

Hai Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3276946/publications.pdf>

Version: 2024-02-01

28
papers

925
citations

516710

16
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1170
citing authors

#	ARTICLE	IF	CITATIONS
1	Hubble Parameter and Baryon Acoustic Oscillation Measurement Constraints on the Hubble Constant, the Deviation from the Spatially Flat Λ CDM Model, the Deceleration \rightarrow Acceleration Transition Redshift, and Spatial Curvature. <i>Astrophysical Journal</i> , 2018, 856, 3.	4.5	222
2	COMPREHENSIVE STUDY OF THE X-RAY FLARES FROM GAMMA-RAY BURSTS OBSERVED BY SWIFT. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 20.	7.7	77
3	NEW MODEL-INDEPENDENT METHOD TO TEST THE CURVATURE OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2016, 828, 85.	4.5	69
4	SGR-like behaviour of the repeating FRB 121102. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 023-023.	5.4	62
5	AN UNEXPECTEDLY LOW-REDSHIFT EXCESS OF <i>SWIFT</i> GAMMA-RAY BURST RATE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 13.	7.7	51
6	Measuring the cosmic proper distance from fast radio bursts. <i>Astronomy and Astrophysics</i> , 2017, 606, A3.	5.1	45
7	REVISITING STUDIES OF THE STATISTICAL PROPERTY OF A STRONG GRAVITATIONAL LENS SYSTEM AND MODEL-INDEPENDENT CONSTRAINT ON THE CURVATURE OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2017, 834, 75.	4.5	42
8	A Monte Carlo Approach to Magnetar-powered Transients. I. Hydrogen-deficient Superluminous Supernovae. <i>Astrophysical Journal</i> , 2017, 842, 26.	4.5	38
9	A New Method to Measure Hubble Parameter $H(z)$ Using Fast Radio Bursts. <i>Astrophysical Journal</i> , 2020, 895, 33.	4.5	33
10	A rapid cosmic-ray increase in BC 3372 \rightarrow 3371 from ancient buried tree rings in China. <i>Nature Communications</i> , 2017, 8, 1487.	12.8	31
11	Statistical Distributions of Optical Flares from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2017, 844, 79.	4.5	28
12	Dispersion Measures of Fast Radio Burst Host Galaxies Derived from IllustrisTNG Simulation. <i>Astrophysical Journal</i> , 2020, 900, 170.	4.5	27
13	Strong lensing as a giant telescope to localize the host galaxy of gravitational wave event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 204-209.	4.4	25
14	Evidence for Magnetar Formation in Broad-lined Type Ic Supernovae 1998bw and 2002ap. <i>Astrophysical Journal</i> , 2017, 837, 128.	4.5	24
15	ON THE INCONSISTENCY BETWEEN COSMIC STELLAR MASS DENSITY AND STAR FORMATION RATE UP TO $z \sim 8$. <i>Astrophysical Journal</i> , 2016, 820, 114.	4.5	19
16	A New Method to Test the Einstein's Weak Equivalence Principle. <i>Astrophysical Journal</i> , 2018, 860, 173.	4.5	17
17	Broad-lined type Ic supernova iPTF16asu: A challenge to all popular models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1110-1119.	4.4	17
18	THE AGE \rightarrow REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 35.	4.7	14

#	ARTICLE	IF	CITATIONS
19	Testing weak equivalence principle with strongly lensed cosmic transients. European Physical Journal C, 2018, 78, 1.	3.9	14
20	Directed Evolution of Therapeutic Antibodies Targeting Glycosylation in Cancer. Cancers, 2020, 12, 2824.	3.7	14
21	Reconciling the cosmic age problem in the Λ CDM universe. European Physical Journal C, 2014, 74, 1.	3.9	13
22	Evolutions and Calibrations of Long Gamma-Ray-burst Luminosity Correlations Revisited. Astrophysical Journal, 2017, 836, 103.	4.5	11
23	Lensing rates of gravitational wave signals displaying beat patterns detectable by DECIGO and B-DECIGO. Physical Review D, 2021, 103, .	4.7	10
24	Investigating the Effect of Cosmic Opacity on Standard Candles. Astrophysical Journal, 2017, 836, 107.	4.5	9
25	A Monte Carlo Approach to Magnetar-powered Transients. II. Broad-lined Type Ic Supernovae Not Associated with GRBs. Astrophysical Journal, 2017, 851, 54.	4.5	8
26	Gaussian processes, median statistics, Milky Way rotation curves. Astrophysics and Space Science, 2020, 365, 1.	1.4	3
27	Constraining the Environmental Properties of FRB 131104 Using the Unified Dynamical Afterglow Model. Astrophysical Journal, 2018, 861, 147.	4.5	1
28	Calibrating systematic errors in the distance determination with the luminosity–distance space large-scale structure of dark sirens and its potential applications. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3381-3386.	4.4	1