

Seiji Fujimoto

Publication list

Department of Astronomy
The University of Texas at Austin
☎ (+1) 737 802 2551
✉ fujimoto@utexas.edu

Total citation = 9855, H-index = 54 (as of Aug. 24, 2024 from ADS)

First author

Journal Article (12 published, 3 submitted, 945 citation)

- 15 **Fujimoto, S., Ouchi, M., Kohno, K., et al.**, *Primordial Rotating Disk Composed of ≥ 15 Star Forming Clumps at Cosmic Dawn*, [arXiv:2402.18543](https://arxiv.org/abs/2402.18543), submitted to Nature, under review, 2024
- 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 $z = 8.50\text{--}13.08$ 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), ApJS in press, 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
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- 8 **Fujimoto, S., Brammer, G., Watson, D., et al.**, *A dusty, compact object bridging galaxies and quasars at cosmic dawn*, *Nature*, **604**, 261, 2022
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- 6 **Fujimoto, S., Silverman, J. D., Bethermin, M., et al.**, *The ALPINE-ALMA [C II] Survey: Size of Individual Star-forming Galaxies at $z = 4\text{--}6$ and Their Extended Halo Structure*, *ApJ*, **900**, 1, 2020
- 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 μ m 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](#)

White paper (1 published)

- 1 **Fujimoto, S.**, *Cold Molecular Gas Halo at $z \sim 6$ with ngVLA*, [ngVLA Science Memo Series](#)

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- 2 **Fujimoto, S.**, *Cold Molecular Gas Halo at $z \sim 6$ with ngVLA*, [ngVLA Science Memo Series](#), G002
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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*, [A&A in press](#), 2024
- 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*, [A&A in press](#), 2024
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- 1 **Yuma, S., Ouchi, M., Fujimoto, S., Kojima, T., Sugahara, Y.**, *A Giant Green Pea Identified in the Spectroscopy of Spatially Extended [O III] Sources*, [ApJ](#), 882, 17, 2019

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- 164 **Setton, D. J., Khullar, G., Miller, T. B., et al.**, *UNCOVER NIR-Spec/PRISM Spectroscopy Unveils Evidence of Early Core Formation in a Massive, Centrally Dusty Quiescent Galaxy at $z_{\text{spec}} = 3.97$* , [arXiv e-prints](#), [arXiv:2402.05664](#), 2024

- 163 **Uematsu, R., Ueda, Y., Kohno, K., et al.**, *ALMA Lensing Cluster Survey: Full SED Analysis of z 0.5-6 Lensed Galaxies Detected with Millimeter Observations*, [arXiv e-prints](#), [arXiv:2402.05849](#), 2024
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- 161 **Tripodi, R., Scholtz, J., Maiolino, R., et al.**, *HYPERION. Interacting companion and outflow in the most luminous $z > 6$ quasar*, [A&A](#), **682**, A54, 2024
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- 158 **Burgasser, A. J., Bezanson, R., Labbe, I., et al.**, *UNCOVER: JWST Spectroscopy of Three Cold Brown Dwarfs at Kiloparsec-scale Distances*, [ApJ](#), **962**, 177, 2024
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- 156 **Xu, Y., Ouchi, M., Isole, Y., et al.**, *EMPRESS. XII. Statistics on the Dynamics and Gas Mass Fraction of Extremely Metal-poor Galaxies*, [ApJ](#), **961**, 49, 2024
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- 154 **Adamo, A., Bradley, L. D., Vanzella, E., et al.**, *The discovery of bound star clusters 460 Myr after the Big Bang*, [arXiv e-prints](#), [arXiv:2401.03224](#), 2024
- 153 **Weaver, J. R., Cutler, S. E., Pan, R., et al.**, *The UNCOVER Survey: A First-look HST + JWST Catalog of 60,000 Galaxies near A2744 and beyond*, [ApJS](#), **270**, 7, 2024
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- 142 **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
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- 139 **Cooper, O. R., Casey, C. M., Akins, H. B., et al.**, *The Web Epoch of Reionization Lyman- α Survey (WERLS) I. MOSFIRE Spectroscopy of $z \sim 7 - 8$ Lyman- α Emitters*, [arXiv e-prints](#), [arXiv:2309.06656](#), 2023
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- 132 **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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- 126 **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](#)
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- 121 **Hashimoto, T., Inoue, A. K., Sugahara, Y., et al.**, *Big Three Dragons: Molecular Gas in a Bright Lyman-break Galaxy at $z = 7.15$* , [ApJ](#), **952**, 48, 2023
- 120 **Isobe, Y., Ouchi, M., Nakajima, K., et al.**, *EMPRESS. IX. Extremely Metal-poor Galaxies are Very Gas-rich Dispersion-dominated Systems: Will the James Webb Space Telescope Witness Gaseous Turbulent High- z Primordial Galaxies?*, [ApJ](#), **951**, 102, 2023
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- 118 **Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., et al.**, *Spectroscopic Confirmation of CEERS NIRC*am*-selected Galaxies at $z = 8-10$* , [ApJL](#), **951**, L22, 2023
- 117 **Yoon, I., Carilli, C. L., Fujimoto, S., et al.**, *ALMA Observation of a $z = 10$ Galaxy Candidate Discovered with JWST*, [ApJ](#), **950**, 61, 2023
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- 115 **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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- 111 **Faisst, A. L., Amorin, R., Bardelli, S., et al.**, *Witnessing the Maturing of Teenage Galaxies at $z = 4 - 6$ with a Comprehensive UV - Optical - Sub-mm Benchmark Sample for the Community*, [JWST Proposal. Cycle 2](#), 3045, 2023
- 110 **Bradley, L., Abdurro'uf, A., Adamo, A., et al.**, *Unveiling the Most Distant Lensed Arc at $z = 10$* , [JWST Proposal. Cycle 2](#), 4212, 2023
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