

Bumhyun Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4220214/publications.pdf>

Version: 2024-02-01

14
papers

291
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of ram pressure on the molecular gas of galaxies: three case studies in the Virgo cluster. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1382-1398.	4.4	75
2	The MALATANG Survey: The $L_{\text{GAS}} \propto L_{\text{IR}}$ Correlation on Sub-kiloparsec Scale in Six Nearby Star-forming Galaxies as Traced by HCN $J=4-3$ and HCO ⁺ $J=4-3$. Astrophysical Journal, 2018, 860, 165.	4.5	35
3	WALLABY Pilot Survey: The Diversity of Ram Pressure Stripping of the Galactic H I Gas in the Hydra Cluster. Astrophysical Journal, 2021, 915, 70.	4.5	31
4	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies. I. Survey overview and first results. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3497-3519.	4.4	30
5	The ALMA Detection of Extraplanar ^{13}CO in a Ram-pressure-stripped Galaxy and Its Implication. Astrophysical Journal Letters, 2018, 866, L10.	8.3	26
6	VERTICO: The Virgo Environment Traced in CO Survey. Astrophysical Journal, Supplement Series, 2021, 257, 21.	7.7	25
7	VERTICO II: How H I-identified Environmental Mechanisms Affect the Molecular Gas in Cluster Galaxies. Astrophysical Journal, 2022, 933, 10.	4.5	17
8	Ram Pressure Stripping of HI-rich Galaxies Infalling into Massive Clusters. Astrophysical Journal, 2020, 903, 103.	4.5	12
9	WALLABY Pre-pilot Survey: The Effects of Tidal Interaction on Radial Distribution of Color in Galaxies of the Eridanus Supergroup. Astrophysical Journal, 2022, 927, 66.	4.5	11
10	An ACA Survey of $[\text{C I}]_{3-1} \propto P_{3-0}$, $\text{CO } J=4-3$, and Dust Continuum in Nearby U/LIRGs. Astrophysical Journal, Supplement Series, 2021, 257, 28.	7.7	10
11	The MALATANG survey: dense gas and star formation from high-transition HCN and HCO ⁺ maps of NGC 253. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1276-1296.	4.4	9
12	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. Astrophysical Journal, Supplement Series, 2021, 257, 52.	7.7	5
13	The HASHTAG project I. A survey of $\text{CO}(3-2)$ emission from the star forming disc of M31. Monthly Notices of the Royal Astronomical Society, 2020, 492, 195-209.	4.4	3
14	Mapping H I in the NGC 4636 Galaxy Group with FAST. Research in Astronomy and Astrophysics, 2022, 22, 095016.	1.7	2