Shuowen JIN

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I am an astronomer investigating galaxies and galaxy clusters in the early Universe, aiming to understand their formation, their growth, the evolution of their properties, and their death. I accomplished 90 peer-reviewed publications with 3500+ citations, including 16 papers as the first/second author.

Positions

2024 – present	DAWN Fellow
2022 – 2024	Marie Curie Fellow
2021 – 2022	Postdoctoral researcher
	Cosmic Dawn Center, DTU Space, Technical University of Denmark
2019 – 2021	Postdoctoral researcher
	Instituto de Astrofísica de Canarias (IAC), Spain

Education

2014 – 2018	PhD in astronomy
	School of Astronomy and Space Science, Nanjing University, China
	Supervisors: Emanuele Daddi, Qiusheng Gu
2015 – 2017	China Scholarship Council PhD Fellowship
	CEA Paris-Saclay, France
2011 – 2014	Master's in astrophysics
	Purple Mountain Observatory, China Academy of Science, China
2007 – 2011	Bachelor's in physics
	Sichuan Normal University, China

Grant as PI

1) EU Marie Skłodowska-Curie Actions (MSCA), 2022 – 2024, project : FIRSTDUST
   Budget: 230,000 EUR
2) China Scholarship Council PhD Fellowship, 2015 – 2017
   Budget: 28,800 EUR

Hornor & Award

1) Marie Curie Postdoctoral Fellowship 2022 – 2024
2) AAS & IOP China Top Cited Paper Award 2022
3) AAS & IOP China Top Cited Paper Award 2021
4) China Scholarship Council PhD Fellowship 2015 – 2017

Publication

Complete publication list on Google Scholar.

Statistics: 90 peer-reviewed publications; Total citations: 3500+; **H-index: 36**.

   8 papers as 1st-author (of which 4 without PhD supervisor; 2 top-cited paper awards).
   8 papers as supervisor (of which 5 without PhD supervisor).

Co-supervision

PhD students:
- N. Sillassen (DAWN), *publications*: Sillaseen, **Jin** et al. 2024, 2025
- M. Brinch (DAWN → U. Valparíso), *publication*: Brinch, **Jin** et al. 2025
- V. Kokorev (DAWN → UT Austin), *publications*: Kokorev, **Jin** et al. 2023a, 23b
- M. Shuntov (IAP → DAWN), *outcome*: 2 NOEMA proposals; Shuntov, **Jin** et al. 2025
- A. Le Bail (CEA Saclay → UC Merced), *outcome*: CEERS FIR catalog
- D. Blanquez Sese (DAWN), *publication*: Blanquez Sese et al. 2023

- D. van der Vlugt (Leiden), *publication*: van der Vlugt, Hodge, **Jin** et al. 2023

Master students:
- N. Sillassen (DTU → DAWN), *publication*: Sillassen, **Jin** et al. 2022
- M. Merchant (KU), *outcome*: Synthesis project report
- H. Lei (KU), *publication*: Lei et al. 2023

Awarded telescope time

PI/leading projects:
- **1 JWST** proposal (7 hrs).
- **7 ALMA** proposals, total time: 36 hrs.
- **11 NOEMA** proposals, total time: 216 hrs.
- **1 VLT/FORS2** proposal (6 hrs).
- **1 Keck/DEIMOS** proposal (2 nights).

Co-I projects:

ALMA 350+ hrs; NOEMA 610+ hrs; JWST 22 hrs;
VLT 20+ hrs; VLA: 20+ hrs.

Scientific presentation

Invited colloquia:
- 07/2024, Nanjing University, Nanjing, China
- 06/2023, Observatory of Rome, Italy
- 04/2021, Xiamen University, China

Invited talks (selected):
- 06/2024, First Structures 2024 conference, Paris, France
- 06/2024, Cosmic Odysseys conference, Crete, Greece
- 12/2023, lunch talk, Leiden University, The Neitherlands
- 01/2021, virtual seminar at LAM, Marseille, France
- 10/2019, CSIRO Marsfield, Australia
- 04/2019, seminar, NRAO, Charlottesville, US

Major international team

Euclid Consortium, COSMOS, COSMOS-Web team, DAWN JWST Archive (DJA) team,
ALMA FPA team, ALMA CHAMP LP, NOEMA NICE LP, NOEMA z-GAL LP, MIGHTEE

Community service

Reviewer for journals
MNRAS, A&A, ApJL.
Reviewer for telescope proposals
JWST, ALMA, VLT
Conference LOC/SOC
FIRST STRUCTURES 2017 LOC; EAS 2023 session SOC

Press release (PR)

PR by DAWN [Early galaxy formation caught in the act with James Webb](#)
PR by DAWN [Shuowen Jin receives the 2022 IOP China Top Cited Paper Award](#)
PR by DAWN [Master student discovers a group of galaxies clustered together in the early Universe](#)
PR by DAWN [Shuowen Jin started the Marie Curie project FIRSTDUST at DAWN](#)
PR by DAWN [Radio- and microwaves reveal the true nature of dark galaxies in the early Universe](#)
PR by DAWN [Shuowen Jin receives the 2021 IOP China Top Cited Paper Award](#)
PR by IAC [A challenge to models of star-formation truncation in massive galaxies](#)

Language

English (fluent), Chinese (native), French (basic)