

# 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  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1061  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Bluedisks project, a study of unusually H $\alpha$ -rich galaxies – I. H $\alpha$ sizes and morphology. Monthly Notices of the Royal Astronomical Society, 2013, 433, 270-294.	4.4	81
2	P-MaNGA: GRADIENTS IN RECENT STAR FORMATION HISTORIES AS DIAGNOSTICS FOR GALAXY GROWTH AND DEATH. Astrophysical Journal, 2015, 804, 125.	4.5	65
3	ELUCID. IV. Galaxy Quenching and its Relation to Halo Mass, Environment, and Assembly Bias. Astrophysical Journal, 2018, 852, 31.	4.5	52
4	Bar-induced Central Star Formation as Revealed by Integral Field Spectroscopy from CALIFA. Astrophysical Journal, 2017, 838, 105.	4.5	40
5	SDSS-IV MaNGA: Star Formation Cessation in Low-redshift Galaxies. I. Dependence on Stellar Mass and Structural Properties. Astrophysical Journal, 2018, 856, 137.	4.5	37
6	On the Elevation and Suppression of Star Formation within Galaxies. Astrophysical Journal, 2019, 877, 132.	4.5	35
7	The Dearth of Difference between Central and Satellite Galaxies. I. Perspectives on Star Formation Quenching and AGN Activities. Astrophysical Journal, 2018, 860, 102.	4.5	30
8	The Variability of the Star Formation Rate in Galaxies. I. Star Formation Histories Traced by EW(H $\beta$ ) and EW(H $\delta$ ). Astrophysical Journal, 2020, 892, 87.	4.5	27
9	THE ENVIRONMENT OF BARRED GALAXIES IN THE LOW-REDSHIFT UNIVERSE. Astrophysical Journal, 2014, 796, 98.	4.5	24
10	Connecting Compact Star-forming and Extended Star-forming Galaxies at Low Redshift: Implications for Galaxy Compaction and Quenching. Astrophysical Journal, 2018, 865, 49.	4.5	22
11	SDSS-IV MaNGA: the indispensable role of bars in enhancing the central star formation of low-z galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1406-1423.	4.4	21
12	Elevation or Suppression? The Resolved Star Formation Main Sequence of Galaxies with Two Different Assembly Modes. Astrophysical Journal, 2018, 857, 17.	4.5	20
13	What Determines the Local Metallicity of Galaxies: Global Stellar Mass, Local Stellar Mass Surface Density, or Star Formation Rate?. Astrophysical Journal, 2018, 868, 89.	4.5	17
14	H $\alpha$ scaling relations of galaxies in the environment of H $\alpha$ -rich and control galaxies observed by the Bluedisk project. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2010-2023.	4.4	15
15	Gas-phase Metallicity as a Diagnostic of the Drivers of Star Formation on Different Spatial Scales. Astrophysical Journal, 2021, 910, 137.	4.5	15
16	M101: Spectral Observations of H II Regions and Their Physical Properties. Astrophysical Journal, 2018, 854, 68.	4.5	13
17	The Dearth of Differences between Central and Satellite Galaxies. II. Comparison of Observations with L-GALAXIES and EAGLE in Star Formation Quenching. Astrophysical Journal, 2018, 864, 51.	4.5	13
18	The Variability of Star Formation Rate in Galaxies. II. Power Spectrum Distribution on the Main Sequence. Astrophysical Journal, 2020, 895, 25.	4.5	13

#	ARTICLE	IF	CITATIONS
19	The Properties of the Massive Star-forming Galaxies with an Outside-in Assembly Mode. <i>Astrophysical Journal</i> , 2017, 844, 144.	4.5	12
20	Characteristic Mass in Galaxy Quenching: Environmental versus Internal Effects. <i>Astrophysical Journal</i> , 2020, 902, 75.	4.5	11
21	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
22	The Peculiar Filamentary H I Structure of NGC 6145. <i>Astronomical Journal</i> , 2017, 154, 70.	4.7	0