

Hai Yu

List of Publications by Year in descending order

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28
papers

925
citations

516710

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501196

28
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28
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28
times ranked

1170
citing authors

#	ARTICLE	IF	CITATIONS
1	Lensing rates of gravitational wave signals displaying beat patterns detectable by DECIGO and B-DECIGO. <i>Physical Review D</i> , 2021, 103, .	4.7	10
2	Calibrating systematic errors in the distance determination with the luminosityâ€“distance space large-scale structure of dark sirens and its potential applications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3381-3386.	4.4	1
3	Directed Evolution of Therapeutic Antibodies Targeting Glycosylation in Cancer. <i>Cancers</i> , 2020, 12, 2824.	3.7	14
4	Gaussian processes, median statistics, Milky Way rotation curves. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	3
5	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
6	A New Method to Measure Hubble Parameter $H(z)$ Using Fast Radio Bursts. <i>Astrophysical Journal</i> , 2020, 895, 33.	4.5	33
7	Dispersion Measures of Fast Radio Burst Host Galaxies Derived from IllustrisTNG Simulation. <i>Astrophysical Journal</i> , 2020, 900, 170.	4.5	27
8	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
9	Hubble Parameter and Baryon Acoustic Oscillation Measurement Constraints on the Hubble Constant, the Deviation from the Spatially Flat Λ CDM Model, the Decelerationâ€“Acceleration Transition Redshift, and Spatial Curvature. <i>Astrophysical Journal</i> , 2018, 856, 3.	4.5	222
10	Testing weak equivalence principle with strongly lensed cosmic transients. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	14
11	Constraining the Environmental Properties of FRB 131104 Using the Unified Dynamical Afterglow Model. <i>Astrophysical Journal</i> , 2018, 861, 147.	4.5	1
12	A New Method to Test the Einsteinâ€™s Weak Equivalence Principle. <i>Astrophysical Journal</i> , 2018, 860, 173.	4.5	17
13	Evidence for Magnetar Formation in Broad-lined Type Ic Supernovae 1998bw and 2002ap. <i>Astrophysical Journal</i> , 2017, 837, 128.	4.5	24
14	Evolutions and Calibrations of Long Gamma-Ray-burst Luminosity Correlations Revisited. <i>Astrophysical Journal</i> , 2017, 836, 103.	4.5	11
15	A Monte Carlo Approach to Magnetar-powered Transients. I. Hydrogen-deficient Superluminous Supernovae. <i>Astrophysical Journal</i> , 2017, 842, 26.	4.5	38
16	SGR-like behaviour of the repeating FRB 121102. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 023-023.	5.4	62
17	Measuring the cosmic proper distance from fast radio bursts. <i>Astronomy and Astrophysics</i> , 2017, 606, A3.	5.1	45
18	Statistical Distributions of Optical Flares from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2017, 844, 79.	4.5	28

#	ARTICLE	IF	CITATIONS
19	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
20	A rapid cosmic-ray increase in BC 3372â€“3371 from ancient buried tree rings in China. <i>Nature Communications</i> , 2017, 8, 1487.	12.8	31
21	Investigating the Effect of Cosmic Opacity on Standard Candles. <i>Astrophysical Journal</i> , 2017, 836, 107.	4.5	9
22	A Monte Carlo Approach to Magnetar-powered Transients. II. Broad-lined Type Ic Supernovae Not Associated with GRBs. <i>Astrophysical Journal</i> , 2017, 851, 54.	4.5	8
23	ON THE INCONSISTENCY BETWEEN COSMIC STELLAR MASS DENSITY AND STAR FORMATION RATE UP TO $z \approx 1/4$. <i>Astrophysical Journal</i> , 2016, 820, 114.	4.5	19
24	NEW MODEL-INDEPENDENT METHOD TO TEST THE CURVATURE OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2016, 828, 85.	4.5	69
25	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
26	THE AGEâ€“REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 35.	4.7	14
27	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
28	Reconciling the cosmic age problem in the $R_{\text{h}} = ct$ universe. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	13