

Bumhyun Lee

List of Publications by Year in descending order

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