

Alvina Yee Lian On

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9326150/publications.pdf>

Version: 2024-02-01

21
papers

223
citations

1040056

9
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast radio bursts to be detected with the Square Kilometre Array. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4107-4116.	4.4	27
2	No redshift evolution of non-repeating fast radio burst rates. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3927-3945.	4.4	27
3	Luminosityâ€‘duration relations and luminosity functions of repeating and non-repeating fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2886-2904.	4.4	26
4	Energy functions of fast radio bursts derived from the first CHIME/FRB catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1961-1976.	4.4	22
5	Uncloaking hidden repeating fast radio bursts with unsupervised machine learning. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1227-1236.	4.4	17
6	Observational Signatures of Cosmic-Ray Interactions in Molecular Clouds. Astrophysical Journal, 2021, 913, 52.	4.5	15
7	Extinction-free Census of AGNs in the AKARI/IRC North Ecliptic Pole Field from 23-band infrared photometry from Space Telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4068-4081.	4.4	14
8	Revealing the cosmic reionization history with fast radio bursts in the era of Square Kilometre Array. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2346-2355.	4.4	11
9	SPMHD simulations of structure formation. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2890-2904.	4.4	10
10	High-energy neutrino fluxes from AGN populations inferred from X-ray surveys. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3649-3663.	4.4	9
11	A Dyson sphere around a black hole. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1723-1732.	4.4	8
12	ALMA Detections of [O iii] and [C ii] Emission Lines From A1689-zD1 at $z = 7.13$. Astrophysical Journal, 2022, 929, 161.	4.5	8
13	Covariant polarized radiative transfer on cosmological scales for investigating large-scale magnetic field structures. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1427-1455.	4.4	7
14	Environmental effects on AGN activity via extinction-free mid-infrared census. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3070-3088.	4.4	5
15	Subaru Medium-resolution Spectra of a QSO at $z = 6.62$: Three Reionization Tests. Astrophysical Journal, 2020, 893, 69.	4.5	5
16	Far-infrared star formation rates of six GRB host galaxies with ALMA. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4405-4419.	4.4	4
17	Upper limits on Einsteinâ€™s weak equivalence principle placed by uncertainties of dispersion measures of fast radio bursts. Physical Review D, 2021, 104, .	4.7	4
18	Constraining violations of the weak equivalence principle Using CHIME FRBs. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5636-5640.	4.4	2

#	ARTICLE	IF	CITATIONS
19	Polarized radiative transfer, rotation measure fluctuations, and large-scale magnetic fields. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1697-1713.	4.4	1
20	Investigative study on preprint journal club as an effective method of teaching latest knowledge in astronomy. Physical Review Physics Education Research, 2021, 17, .	2.9	1
21	What determines the maximum stellar surface density of galaxies?. Monthly Notices of the Royal Astronomical Society, 2020, 496, 864-869.	4.4	0