

# Satoshi Yoshiike

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

438  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	FOREST unbiased Galactic plane imaging survey with the Nobeyama 45m telescope (FUGIN). I. Project overview and initial results. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	124
2	Recombining Plasma and Hard X-Ray Filament in the Mixed-Morphology Supernova Remnant W 44. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	59
3	RCW 36 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
4	Large-scale CO observations of the giant molecular cloud associated with the infrared ring N35 with the Nobeyama 45m telescope. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	24
5	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
6	Discovery of Molecular and Atomic Clouds Associated with the Gamma-Ray Supernova Remnant Kesteven 79. Astrophysical Journal, 2018, 864, 161.	4.5	21
7	Molecular Clouds Associated with the Type Ia SNR N103B in the Large Magellanic Cloud. Astrophysical Journal, 2018, 867, 7.	4.5	21
8	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
9	Possible Evidence for Cosmic-Ray Acceleration in the Type Ia SNR RCW 86: Spatial Correlation between TeV Gamma-Rays and Interstellar Atomic Protons. Astrophysical Journal, 2019, 876, 37.	4.5	18
10	Deep XMM-Newton Observations Reveal the Origin of Recombining Plasma in the Supernova Remnant W44. Astrophysical Journal, 2020, 890, 62.	4.5	18
11	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
12	ALMA CO Observations of Supernova Remnant N63A in the Large Magellanic Cloud: Discovery of Dense Molecular Clouds Embedded within Shock-ionized and Photoionized Nebulae. Astrophysical Journal, 2019, 873, 40.	4.5	14
13	ALMA CO Observations of the Gamma-Ray Supernova Remnant RX J1713.7-3946: Discovery of Shocked Molecular Cloudlets and Filaments at 0.01 pc Scales. Astrophysical Journal Letters, 2020, 904, L24.	8.3	14
14	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
15	An X-ray expansion and proper motion study of the Magellanic Cloud Supernova Remnant J0509-6731 with the Chandra X-ray observatory. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1800-1806.	4.4	8
16	A Spatially Resolved Study of X-Ray Properties in Superbubble 30 Dor C with XMM-Newton. Astrophysical Journal, 2018, 864, 12.	4.5	6
17	Triggered high-mass star formation in the H <sub>2</sub> region W 28A: A cloud-cloud collision scenario. Publication of the Astronomical Society of Japan, 2021, 73, S321-S337.	2.5	3
18	Associated Molecular and Atomic Clouds with X-Ray Shell of Superbubble 30 Doradus C in the LMC. Astrophysical Journal, 2021, 918, 36.	4.5	1

#	ARTICLE	IF	CITATIONS
19	Interstellar gas toward the Magellanic supernova remnants. AIP Conference Proceedings, 2017, , .	0.4	0