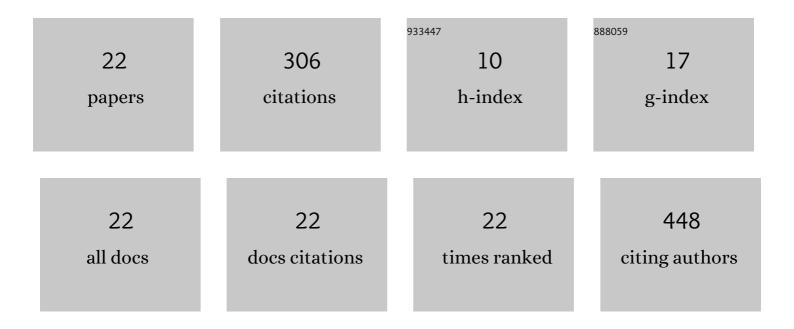
Zhicheng He

List of Publications by Year in descending order

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THICHENC HE

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

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#	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 Lyα Emission: An Indicator of the Size of Quasar Absorption Outflows. Astrophysical Journal, 2017, 839, 77.	4.5	1