Rei Enokiya

List of Publications by Year
in descending order

23 papers	358 citations	687363 13 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	377 citing authors

#	Article	IF	Citations
1	Discovery of a Giant Molecular Loop in the Central Region of NGC 253. Astrophysical Journal, 2022, 929, 63.	4.5	0
2	A Multiwavelength Study of the Sgr B Region: Contiguous Cloudâ€“Cloud Collisions Triggering Widespread Star Formation Events?. Astrophysical Journal, 2022, 931, 155.	4.5	1
3	Triggered high-mass star formation in the Hâ€‰<scp>ii</scp> region Wâ€‰28â€‰A2: A cloudâ€“cloud collision scenario. Publication of the Astronomical Society of Japan, 2021, 73, S321-S337.	2.5	3
4	ALMA CO observations of a giant molecular cloud in Mâ€‰33: Evidence for high-mass star formation triggered by cloudâ€“cloud collisions. Publication of the Astronomical Society of Japan, 2021, 73, S62-S74.	2.5	16
5	High-mass star formation in Orion B triggered by cloudâ€“cloud collision: Merging molecular clouds in NGCÂ2024. Publication of the Astronomical Society of Japan, 2021, 73, S256-S272.	2.5	20
6	Massive star formation in the Carina nebula complex and Gum 31. I. the Carina nebula complex. Publication of the Astronomical Society of Japan, 2021, 73, S201-S219.	2.5	14
7	CO observations toward the isolated mid-infrared bubble S44: External triggering of O-star formation by a cloudâ€“cloud collision. Publication of the Astronomical Society of Japan, 2021, 73, S338-S354.	2.5	11
8	Massive star formation in W51 A triggered by cloudâ€“cloud collisions. Publication of the Astronomical Society of Japan, 2021, 73, S172-S200.	2.5	24
9	Cloudâ€“cloud collisions in the common foot point of molecular loops 1 and 2 in the Galactic Center. Publication of the Astronomical Society of Japan, 2021, 73, S75-S90.	2.5	32
10	A kinematic analysis of the CO clouds toward a reflection nebula NGCÂ2023 observed using the NobeyamaÂ45Âm telescope: Further evidence for a cloudâ€“cloud collision in the Orion region. Publication of the Astronomical Society of Japan, 2021, 73, 880-893.	2.5	3
11	Massive star formation in the Carina nebula complex and Gum 31. II. A cloudâ€“cloud collision in Gum 31. Publication of the Astronomical Society of Japan, 2021, 73, 1255-1261.	2.5	1
12	ALMA CO Observations of the Mixed-morphology Supernova Remnant W49B: Efficient Production of Recombining Plasma and Hadronic Gamma Rays via Shockâ€“Cloud Interactions. Astrophysical Journal, 2021, 919, 123.	4.5	19
13	Cloudâ€“cloud collisions and triggered star formation. Publication of the Astronomical Society of Japan, 2021, 73, S1-S34.	2.5	69
14	Uniform Distribution of the Extremely Overionized Plasma Associated with the Supernova Remnant G359.1-0.5. Astrophysical Journal, 2020, 893, 147.	4.5	9
15	FUGIN: Molecular Gas in Spitzer Bubble N4â€”Possible Evidence for a Cloudâ€“Cloud Collision as a Trigger of Massive Star Formations. Astrophysical Journal, 2019, 872, 49.	4.5	17
16	X-Ray Observation of a Magnetized Hot Gas Outflow in the Galactic Center Region. Astrophysical Journal, 2019, 875, 32.	4.5	15
17	Unveiling Molecular Clouds toward Bipolar H ii Region G8.14+0.23. Astrophysical Journal, 2019, 878, 26.	4.5	13
18	Detailed CO(J = 1â€“0, 2â€“1, and 3â€“2) observations toward an Hâ€‰<scp>ii</scp> region RCWâ€‰32 in the Vela Molecular Ridge. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	16

#	Article	IF	Citations
19	High-mass star formation possibly triggered by cloudâ€“cloud collision in the Hâ€‰‹<scp>ii</scp> region RCWÂ34. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	21
20	Magnetic activity in the Galactic Centre region â€“ fast downflows along rising magnetic loops. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5629-5638.	4.4	5
21	RCWÂ36 in the Vela Molecular Ridge: Evidence for high-mass star-cluster formation triggered by cloudâ€“cloud collision. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	36
22	Detailed distributions of the CO J = (2 âˆ’ 1)/J = (1 âˆ’ 0) intensity ratios toward a large area of the central molecular zone. Proceedings of the International Astronomical Union, 2013, 9, 106-108.	0.0	0
23	Molecular and Atomic Gas toward HESS J1745âˆ’303 in the Galactic Center: Further Support for the Hadronic Scenario. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	13