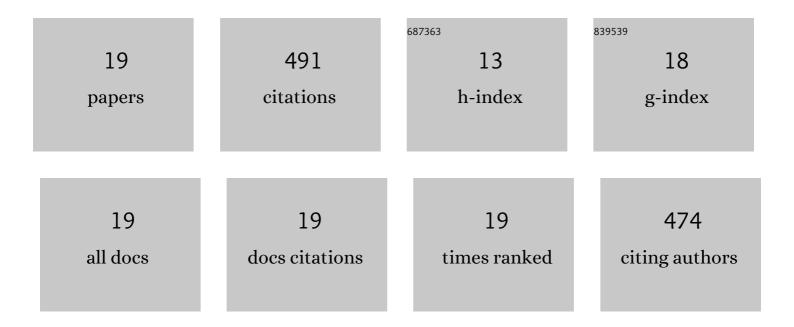
Hyeseung Lee

List of Publications by Year in descending order

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HVESELING LEE

#	Article	IF	CITATIONS
1	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
2	Understanding Polarized Dust Emission from ϕOphiuchi A in Light of Grain Alignment and Disruption by Radiative Torques. Astrophysical Journal, 2021, 906, 115.	4.5	15
3	Observations of Magnetic Fields Surrounding LkH \hat{I} ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16
4	Grain Alignment and Disruption by Radiative Torques in Dense Molecular Clouds and Implication for Polarization Holes. Astrophysical Journal, 2021, 908, 218.	4.5	32
5	Observational Evidence for Rotational Desorption of Complex Molecules by Radiative Torques from Orion BN/KL. Astrophysical Journal, 2021, 908, 159.	4.5	7
6	Effect of Dust Rotational Disruption by Radiative Torques and Implications for the F-corona Decrease Revealed by the Parker Solar Probe. Astrophysical Journal, 2021, 919, 91.	4.5	1
7	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
8	SOFIA Observations of 30 Doradus. I. Far-infrared Dust Polarization and Implications for Grain Alignment and Disruption by Radiative Torques. Astrophysical Journal, 2021, 923, 130.	4.5	11
9	Rotational Disruption of Dust Grains by Mechanical Torques for High-velocity Gas–Grain Collisions. Astrophysical Journal, 2020, 896, 144.	4.5	9
10	Physical Model of Dust Polarization by Radiative Torque Alignment and Disruption and Implications for Grain Internal Structures. Astrophysical Journal, 2020, 896, 44.	4.5	32
11	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
12	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
13	Anisotropic Structure of Synchrotron Polarization. Astrophysical Journal, 2019, 877, 108.	4.5	10
14	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core <i>Ï</i> Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
15	Rotational disruption of dust grains by radiative torques in strong radiation fields. Nature Astronomy, 2019, 3, 766-775.	10.1	78
16	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
17	Synchrotron Intensity Gradients as Tracers of Interstellar Magnetic Fields. Astrophysical Journal, 2017, 842, 30.	4.5	37
18	POLARIMETRIC STUDIES OF MAGNETIC TURBULENCE WITH AN INTERFEROMETER. Astrophysical Journal, 2016, 831, 77.	4.5	22

#	Article	IF	CITATIONS
19	STUDYING MAGNETOHYDRODYNAMIC TURBULENCE WITH SYNCHROTRON POLARIZATION DISPERSION. Astrophysical Journal, 2016, 825, 154.	4.5	22