJ...941...33F/abstract

- **Marques-Chaves, R., Schaerer, D., Álvarez-Márquez, J., et al. (2022)** 'An extreme blue nugget, UV-bright starburst at z = 3.613 with 90 per cent of Lyman continuum photon escape,' MNRAS, 517, 2972-2989
https://ui.adsabs.harvard.edu/abs/2022MNRAS.517.2972M/abstract

- **Saxena, A., Cryer, E., Ellis, R. S., et al. (2022)** 'Strong C IV emission from star-forming galaxies: a case for high Lyman continuum photon escape,' MNRAS, 517, 1098-1111
https://ui.adsabs.harvard.edu/abs/2022MNRAS.517.1098S/abstract

- **Saxena, A., Pentericci, L., Ellis, R. S., et al. (2022)** 'No strong dependence of Lyman continuum leakage on physical properties of star-forming galaxies at 3,1 $\leq z \leq$ 3,5,' MNRAS, 511, 120-138
https://ui.adsabs.harvard.edu/abs/2022MNRAS.511..120S/abstract

- **Trebitsch, M., Dayal, P., Chisholm, J., et al. (2022)** 'Reionization with star-forming galaxies: insights from the Low-z Lyman Continuum Survey,' arXiv:2212.06177
https://ui.adsabs.harvard.edu/abs/2022arXiv221206177T/abstract

- **Xu, X., Henry, A., Heckman, T., et al. (2022)** 'Tracing Lyα and LyC Escape in Galaxies with MgII Emission,' ApJ, 933, 202
https://ui.adsabs.harvard.edu/abs/2022ApJ...933..202X/abstract

- **Garilli, B., McLure, R., Pentericci, L., et al. (2021)** 'The VANDELS ESO public spectroscopic survey. Final data release of 2087 spectra and spectroscopic measurements,' A&A, 647, A150
https://ui.adsabs.harvard.edu/abs/2021A%26A...647A.150G/abstract

- **Marques-Chaves, R., Schaerer, D., Álvarez-Márquez, J., et al. (2021)** 'The UV-brightest Lyman continuum emitting star-forming galaxy,' MNRAS, 507, 524-538
https://ui.adsabs.harvard.edu/abs/2021MNRAS.507..524M/abstract

- **Wang, B., Heckman, T. M., Amorín, R., et al. (2021)** 'The Low-redshift Lyman-continuum Survey: [S II] Deficiency and the Leakage of Ionizing Radiation,' ApJ, 916, 3
https://ui.adsabs.harvard.edu/abs/2021ApJ...916....3W/abstract