Yoshiki Matsuoka

List of Publications by Year
in descending order

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30 papers	2,592 citations	331670 21 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2809 citing authors

#	Article	IF	Citations
1	The Hyper Suprime-Cam SSP Survey: Overview and survey design. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	566
2	Second data release of the Hyper Suprime-Cam Subaru Strategic Program. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	320
3	SUBARU HIGH-z EXPLORATION OF LOW-LUMINOSITY QUASARS (SHELLQs). I. DISCOVERY OF 15 QUASARS AND BRIGHT GALAXIES AT 5.7 < z < 6.9^{â^—} â€. Astrophysical Journal, 2016, 828, 26.	4.5	164
4	Great Optically Luminous Dropout Research Using Subaru HSC (GOLDRUSH). I. UV luminosity functions at z â^¼ 4â€“7 derived with the half-million dropouts on the 100Âdeg2 sky. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	164
5	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). V. Quasar Luminosity Function and Contribution to Cosmic Reionization at zÂ=Â6. Astrophysical Journal, 2018, 869, 150.	4.5	153
6	Discovery of the First Low-luminosity Quasar at zÂ>Â7. Astrophysical Journal Letters, 2019, 872, L2.	8.3	114
7	Large Population of ALMA Galaxies at zÂ>Â6 with Very High [O iii]Â88 Î¼m to [C ii]Â158 Î¼m Flux Ratios: Evidence of Extremely High Ionization Parameter or PDR Deficit?. Astrophysical Journal, 2020, 896, 93.	4.5	109
8	SILVERRUSH. V. Census of LyÎ±, [O iii] Î»5007, HÎ±, and [C ii] 158 Î¼m Line Emission with â^¼1000 LAEs at zÂ=Â4.9â€“7.0 Revealed with Subaru/HSC. Astrophysical Journal, 2018, 859, 84.	4.5	102
9	Subaru High-<i>z</i> Exploration of Low-Luminosity Quasars (SHELLQs). II. Discovery of 32 quasars and luminous galaxies at 5.7Â<Â<i>z</i> â‰ˆ 6.8. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	95
10	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). VI. Black Hole Mass Measurements of Six Quasars at 6.1Ââ‰ˆÂzÂâ‰ˆÂ6.7. Astrophysical Journal, 2019, 880, 77.	4.5	90
11	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). IV. Discovery of 41 Quasars and Luminous Galaxies at 5.7Ââ‰ˆÂzÂâ‰ˆÂ6.9. Astrophysical Journal, Supplement Series, 2018, 237, 5.	7.7	81
12	The quasar luminosity function at redshift 4 with the Hyper Suprime-Cam Wide Survey. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	74
13	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). X. Discovery of 35 Quasars and Luminous Galaxies at 5.7 â‰ˆÂzÂâ‰ˆÂ7.0. Astrophysical Journal, 2019, 883, 183.	4.5	74
14	GOLDRUSH. IV. Luminosity Functions and Clustering Revealed with â^¼4,000,000 Galaxies at z â^¼ 2â€“7: Galaxyâ€“AGN Transition, Star Formation Efficiency, and Implication for Evolution at z > 10. Astrophysical Journal, Supplement Series, 2022, 259, 20.	7.7	73
15	SILVERRUSH. VIII. Spectroscopic Identifications of Early Large-scale Structures with Protoclusters over 200 Mpc at zÂâ^¼Â6â€“7: Strong Associations of Dusty Star-forming Galaxies. Astrophysical Journal, 2019, 883, 142.	4.5	71
16	Minor Contribution of Quasars to Ionizing Photon Budget at zÂâ^¼Â6: Update on Quasar Luminosity Function at the Faint End with Subaru/Suprime-Cam. Astrophysical Journal Letters, 2017, 847, L15.	8.3	57
17	Subaru High-z Exploration of Low-Luminosity Quasars (SHELLQs). VIII. A less biased view of the early co-evolution of black holes and host galaxies. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	51
18	Subaru High-z Exploration of Low-Luminosity Quasars (SHELLQs). III. Star formation properties of the host galaxies at zÂŝ³ 6 studied with ALMA. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	42

#	Article	IF	Citations
19	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XIII. Large-scale Feedback and Star Formation in a Low-luminosity Quasar at z = 7.07 on the Local Black Hole to Host Mass Relation. Astrophysical Journal, 2021, 914, 36.	4.5	37
20	The Faint End of the Quasar Luminosity Function at zÂâˆ¼Â5 from the Subaru Hyper Suprime-Cam Survey. Astrophysical Journal, 2020, 904, 89.	4.5	31
21	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XVI. 69 New Quasars at 5.8 < z < 7.0. Astrophysical Journal, Supplement Series, 2022, 259, 18.	7.7	25
22	SILVERRUSH X: Machine Learning-aided Selection of 9318 LAEs at z = 2.2, 3.3, 4.9, 5.7, 6.6, and 7.0 from the HSC SSP and CHORUS Survey Data. Astrophysical Journal, 2021, 911, 78.	4.5	18
23	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XI. Proximity Zone Analysis for Faint Quasar Spectra at zÂâˆ¼Â6. Astrophysical Journal, 2020, 903, 60.	4.5	15
24	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XIV. A Candidate Type II Quasar at z = 6.1292. Astrophysical Journal, 2021, 919, 61.	4.5	14
25	SILVERRUSH. IX. LyÎ± Intensity Mapping with Star-forming Galaxies at z = 5.7 and 6.6: A Possible Detection of Extended LyÎ± Emission at â‰³100 Comoving Kiloparsecs around and beyond the Virial-radius Scale of Galaxy Dark Matter Halos. Astrophysical Journal, 2021, 916, 22.	4.5	13
26	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XII. Extended [C ii] Structure (Merger) Tj ETQq0 0 0 rgBT /Overlock 10	4.5	12
27	The Mean Absorption-line Spectra of a Selection of Luminous zÂâˆ¼Â6 Lyman Break Galaxies. Astrophysical Journal, 2020, 902, 117.	4.5	12
28	Subaru High-z Exploration of Low-Luminosity Quasars (SHELLQs). IX. Identification of two red quasars at z > 5.6. Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	10
29	Multiline Assessment of Narrow-line Regions in z â‰¼ 3 Radio Galaxies. Astrophysical Journal, 2022, 929, 51.	4.5	4
30	Detection of Extended Millimeter Emission in the Host Galaxy of 3C 273 and Its Implications for QSO Feedback via High Dynamic Range ALMA Imaging. Astrophysical Journal, 2022, 930, 3.	4.5	1