

Rei Enokiya

List of Publications by Year in descending order

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Version: 2024-02-01

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	Cloud–cloud collisions and triggered star formation. Publication of the Astronomical Society of Japan, 2021, 73, S1-S34.	2.5	69
2	RCW36 in the Vela Molecular Ridge: Evidence for high-mass star-cluster formation triggered by cloud–cloud collision. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	36
3	Cloud–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
4	Massive star formation in W51 A triggered by cloud–cloud collisions. Publication of the Astronomical Society of Japan, 2021, 73, S172-S200.	2.5	24
5	High-mass star formation possibly triggered by cloud–cloud collision in the H _{ii} region RCW34. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	21
6	High-mass star formation in Orion B triggered by cloud–cloud collision: Merging molecular clouds in NGC2024. Publication of the Astronomical Society of Japan, 2021, 73, S256-S272.	2.5	20
7	ALMA CO Observations of the Mixed-morphology Supernova Remnant W49B: Efficient Production of Recombining Plasma and Hadronic Gamma Rays via Shock–Cloud Interactions. Astrophysical Journal, 2021, 919, 123.	4.5	19
8	FUGIN: Molecular Gas in Spitzer Bubble N4–Possible Evidence for a Cloud–Cloud Collision as a Trigger of Massive Star Formations. Astrophysical Journal, 2019, 872, 49.	4.5	17
9	Detailed CO(<i>J</i> = 1–0, 2–1, and 3–2) observations toward an H _{ii} region RCW32 in the Vela Molecular Ridge. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	16
10	ALMA CO observations of a giant molecular cloud in M33: Evidence for high-mass star formation triggered by cloud–cloud collisions. Publication of the Astronomical Society of Japan, 2021, 73, S62-S74.	2.5	16
11	X-Ray Observation of a Magnetized Hot Gas Outflow in the Galactic Center Region. Astrophysical Journal, 2019, 875, 32.	4.5	15
12	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
13	Molecular and Atomic Gas toward HESS J1745–303 in the Galactic Center: Further Support for the Hadronic Scenario. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	13
14	Unveiling Molecular Clouds toward Bipolar H ii Region G8.14+0.23. Astrophysical Journal, 2019, 878, 26.	4.5	13
15	CO observations toward the isolated mid-infrared bubble S44: External triggering of O-star formation by a cloud–cloud collision. Publication of the Astronomical Society of Japan, 2021, 73, S338-S354.	2.5	11
16	Uniform Distribution of the Extremely Overionized Plasma Associated with the Supernova Remnant G359.1-0.5. Astrophysical Journal, 2020, 893, 147.	4.5	9
17	Magnetic activity in the Galactic Centre region – fast downflows along rising magnetic loops. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5629-5638.	4.4	5
18	Triggered high-mass star formation in the H _{ii} region W28A2: A cloud–cloud collision scenario. Publication of the Astronomical Society of Japan, 2021, 73, S321-S337.	2.5	3

#	ARTICLE	IF	CITATIONS
19	A kinematic analysis of the CO clouds toward a reflection nebula NGC 2023 observed using the Nobeyama 45m telescope: Further evidence for a cloud-cloud collision in the Orion region. Publication of the Astronomical Society of Japan, 2021, 73, 880-893.	2.5	3
20	Massive star formation in the Carina nebula complex and Gum 31. II. A cloud-cloud collision in Gum 31. Publication of the Astronomical Society of Japan, 2021, 73, 1255-1261.	2.5	1
21	A Multiwavelength Study of the Sgr B Region: Contiguous Cloud-Cloud Collisions Triggering Widespread Star Formation Events?. Astrophysical Journal, 2022, 931, 155.	4.5	1
22	Detailed distributions of the CO $J = (2 \rightarrow 1) / J = (1 \rightarrow 0)$ 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	Discovery of a Giant Molecular Loop in the Central Region of NGC 253. Astrophysical Journal, 2022, 929, 63.	4.5	0