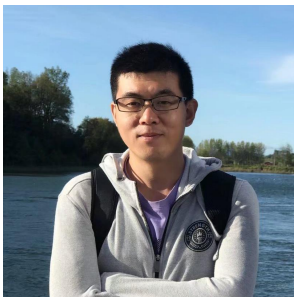
# Name: Jixing Ge



## Professional:

Research Professor

Master Supervisor

## Education:

2011-2016 University of Chinese Academy of Sciences Ph.D.

2005-2009 Tangshan Normal University B.S.

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## Research Interests:

Astrochemistry modeling, radio observation, molecular clouds and star formation.

## Selected Publications:

1. A three-dimensional chemical simulation with irregular density distributions of L1544, *Ge Jixing et al., MNRAS, Volume 521, Issue 2, pp.2833-2844，2023

2. Disk Dissipation, Giant Planet Formation, and Star Formation Rate Fluctuations in the 3 Myr History of Gould's Belt, Liu Mingchao, He Jinhua and *Ge Jixing et al., ApJ, 943:39 (13pp)， 2023

3. GGCHEMPY: A pure Python-based gas-grain chemical code for efficient simulation of interstellar chemistry, *Ge Jixing, RAA, Volume 22, Issue 1, id.015004, 16 pp，2022

4. Three-dimensional Projection Effects on Chemistry in a Planck Galactic Cold Clump, *Ge et al., ApJ, 891:36 (13pp)， 2020

5. The roles of polycyclic aromatic hydrocarbons in dark cloud chemistry: new constraints on sulphur-bearing species, *Ge et al., MNARS, 497, 3306–3322, 2020

6. Formation pathways of complex organic molecules: OH？ projectile colliding with methanol ice mantle (CH3OH)10，Inostroza-Pino, Natalia；Mardones, Diego；*Ge,

Jixing J. X.; MacLeod-Carey, Desmond， A&A, Volume 641, id.A14, 7 pp, 2020

7. Chemical Properties of Two Dense Cores in a Planck Galactic Cold Clump G168.72-15.48, 2019, Tang Mengyao, Ge Jixing and Qin Shengli et al., ApJ, 887:243, 2019

8. Effects of turbulent dust grain motion to interstellar chemistry, *Ge et al., MNARS, 455, 3570–3587, 2016

9. Interstellar chemical differentiation across grain sizes, *Ge et al., MNRASL, 460, L50–L54,2016

10. Early-stage star-forming cloud cores in Galactic Legacy Infrared Mid-Plane Survey (GLIMPSE) extended green objects (EGOs) as traced by organic species, *Ge et al., MNARS, Volume 445, Issue 2, p.1170-1185, 2014