

# Fujun Du

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

769  
citations

840776

11  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Evolution During the Formation of Molecular Clouds. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 065022.	1.7	3
2	Unusually High HCO <sup>+</sup> /CO Ratios in and outside Supernova Remnant W49B. <i>Astrophysical Journal</i> , 2022, 931, 144.	4.5	6
3	A Detailed Temperature Map of the Archetypal Protostellar Shocks in L1157. <i>Astrophysical Journal Letters</i> , 2022, 933, L35.	8.3	4
4	Chempl: a playable package for modeling interstellar chemistry. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 077.	1.7	4
5	Chemical modeling of the complex organic molecules in the extended region around Sagittarius B2. <i>Astronomy and Astrophysics</i> , 2021, 648, A72.	5.1	5
6	Propionamide (C <sub>2</sub> H <sub>5</sub> CONH <sub>2</sub> ): The Largest Peptide-like Molecule in Space. <i>Astrophysical Journal</i> , 2021, 919, 4.	4.5	13
7	The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. <i>Astrophysical Journal</i> , 2021, 920, 119.	4.5	22
8	A Morphological Classification of 18,190 Molecular Clouds Identified in <sup>12</sup> CO Data from the MWISP Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 51.	7.7	13
9	Volatile depletion in planet-forming disks. <i>Chinese Journal of Chemical Physics</i> , 2020, 33, 85-90.	1.3	0
10	Mapping observations of complex organic molecules around Sagittarius B2 with the ARO 12m telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 556-565.	4.4	9
11	Impact of an Active Sgr A* on the Synthesis of Water and Organic Molecules throughout the Milky Way. <i>Astrophysical Journal</i> , 2020, 899, 92.	4.5	7
12	The Chemical Structure of Young High-mass Star-forming Clumps. II. Parsec-scale CO Depletion and Deuterium Fraction of HCO <sup>+</sup> . <i>Astrophysical Journal</i> , 2020, 901, 145.	4.5	13
13	Molecular Gas toward the Gemini OB1 Molecular Cloud Complex. III. Chemical Abundance. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 25.	7.7	9
14	Survey of Cold Water Lines in Protoplanetary Disks: Indications of Systematic Volatile Depletion. <i>Astrophysical Journal</i> , 2017, 842, 98.	4.5	66
15	HYDROCARBON EMISSION RINGS IN PROTOPLANETARY DISKS INDUCED BY DUST EVOLUTION. <i>Astrophysical Journal</i> , 2016, 831, 101.	4.5	149
16	EXPLORING THE ORIGINS OF DEUTERIUM ENRICHMENTS IN SOLAR NEBULAR ORGANICS. <i>Astrophysical Journal</i> , 2016, 819, 13.	4.5	43
17	VOLATILE DEPLETION IN THE TW HYDRAE DISK ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2015, 807, L32.	8.3	76
18	WATER VAPOR DISTRIBUTION IN PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2014, 792, 2.	4.5	72

#	ARTICLE	IF	CITATIONS
19	The ancient heritage of water ice in the solar system. <i>Science</i> , 2014, 345, 1590-1593.	12.6	229
20	A12CO,13CO, and C18O Survey of Infrared Dark Clouds. <i>Astrophysical Journal</i> , 2008, 686, 384-398.	4.5	26