LIST OF PUBLICATIONS
(as of 30th September 2024)

Refereed 8 first author – 57 co-author – 2405 citations – H-index: 29

First author:

8. **Gómez-Guijarro, C.**, Magnelli, B., Elbaz, D., et al. 2023, A&A, 677, A34
JWST CEERS probes the role of stellar mass and morphology in obscuring galaxies

7. **Gómez-Guijarro, C.**, Elbaz, D., Xiao, M., et al. 2022b, A&A, 659, A196
GOODS-ALMA 2.0: Starbursts in the main sequence reveal compact star formation regulating galaxy evolution prequenching

6. **Gómez-Guijarro, C.**, Elbaz, D., Xiao, M., et al. 2022a, A&A, 658, A43
GOODS-ALMA 2.0: Source catalog, number counts, and prevailing compact sizes in 1.1mm galaxies

5. **Gómez-Guijarro, C**., Magdis, G. E., Valentino, F., et al. 2019, ApJ, 886, 88
Compact Star-Forming Galaxies as Old Starbursts Becoming Quiescent

4. **Gómez-Guijarro, C**., Riechers, D. A., Pavesi, R., et al. 2019, ApJ, 872, 117
Confirming *Herschel* Candidate Protoclusters from ALMA/VLA CO Observations

3. **Gómez-Guijarro, C.**, Toft, S., Karim, A., et al. 2018, ApJ, 856, 121
Starburst to Quiescent from *HST*/ALMA: Stars and Dust Unveil Minor Mergers in Submillimeter Galaxies at z ~ 4.5

2. **Gómez-Guijarro, C.**, González-Martín, O., Ramos Almeida, C., et al. 2017, MNRAS, 469, 2720
A comparison between the soft X-ray and [OIII] morphologies of active galactic nuclei

1. **Gómez-Guijarro, C.**, Gallego, J., Villar, V., et al. 2016, A&A, 591, A151
Properties of galaxies at the faint end of the Hα luminosity function

Major contributor (project design, supervision, observations, data reduction, major analysis and/or manuscript writing):

57. Le Bail, A., Daddi, E., Elbaz, D., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 688, A53
JWST/CEERS sheds light on dusty star-forming galaxies: Forming bulges, lopsidedness, and outside-in quenching at cosmic noon

56. Mérida, R. M., **Gómez-Guijarro**, C., Pérez-González, P. G., et al. 2024, A&A, 686, A64
Measuring the gas reservoirs in $10^8 < M_* < 10^{11}$ galaxies at $1 < z < 3$

55. Blánquez-Sesé, D., Magdis, G. E., **Gómez-Guijarro, C.**, et al. 2023, A&A, 679, L2
Uncovering the MIR emission of quiescent galaxies with JWST

54. McKinney, J., Pope, A., Kirkpatrick, A., et al. **(including Gómez-Guijarro, C.)** 2023, ApJ, 955, 136
The IR Compactness of Dusty Galaxies Set Star-formation and Dust Properties at z ~ 0-2

53. Magnelli, B., **Gómez-Guijarro**, C., Elbaz, D., et al. 2023, A&A, 678, A83
CEERS: MIRI deciphers the spatial distribution of dust-obscured star formation in galaxies at 0.1<z<2.5

52. Kokorev, V., Jin, S., **Gómez-Guijarro, C.**, et al. 2023, A&A, 677, A172
"Dust Giant": Extended and Clumpy Star-Formation in a Massive Dusty Galaxy at z = 1.38

51. Coogan, R., Daddi, E., Le Bail, A., et al. **(including Gómez-Guijarro, C.)** 2023, A&A, 677, A3
A z = 1.85 galaxy group in CEERS: evolved, dustless, massive Intra-Halo Light and a Brightest Group Galaxy in the making

50. Blánquez-Sesé, D., **Gómez-Guijarro, C.**, Magdis, G. E., et al. 2023, A&A, 674, A166
The Gas Mass Reservoir of Quiescent Galaxies at Cosmic Noon

49. Jiménez-Andrade, E. F., Cantalupo, S., Magnelli, B., et al. **(including Gómez-Guijarro, C.)** 2023, MNRAS, 521, 2326
The Lyα, CIV, and HeII nebulae around J1000+0234: a galaxy pair at the center of a galaxy overdensity at z = 4.5

48. Ciesla, L., **Gómez-Guijarro, C.**, Buat, V., et al. 2023, A&A, 672, A191
GOODS-ALMA 2.0: Last gigayear star formation histories of the so-called starbursts within the main sequence

47. Xiao, M. -Y., Elbaz, D., **Gómez-Guijarro, C.**, et al. 2023, A&A, 672, A18
The hidden side of cosmic star formation at z > 3. Bridging optically dark and Lyman-break galaxies with GOODS-ALMA

46. Kalita, B. S., Daddi, E., Bournaud, F., et al. **(including Gómez-Guijarro, C.)** 2022, A&A, 666, A44
Bulge formation inside quiescent lopsided stellar disks: Connecting accretion, star formation, and morphological transformation in a z ~ 3 galaxy group

45. Fraternali, F., Karim, A., Magnelli, B., **Gómez-Guijarro, C.**, et al. 2021, A&A, 647, A194
Fast rotating and low-turbulence discs at z ~ 4.5: Dynamical evidence of their evolution into local early-type galaxies

44. Donevski, D., Lapi, A., Małek, K., et al. **(including Gómez Guijarro, C.)** 2020, A&A, 644, A144
In pursuit of giants. I. The evolution of the dust-to-stellar mass ratio in distant dusty galaxies
43. Martin-Alvarez, S., Slyz, A., Devriendt, J., **Gómez-Guijarro, C.** 2020, MNRAS, 495, 4475
How primordial magnetic fields shrink galaxies
42. Valentino, F., Tanaka, M., Davidzon, I., et al. **(including Gómez-Guijarro, C.)** 2020, ApJ, 889, 93
Quiescent Galaxies 1.5 Billion Years after the Big Band and Their Progenitors

Team contributor (Minor analysis and/or detailed comments):
41. Tan, Q-H., Daddi, E., Magnelii, B., et al. **(including Gómez-Guijarro, C.)**
Nature in press (arXiv:2407.16578)
Unveiling In-Situ Spheroid Formation in Distant, Submillimeter-Bright Galaxies
40. Lyu, Y.; Magnelli, B; Elbaz, D., et al. **(including Gómez-Guijarro, C.)**
A&A in press (arXiv:2406.11571)
PRIMER: JWST/MIRI reveals the evolution of star-forming structures in galaxies at z<2.5
39. Lu, S.; Daddi, E.; Maraston, C., et al. **(including Gómez-Guijarro, C.)**
Nature Astronomy in press (arXiv:2403.07414)
Strong asymptotic giant branch stars' spectral features in distant quiescent galaxies
38. Xiao, M., Oesch, P., Elbaz, D., et al. **(including Gómez-Guijarro, C.)**
Nature in press (arXiv:2309.02492)
Accelerated Formation of Ultra-Massive Galaxies in the First Billion Years
37. Sillassen, N. B.; Jin, S.; Magdis, G. E., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 690, A55
NOEMA formIng Cluster survEy (NICE): Characterizing eight massive galaxy groups at 1.5 < z < 4 in the COSMOS field
36. Magnelli, B.; Adscheid, S.; Wang, T-M., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 688, A55
A^{3}COSMOS: Measuring the cosmic dust-attenuated star formation rate density at 4 < z < 5
35. Ciesla, L., Elbaz, D., Ilbert, O., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 686, A128
Identification of a transition from stochastic to secular star formation around z = 9 with JWST
34. Ito, K., Valentino, F., Brammer, G., et al. **(including Gómez-Guijarro, C.)** 2024, ApJ, 964, 192
Size – Stellar Mass Relation and Morphology of Quiescent Galaxies at z ⩾ 3 in Public JWST Fields
33. Zhou, L., Wang, T., Daddi, E., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 684, A196
Noema formIng Cluster survEy (NICE): Discovery of a starbursting galaxy group with a radio-luminous core at z = 3.95
32. Tan, Q-H., Daddi, E., de Souza Magalhães, V., et al. **(including Gómez-Guijarro, C.)** 2024, A&A, 684, A23
Fitting pseudo-Sérsic (Spergel) light profiles to galaxies in interferometric data: The excellence of the uv-plane
31. Barro, G., Perez-Gonzalez, P. G., Kocevski, D., et al. **(including Gómez-Guijarro, C.)** 2024, ApJ, 963, 128
Extremely Red Galaxies at z = 5–9 with MIRI and NIRSpec: Dusty Galaxies or Obscured Active Galactic Nuclei?
30. Akins, H. B., Casey, C. M., Allen, N., et al. **(including Gómez-Guijarro, C.)** 2023, ApJ, 956, 61
Two massive, compact, and dust-obscured candidate z ∼ 8 galaxies discovered by JWST
29. Valentino, F., Brammer, G., Gould, K. M. L., et al. **(including Gómez-Guijarro, C.)** 2023, ApJ, 947, 20
An Atlas of Color-selected Quiescent Galaxies at z > 3 in Public JWST Fields
28. Pérez-González, P. G., Barro, G., Annuziatella, M., et al. **(including Gómez-Guijarro, C.)** 2023, ApJL, 946, L16
CEERS Key Paper. IV. A Triality in the Nature of HST-dark Galaxies
27. Kokorev, V., Jin, S., Magdis, G. E., et al. **(including Gómez-Guijarro, C.)** 2023, ApJL, 945, L25
JWST Insight into a Lensed HST-dark Galaxy and Its Quiescent Companion at z = 2.58
26. Zavala, J. A., Buat, V., Casey, C. M., et al. **(including Gómez-Guijarro, C.)**, 2023, ApJL, 943, L9
Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations
25. Jin, S., Sillassen, N. B., Magdis, G. E., et al. **(including Gómez-Guijarro, C.)** 2023, A&A, 665, L7
Massive galaxy formation caught in action at z ∼ 5 with JWST
24. Finkelstein, S., Bagley, M., Arrabal Haro, P., et al. **(including Gómez-Guijarro, C.)** 2022, ApJL, 940, L55
A Long Time Ago in a Galaxy Far, Far Away: A Candidate z 12 Galaxy in Early JWST CEERS Imaging
23. Sillassen, N. B., Jin, S., Magdis, G. E., et al. **(including Gómez-Guijarro, C.)** 2022, A&A, 670, L11
A galaxy group candidate at z ≈ 3.7 in the COSMOS field
22. Xiao, M. -Y., Wang, T., Elbaz, D., et al. **(including Gómez-Guijarro, C.)** 2022, A&A, 664, A63

Starbursts with suppressed velocity dispersion revealed in a forming cluster at z = 2.51

21. Daddi, E., Delvecchio, I., Dimauro, P., et al. (including Gómez-Guijarro, C.) 2022, A&A, 661, L7
The bending of the star-forming main sequence traces the cold- to hot-accretion transition mass over 0 < z < 4

20. Puglisi, A., Daddi, E., Valentino, F., et al. **(including Gómez-Guijarro, C.)** 2021, MNRAS, 508, 5217
Submillimetre compactness as a critical dimension to understand the main sequence of star-forming galaxies

19. Kokorev, V. I., Magdis, G. E., Davidzon, I., et al. **(including Gómez-Guijarro, C.)** 2021, ApJ, 921, 40
The Evolving Interstellar Medium of Star-forming Galaxies, as Traced by Stardust

18. Valentino, F., Daddi, E., Puglisi, A., et al. **(including Gómez-Guijarro, C.)** 2021, A&A, 654, A165
The effect of active galactic nuclei on the cold interstellar medium in distant star-forming galaxies

17. Kalita, B. S., Daddi, E., D'Eugenio, C., et al. **(including Gómez-Guijarro, C.)** 2021, ApJ, 917, L17
An Ancient Massive Quiescent Galaxy Found in a Gas-rich z ~ 3 Group

16. Kalita, B. S., Daddi, E., Coogan, R. T., et al. **(including Gómez-Guijarro, C.)** 2021, MNRAS, 503, 1174
Feedback factory: multiple faint radio jets detected in a cluster at z = 2

15. Stockmann, M., Jørgensen, I., Toft, S., et al. **(including Gómez-Guijarro, C.)** 2021, ApJ, 908, 135
The Fundamental Plane of Massive Quiescent Galaxies at z ~ 2

14. Franco, M., Elbaz, D., Zhou, L., et al. **(including Gómez-Guijarro, C.)** 2020, A&A, 643, A53
GOODS-ALMA: Using IRAC and VLA to probe fainter millimeter galaxies

13. Franco, M., Elbaz, D., Zhou, L., et al. **(including Gómez-Guijarro, C.)** 2020, A&A, 643, A30
GOODS-ALMA: The slow downfall of star formation in z = 2-3 massive galaxies

12. Valentino, F., Daddi, E., Puglisi, A., et al. **(including Gómez-Guijarro, C.)** 2020, A&A, 641, A155
CO emission in distant galaxies on and above the main sequence

11. Steinhardt, C. L., Jauzac, M., Acebron, A., et al. **(including Gómez-Guijarro, C.)**, ApJS, 247, 64
The BUFFALO HST Survey

10. Stockmann, M., Toft, S., Galazzi., A., et al. **(including Gómez-Guijarro, C.)** 2020, ApJ, 888, 4
X-Shooter spectroscopy and HST imaging of 15 ultra massive quiescent galaxies at z > 2

9. Tanaka, M., Valentino, F., Toft, S., et al. **(including Gómez-Guijarro, C.)** 2019, ApJ, 885, L34
Stellar Velocity Dispersion of a Massive Quenching Galaxy at z = 4.01

8. Cortzen, I., Garrett, J., Magdis, G., et al. **(including Gómez-Guijarro, C.)** 2019, MNRAS, 482, 1618
PAHs as tracers of the molecular gas in star-forming galaxies

7. Borlaff, A., Truijillo, I., Román, J., et al. **(including Gómez-Guijarro, C.)** 2019, A&A, 621, A133
The missing light of the Hubble Ultra Deep Field

6. Kubo, M., Tanaka, M., Yabe, K., et al. **(including Gómez-Guijarro, C.)** 2018, ApJ, 867, 1
The Rest-frame Optical Sizes of Massive Galaxies with Suppressed Star Formation at z ~ 4

5. Fujimoto, S., Ouchi, M., Kohno, K., et al. **(including Gómez-Guijarro, C.)** 2018, ApJ, 861, 7
ALMA 26 Arcmin^2 Survey of GOODS-S at One Millimeter (ASAGAO): Average Morphology of High-z Dusty Star-forming Galaxies is an Exponential Disk (n ~ 1)

4. Jiménez-Andrade, E. F., Magnelli, B., Karim, A., et al. **(including Gómez-Guijarro, C.)** 2018, A&A, 615, A25
Molecular gas in AzTEC/C159: a star-forming disk galaxy 1.3 Gyr after the Big Bang

3. Lee, N., Seth, K., Scott, K. S., et al. **(including Gómez Guijarro, C.)** 2017, MNRAS, 471, 2124
The fine line between normal and starburst galaxies

2. Magdis, G. E., Rigopoulou, D., Daddi, E., et al. **(including Gomez Guijarro, C.)** 2017, A&A, 603, A93
Gas and dust in star-forming galaxies at z ~ 3. Extending galaxy uniformity to 11.5 billion years

1. Toft, S., Zabl, J., Richard, J., et al. **(including Gómez-Guijarro, C.)** 2017, Nature, 546, 510
A massive, dead disk galaxy in the early Universe

Proceedings

3. **Gómez-Guijarro, C**., et al. 2023, SF2A-2023: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics - *JWST probes the role of stellar mass and morphology in obscuring galaxies*

2. **Gómez-Guijarro, C**., et al. 2021, Galaxy Evolution and Feedback Across Different Environments, Proceedings of the International Astronomical Union - *High-redshift starbursts as progenitors of massive galaxies*

1. **Gómez-Guijarro, C**., et al. 2015, Highlights of Spanish Astrophysics VII, Proceedings of the XI Scientific Meeting of the Spanish Astronomical Society - *Star-forming galaxies at z ~ 0.61*