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Publication list

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Total citation = 7209, H-index = 45 (as of Jan. 21, 2024 from ADS)

First author

Journal Article (11 published, 3 submitted, 739 citation)

- 14 **Fujimoto, S., Bezanson, R., Labbé, I., et al.**, *DUALZ – Deep UNCOVER-ALMA Legacy High-Z Survey*, [arXiv:2309.07834](https://arxiv.org/abs/2309.07834), submitted to ApJS, 2023
- 13 **Fujimoto, S., Wang, B., Weaver, J., et al.**, *UNCOVER: A NIRSpec Census of Lensed Galaxies at $z = 8.50–13.08$ Probing a High AGN Fraction and Ionized Bubbles in the Shadow*, [arXiv:2308.11609](https://arxiv.org/abs/2308.11609), submitted to ApJ, 2023
- 12 **Fujimoto, S., Kohno, K., Ouchi, M., et al.**, *ALMA Lensing Cluster Survey: Deep 1.2 mm Number Counts and Infrared Luminosity Functions at $z \approx 1–8$* , [arXiv:2303.01658](https://arxiv.org/abs/2303.01658), submitted to ApJS, 2023
- 11 **Fujimoto, S., Arrabal-Haro, P., Dickinson, M., et al.**, *CEERS Spectroscopic Confirmation of NIRCам-Selected $z \gtrsim 8$ Galaxy Candidates with JWST/NIRSpec: Initial Characterization of their Properties*, *ApJL*, **949**, 25, 2023
- 10 **Fujimoto, S., Ouchi, M., Nakajima, K., et al.**, *JWST and ALMA Multiple-Line Study in and around a Galaxy at $z = 8.496$: Optical to FIR Line Ratios and the Onset of an Outflow Promoting Ionizing Photon Escape*, *ApJ in press*, 2024
- 9 **Fujimoto, S., Finkelstein, S., Burgarella, D., et al.**, *ALMA FIR View of Ultra High-redshift Galaxy Candidates at $z \sim 11–17$: Blue Monsters or Low- z Red Interlopers?*, *ApJ*, **955**, 130, 2023
- 8 **Fujimoto, S., Brammer, G., Watson, D., et al.**, *A dusty, compact object bridging galaxies and quasars at cosmic dawn*, *Nature*, **604**, 261, 2022
- 7 **Fujimoto, S., Oguri, M., Brammer, G., et al.**, *ALMA Lensing Cluster Survey: Bright [C II] 158 μm Lines from a Multiply Imaged Sub- L^* Galaxy at $z = 6.0719$* , *ApJ*, **911**, 99, 20, 2021
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- 5 **Fujimoto, S., Oguri, M., Nagao, T., et al.**, *Truth or Delusion? A Possible Gravitational Lensing Interpretation of the Ultraluminous Quasar SDSS J010013.02+280225.8 at $z = 6.30$* , *ApJ*, **891**, 64, 8, 2020
- 4 **Fujimoto, S., Ouchi, M., Ferrara, A., et al.**, *First Identification of 10 kpc [C II] 158 μm Halos around Star-forming Galaxies at $z = 5–7$* , *ApJ*, **887**, 107, 17, 2019

- 3 **Fujimoto, S., Ouchi, M., Kohno, K., et al.**, *ALMA 26 Arcmin² Survey of GOODS-S at One Millimeter (ASAGAO): Average Morphology of High-z Dusty Star-forming Galaxies in an Exponential Disk ($n \approx 1$)*, [ApJ, 861, 7, 12, 2018](#)
- 2 **Fujimoto, S., Ouchi, M., Shibuya, T., et al.**, *Demonstrating a New Census of Infrared Galaxies with ALMA (DANCING-ALMA). I. FIR Size and Luminosity Relation at $z = 0 - 6$ Revealed with 1034 ALMA Sources*, [ApJ, 850, 83, 21, 2017](#)
- 1 **Fujimoto, S., Ouchi, M., Ono, Y., et al.**, *ALMA Census of Faint 1.2 mm Sources Down to ~ 0.02 mJy: Extragalactic Background Light and Dust-poor, High-z Galaxies*, [ApJS, 222, 1, 28, 2016](#)

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- 1 **Fujimoto, S.**, *Demographics of the Cold Universe with ALMA: From Interstellar and Circumgalactic Media to Cosmic Structures*, [Springer Thesis](#)

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- 1 **Fujimoto, S., Ouchi, M., Ono, Y., et al.**, *Resolving the Extragalactic Background Light with Multi-field Deep ALMA Data*, [ASPCS, 499, 21, 2015](#)

Second or Third author

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- 16* **Giménez-Arteaga, C., Fujimoto, S., Valentino, F., et al.**, *Outshining in the Spatially Resolved Analysis of a Strongly-Lensed Galaxy at $z = 6.072$ with JWST NIRCam*, submitted to A&A, 2023
- 15 **Valentino, F., Fujimoto, S., Giménez-Arteaga, C., et al.**, *The cold interstellar medium of a normal sub- L^* galaxy at the end of Reionization*, submitted to A&A, 2023
- 14 **Kokorev, V., Fujimoto, S., Labbe, I., et al.**, *UNCOVER: A NIRSpect Identification of a Broad Line AGN at $z = 8.50$* , [ApJL in press, 2023 \(arXiv:2308.11610\)](#)
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- 9 **Yoon, I., Carilli, C. L., Fujimoto, S., et al.**, *ALMA Observation of a $z \gtrsim 10$ Galaxy Candidate Discovered with JWST*, [ApJ, 950, 61, 2023](#)
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- 6* **Sun, F., Egami, E., Fujimoto, S., et al.**, *ALMA Lensing Cluster Survey: ALMA-Herschel Joint Study of Lensed Dusty Star-forming Galaxies across $z \simeq 0.5 - 6$* , [ApJ, 932, 77, 2022](#)
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- 4* **Kokorev, V., Brammer, G., Fujimoto, S., et al.**, *ALMA Lensing Cluster Survey: Hubble Space Telescope and Spitzer Photometry of 33 Lensed Fields Built with CHArGE*, [ApJS, 263, 38, 2022](#)
- 3 **Izumi, T., Matsuoka, Y., Fujimoto, S., et al.**, *Subaru High- z Exploration of Low-luminosity Quasars (SHELLQs). XIII. Large-scale Feedback and Star Formation in a Low-luminosity Quasar at $z = 7.07$ on the Local Black Hole to Host Mass Relation*, [ApJ, 914, 36, 2021](#)
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Co-author

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- 135 **Furtak, L. J., Meena, A. K., Zackrisson, E., et al.**, *Reaching for the stars - JWST/NIRSpec spectroscopy of a lensed star candidate at $z = 4.76$* , [MNRAS, 527, L7, 2024](#)
- 134 **Wang, B., Leja, J., Labbé, I., et al.**, *The UNCOVER Survey: A First-Look HST+JWST Catalog of Galaxy Redshifts and Stellar Populations Properties Spanning $0.2 \lesssim z \lesssim 15$* , [arXiv e-prints, arXiv:2310.01276, 2023](#)
- 133 **Price, S. H., Suess, K. A., Williams, C. C., et al.**, *UNCOVER: The rest ultraviolet to near-infrared multiwavelength structures and dust distributions of sub-millimeter-detected galaxies in Abell 2744*, [arXiv e-prints, arXiv:2310.02500, 2023](#)
- 132 **Glazer, K., Bradac, M., Sanders, R. L., et al.**, *Studying $[CII]$ Emission in Low-mass Galaxies at $z \sim 7$* , [arXiv e-prints, arXiv:2309.11548, 2023](#)

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- 128 **Casey, C. M., Akins, H. B., Shuntov, M., et al.**, *COSMOS-Web: Intrinsically Luminous $z_{sim}10$ Galaxy Candidates Test Early Stellar Mass Assembly*, [arXiv e-prints](#), [arXiv:2308.10932](#), 2023
- 127 **Kokorev, V., Fujimoto, S., Labbe, I., et al.**, *UNCOVER: A NIR-Spec Identification of a Broad Line AGN at $z = 8.50$* , [arXiv e-prints](#), [arXiv:2308.11610](#), 2023
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- 125 **Atek, H., Labbé, I., Furtak, L. J., et al.**, *First spectroscopic observations of the galaxies that reionized the Universe*, [arXiv e-prints](#), [arXiv:2308.08540](#), 2023
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- 123 **Goulding, A. D., Greene, J. E., Setton, D. J., et al.**, *UNCOVER: The growth of the first massive black holes from JWST/NIRSpec – spectroscopic confirmation of an X-ray luminous AGN at $z=10.1$* , [arXiv e-prints](#), [arXiv:2308.02750](#), 2023
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- 120 **Shen, L., Papovich, C., Yang, G., et al.**, *CEERS: Spatially Resolved UV and Mid-infrared Star Formation in Galaxies at $0.2 < z < 2.5$: The Picture from the Hubble and James Webb Space Telescopes*, *ApJ*, **950**, 7, 2023
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- 118 **Leung, G. C. K., Bagley, M. B., Finkelstein, S. L., et al.**, *NGDEEP Epoch 1: The Faint-End of the Luminosity Function at $z \sim 9-12$ from Ultra-Deep JWST Imaging*, [arXiv:2306.06244](#), 2023
- 117 **Labbe, I., Greene, J. E., Bezanson, R., et al.**, *UNCOVER: Candidate Red Active Galactic Nuclei at $3 < z < 7$ with JWST and ALMA*, [arXiv:2306.07320](#), 2023

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- 115 **Yoon, I., Carilli, C. L., Fujimoto, S., et al.**, *ALMA Observation of a $z \gtrsim 10$ Galaxy Candidate Discovered with JWST*, [ApJ](#), 950, 61, 2023
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- 113 **Killi, M., Watson, D., Fujimoto, S., et al.**, *A solar metallicity galaxy at $z > 7$? Possible detection of the [N II] 122 μm and [O III] 52 μm lines*, [MNRAS](#), 521, 2526, 2023
- 112 **Furtak, L. J., Zitrin, A., Weaver, J. R., et al.**, *UNCOVERing the extended strong lensing structures of Abell 2744 with the deepest JWST imaging*, [MNRAS](#), 523, 4568, 2023
- 111 **Kohno, K., Fujimoto, S., Tsujita, A., et al.**, *Unbiased surveys of dust-enshrouded galaxies using ALMA*, [arXiv:2305.15126](#), 2023
- 110 **Hsiao, T. Y.-Y., Abdurro'uf, Coe, D., et al.**, *JWST NIRSpec spectroscopy of the triply-lensed $z = 10.17$ galaxy MACS0647–JD*, [arXiv:2305.03042](#), 2023
- 109 **Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., et al.**, *Spectroscopic Confirmation of CEERS NIRCам-selected Galaxies at $z \simeq 8 - 10$* , [ApJL](#), 951, L22, 2023
- 108 **Valentino, F., Brammer, G., Gould, K. M. L., et al.**, *An Atlas of Color-selected Quiescent Galaxies at $z > 3$ in Public JWST Fields*, [ApJ](#), 947, 20, 2023
- 107 **Akins, H. B., Casey, C. M., Allen, N., et al.**, *Two massive, compact, and dust-obscured candidate $z \sim 8$ galaxies discovered by JWST*, [arXiv:2304.12347](#), 2023
- 106 **McKinney, J., Finnerty, L., Casey, C. M., et al.**, *Broad Emission Lines in Optical Spectra of Hot, Dust-obscured Galaxies Can Contribute Significantly to JWST/NIRCам Photometry*, [ApJL](#), 946, L39, 2023
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- 104 **Xu, Y., Ouchi, M., Isole, Y., et al.**, *EMPRESS. XII. Statistics on the Dynamics and Gas Mass Fraction of Extremely-Metal Poor Galaxies*, [arXiv:2303.12467](#), 2023
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- 100 **Fudamoto, Y., Inoue, A. K., Coe, D., et al.**, *The Extended [CII] under Construction? Observation of the brightest high- z lensed star-forming galaxy at $z = 6.2$* , [arXiv:2303.07513, 2023](#)
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- 97 **Kocevski, D. D., Barro, G., McGrath, E. J., et al.**, *CEERS Key Paper. II. A First Look at the Resolved Host Properties of AGN at $3 < z < 5$ with JWST*, [ApJL, 946, L14, 2023](#)
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- 93 **Zavala, J. A., Buat, V., Casey, C. M., et al.**, *Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations*, [ApJL, 943, L9, 2023](#)
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- 91 **Brinch, M., Greve, T. R., Weaver, J. R., et al.**, *COSMOS2020: Identification of High- z Protocluster Candidates in COSMOS*, [ApJ, 943, 153, 2023](#)
- 90 **Bagley, M. B., Pirzkal, N., Finkelstein, S. L., et al.**, *The Next Generation Deep Extragalactic Exploratory Public (NGDEEP) Survey*, [arXiv:2302.05466, 2023](#)
- 89 **Welch, B., Coe, D., Zitrin, A., et al.**, *RELICS: Small-scale Star Formation in Lensed Galaxies at $z = 6-10$* , [ApJ, 943, 2, 2023](#)
- 88 **Kocevski, D. D., Onoue, M., Inayoshi, K., et al.**, *Hidden Little Monsters: Spectroscopic Identification of Low-Mass, Broad-Line AGN at $z > 5$ with CEERS*, [arXiv:2302.00012, 2023](#)

- 87 **Weaver, J. R., Cutler, S. E., Pan, R., et al.**, *The UNCOVER Survey: A first-look HST+JWST catalog of 50,000 galaxies near Abell 2744 and beyond*, [arXiv:2301.02671](#), 2023
- 86 **Cleri, N. J., Olivier, G. M., Hutchison, T. A., et al.**, *Using [Ne V]/[Ne III] to Understand the Nature of Extreme-ionization Galaxies*, [ApJ](#), **953**, 10, 2023
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- 79 **Welch, B., Coe, D., Zackrisson, E., et al.**, *JWST Imaging of Earendel, the Extremely Magnified Star at Redshift $z = 6.2$* , [ApJL](#), **940**, L1, 2022
- 78 **Casey, C. M., Kartaltepe, J. S., Drakos, N. E., et al.**, *COSMOS-Web: An Overview of the JWST Cosmic Origins Survey*, [ApJ](#), **954**, 31, 2023
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- 70 **Romano, M., Morselli, L., Cassata, P., et al.**, *The ALPINE-ALMA [CII] survey: The population of [CII]-undetected galaxies and their role in the $L_{[CII]}$ -SFR relation*, [A&A, 660, A14, 2022](#)
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- 68 **Xu, Y., Ouchi, M., Rauch, M., et al.**, *EMPRESS. VI. Outflows Investigated in Low-mass Galaxies: Weak Feedback in Low-mass Galaxies?*, [ApJ, 929, 134, 2022](#)
- 67 **Harikane, Y., Ono, Y., Ouchi, M., et al.**, *GOLDRUSH. IV. Luminosity Functions and Clustering Revealed with 4,000,000 Galaxies at z 2-7: Galaxy-AGN Transition, Star Formation Efficiency, and Implication for Evolution at $z > 10$* , [ApJS, 259, 20, 2022](#)
- 66 **Hashimoto, T., Inoue, A. K., Sugahara, Y., et al.**, *Big Three Dragons: Molecular Gas in a Bright Lyman-Break Galaxy at $z = 7.15$* , [arXiv:2203.01345, 2022](#)
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