

Toshio Matsumoto

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

313
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	On the origin of near-infrared extragalactic background light anisotropy. <i>Science</i> , 2014, 346, 732-735.	12.6	96
2	New Spectral Evidence of an Unaccounted Component of the Near-infrared Extragalactic Background Light from the CIBER. <i>Astrophysical Journal</i> , 2017, 839, 7.	4.5	67
3	Low-Resolution Spectrum of the Extragalactic Background Light with the AKARI InfraRed Camera. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	44
4	Low-Resolution Spectrum of the Diffuse Galactic Light and 3.3 μ m PAH Emission with the AKARI InfraRed Camera. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	25
5	IRTS Observation of the Near-Infrared Spectrum of the Zodiacal Light. <i>Publication of the Astronomical Society of Japan</i> , 1996, 48, L47-L51.	2.5	23
6	Fluctuation of the background sky in the Hubble Extremely Deep Field (XDF) and its origin. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	15
7	Low-Resolution Spectrum of the Zodiacal Light with the AKARI InfraRed Camera. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	14
8	Probing Intra-Halo Light with Galaxy Stacking in CIBER Images. <i>Astrophysical Journal</i> , 2021, 919, 69.	4.5	9
9	Large angular scale fluctuations of near-infrared extragalactic background light based on the IRTS observations. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	8
10	MIRIS Pa α Galactic Plane Survey. I. Comparison with IPHAS H α in α , “ $\sim 96^\circ \sim 116^\circ$. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 28.	7.7	4
11	On the origin of the optical and near-infrared extragalactic background light. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2020, 96, 335-350.	3.8	3
12	Polarization Spectrum of Near-Infrared Zodiacal Light Observed with CIBER. <i>Astrophysical Journal</i> , 2022, 926, 6.	4.5	3
13	LOW-RESOLUTION NEAR-INFRARED STELLAR SPECTRA OBSERVED BY THE COSMIC INFRARED BACKGROUND EXPERIMENT (CIBER). <i>Astronomical Journal</i> , 2017, 153, 84.	4.7	1
14	Pre-flight optical test and calibration for the Cosmic Infrared Background Experiment 2 (CIBER-2). , 2020, , .		1