

Enci Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

573
citations

623734

14
h-index

713466

21
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all docs

22
docs citations

22
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas-phase Metallicity as a Diagnostic of the Drivers of Star Formation on Different Spatial Scales. <i>Astrophysical Journal</i> , 2021, 910, 137.	4.5	15
2	SDSS-IV MaNGA: the indispensable role of bars in enhancing the central star formation of low- <i>z</i> galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1406-1423.	4.4	21
3	The Variability of the Star Formation Rate in Galaxies. I. Star Formation Histories Traced by EW(HI±) and EW(HI_A). <i>Astrophysical Journal</i> , 2020, 892, 87.	4.5	27
4	The Variability of Star Formation Rate in Galaxies. II. Power Spectrum Distribution on the Main Sequence. <i>Astrophysical Journal</i> , 2020, 895, 25.	4.5	13
5	The Dearth of Differences between Central and Satellite Galaxies. III. Environmental Dependencies of Mass-Size and Mass-Structure Relations. <i>Astrophysical Journal</i> , 2020, 889, 37.	4.5	10
6	Characteristic Mass in Galaxy Quenching: Environmental versus Internal Effects. <i>Astrophysical Journal</i> , 2020, 902, 75.	4.5	11
7	On the Elevation and Suppression of Star Formation within Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 132.	4.5	35
8	Elevation or Suppression? The Resolved Star Formation Main Sequence of Galaxies with Two Different Assembly Modes. <i>Astrophysical Journal</i> , 2018, 857, 17.	4.5	20
9	M101: Spectral Observations of H II Regions and Their Physical Properties. <i>Astrophysical Journal</i> , 2018, 854, 68.	4.5	13
10	ELUCID. IV. Galaxy Quenching and its Relation to Halo Mass, Environment, and Assembly Bias. <i>Astrophysical Journal</i> , 2018, 852, 31.	4.5	52
11	The Dearth of Difference between Central and Satellite Galaxies. I. Perspectives on Star Formation Quenching and AGN Activities. <i>Astrophysical Journal</i> , 2018, 860, 102.	4.5	30
12	The Dearth of Differences between Central and Satellite Galaxies. II. Comparison of Observations with L-GALAXIES and EAGLE in Star Formation Quenching. <i>Astrophysical Journal</i> , 2018, 864, 51.	4.5	13
13	What Determines the Local Metallicity of Galaxies: Global Stellar Mass, Local Stellar Mass Surface Density, or Star Formation Rate?. <i>Astrophysical Journal</i> , 2018, 868, 89.	4.5	17
14	Connecting Compact Star-forming and Extended Star-forming Galaxies at Low Redshift: Implications for Galaxy Compaction and Quenching. <i>Astrophysical Journal</i> , 2018, 865, 49.	4.5	22
15	SDSS-IV MaNGA: Star Formation Cessation in Low-redshift Galaxies. I. Dependence on Stellar Mass and Structural Properties. <i>Astrophysical Journal</i> , 2018, 856, 137.	4.5	37
16	Bar-induced Central Star Formation as Revealed by Integral Field Spectroscopy from CALIFA. <i>Astrophysical Journal</i> , 2017, 838, 105.	4.5	40
17	The Properties of the Massive Star-forming Galaxies with an Outside-in Assembly Mode. <i>Astrophysical Journal</i> , 2017, 844, 144.	4.5	12
18	The Peculiar Filamentary H I Structure of NGC 6145. <i>Astronomical Journal</i> , 2017, 154, 70.	4.7	0

#	ARTICLE	IF	CITATIONS
19	H α scaling relations of galaxies in the environment of H α -rich and control galaxies observed by the Bluedisk project. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2010-2023.	4.4	15
20	P-MaNGA: GRADIENTS IN RECENT STAR FORMATION HISTORIES AS DIAGNOSTICS FOR GALAXY GROWTH AND DEATH. Astrophysical Journal, 2015, 804, 125.	4.5	65
21	THE ENVIRONMENT OF BARRED GALAXIES IN THE LOW-REDSHIFT UNIVERSE. Astrophysical Journal, 2014, 796, 98.	4.5	24
22	The Bluedisks project, a study of unusually H α -rich galaxies â€“ I. H α sizes and morphology. Monthly Notices of the Royal Astronomical Society, 2013, 433, 270-294.	4.4	81