

Zhicheng He

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

306
citations

933447

10
h-index

888059

17
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22
all docs

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docs citations

22
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation of Ionizing Continuum: The Main Driver of Broad Absorption Line Variability. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 22.	7.7	41
2	Understanding Broad Mg ii Variability in Quasars with Photoionization: Implications for Reverberation Mapping and Changing-look Quasars. <i>Astrophysical Journal</i> , 2020, 888, 58.	4.5	35
3	Corona-heated Accretion-disk Reprocessing: A Physical Model to Decipher the Melody of AGN UV/Optical Twinkling. <i>Astrophysical Journal</i> , 2020, 891, 178.	4.5	30
4	The properties of broad absorption line outflows based on a large sample of quasars. <i>Nature Astronomy</i> , 2019, 3, 265-271.	10.1	29
5	Discovery of an Mg ii Changing-look Active Galactic Nucleus and Its Implications for a Unification Sequence of Changing-look Active Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2019, 883, L44.	8.3	26
6	Evidence for the connection between star formation rate and the evolutionary phases of quasars. <i>Nature Astronomy</i> , 2022, 6, 339-343.	10.1	25
7	Variability of QSOs with variable regions in broad absorption troughs from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3962-3976.	4.4	16
8	High-redshift Extreme Variability Quasars from Sloan Digital Sky Survey Multiepoch Spectroscopy. <i>Astrophysical Journal</i> , 2020, 905, 52.	4.5	15
9	Effect of richness on AGN and star formation activities in SDSS galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3806-3817.	4.4	14
10	Evidence for quasar fast outflows being accelerated at the scale of tens of parsecs. <i>Science Advances</i> , 2022, 8, eabk3291.	10.3	14
11	Variability of broad absorption lines in QSO SDSS J022844.09+000217.0 on multiyear time-scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2532-2540.	4.4	9
12	Morphology of AGN emission-line regions in SDSS-IV MaNGA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3614-3626.	4.4	9
13	Modeling Quasar UV/Optical Variability with the Corona-heated Accretion-disk Reprocessing (CHAR) Model. <i>Astrophysical Journal</i> , 2020, 902, 7.	4.5	9
14	An Extraordinary Response of Iron Emission to the Central Outburst in a Tidal Disruption Event Candidate. <i>Astrophysical Journal Letters</i> , 2021, 907, L29.	8.3	6
15	Years-delayed X-Ray Afterglows of TDEs Originated from Wind-Torus Interactions. <i>Astrophysical Journal</i> , 2021, 908, 197.	4.5	6
16	Spectral principal component analysis of mid-infrared spectra of a sample of PG QSOs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4081-4088.	4.4	5
17	The Deviation of the Size of the Broad-line Region between Reverberation Mapping and Spectroastrometry. <i>Astrophysical Journal</i> , 2021, 914, 143.	4.5	4
18	A Quasar Shedding Its Dust Cocoon at Redshift 2. <i>Astrophysical Journal</i> , 2022, 930, 5.	4.5	4

#	ARTICLE	IF	CITATIONS
19	On the origin of the dramatic spectral variability of WPVS 007. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4592-4602.	4.4	3
20	A Sharp Rise in the Detection Rate of Broad Absorption Line Variations in a Quasar SDSS J141955.26+522741.1. Astrophysical Journal Letters, 2021, 906, L8.	8.3	3
21	Density Profile of the Ambient Circumnuclear Medium in Seyfert 1 Galaxies. Astrophysical Journal, 2022, 928, 7.	4.5	2
22	Leaked Ly α Emission: An Indicator of the Size of Quasar Absorption Outflows. Astrophysical Journal, 2017, 839, 77.	4.5	1