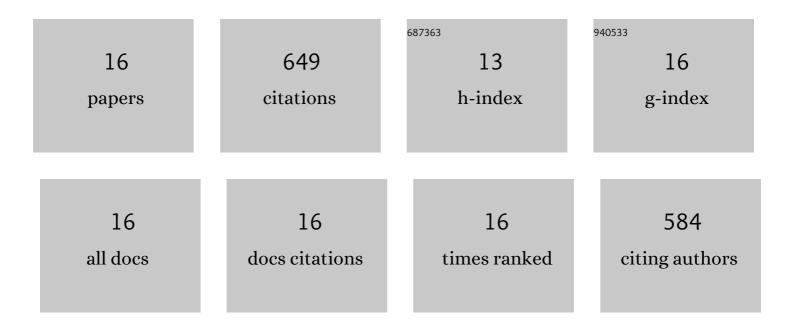
Jeong-Gyu Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/588095/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Modeling UV Radiation Feedback from Massive Stars. II. Dispersal of Star-forming Giant Molecular Clouds by Photoionization and Radiation Pressure. Astrophysical Journal, 2018, 859, 68.	4.5	151
2	DISRUPTION OF MOLECULAR CLOUDS BY EXPANSION OF DUSTY H II REGIONS. Astrophysical Journal, 2016, 819, 137.	4.5	63
3	Star Formation Efficiency and Dispersal of Giant Molecular Clouds with UV Radiation Feedback: Dependence on Gravitational Boundedness and Magnetic Fields. Astrophysical Journal, 2021, 911, 128.	4.5	63
4	Efficiently Cooled Stellar Wind Bubbles in Turbulent Clouds. I. Fractal Theory and Application to Star-forming Clouds. Astrophysical Journal, 2021, 914, 89.	4.5	62
5	The Environmental Dependence of the X _{CO} Conversion Factor. Astrophysical Journal, 2020, 903, 142.	4.5	47
6	Modeling UV Radiation Feedback from Massive Stars. I. Implementation of Adaptive Ray-tracing Method and Tests. Astrophysical Journal, 2017, 851, 93.	4.5	43
7	Efficiently Cooled Stellar Wind Bubbles in Turbulent Clouds. II. Validation of Theory with Hydrodynamic Simulations. Astrophysical Journal, 2021, 914, 90.	4.5	43
8	NATURE OF THE WIGGLE INSTABILITY OF GALACTIC SPIRAL SHOCKS. Astrophysical Journal, 2014, 789, 68.	4.5	42
9	Modeling UV Radiation Feedback from Massive Stars. III. Escape of Radiation from Star-forming Giant Molecular Clouds. Astrophysical Journal, 2019, 883, 102.	4.5	37
10	Diffuse Ionized Gas in Simulations of Multiphase, Star-forming Galactic Disks. Astrophysical Journal, 2020, 897, 143.	4.5	24
11	Star Formation Regulation and Self-pollution by Stellar Wind Feedback. Astrophysical Journal Letters, 2021, 922, L3.	8.3	20
12	INSTABILITY OF EVAPORATION FRONTS IN THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2013, 779, 48.	4.5	14
13	Slow Star Formation in the Milky Way: Theory Meets Observations. Astrophysical Journal Letters, 2022, 929, L18.	8.3	13
14	GRAVITATIONAL INSTABILITY OF ROTATING, PRESSURE-CONFINED, POLYTROPIC GAS DISKS WITH VERTICAL STRATIFICATION. Astrophysical Journal, 2012, 761, 131.	4.5	12
15	Factories of CO-dark gas: molecular clouds with limited star formation efficiencies by far-ultraviolet feedback. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5061-5075.	4.4	8
16	INSTABILITY OF MAGNETIZED IONIZATION FRONTS SURROUNDING H II REGIONS. Astrophysical Journal, 2014, 797, 135.	4.5	7