

Mou-Yuan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,297
citations

331670

21
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

2338
citing authors

#	ARTICLE	IF	CITATIONS
1	The Disk Veiling Effect of the Black Hole Low-mass X-Ray Binary A0620-00*. <i>Astrophysical Journal</i> , 2022, 925, 83.	4.5	0
2	Evidence for quasar fast outflows being accelerated at the scale of tens of parsecs. <i>Science Advances</i> , 2022, 8, eabk3291.	10.3	14
3	The Sloan Digital Sky Survey Reverberation Mapping Project: UV λ €“Optical Accretion Disk Measurements with the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2022, 926, 225.	4.5	5
4	Thermal Equilibrium Solutions of Black Hole Accretion Flows: Outflows versus Advection. <i>Astrophysical Journal</i> , 2022, 930, 108.	4.5	5
5	A Long-period Pre-ELM System Discovered from the LAMOST Medium-resolution Survey. <i>Astrophysical Journal</i> , 2022, 933, 193.	4.5	6
6	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
7	Final Compact Remnants in Core-collapse Supernovae from 20 to 40 M $\langle \text{sub} \rangle \hat{\text{S}}^{\text{TM}} \langle / \text{sub} \rangle$: The Lower Mass Gap. <i>Astrophysical Journal</i> , 2021, 908, 106.	4.5	20
8	Faint Active Galactic Nuclei Favor Unexpectedly Long Inter-band Time Lags. <i>Astrophysical Journal Letters</i> , 2021, 912, L29.	8.3	12
9	The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 21.	7.7	16
10	Neutrino-dominated Accretion Flows: A Second Nucleosynthesis Factory in Core-collapse Supernovae and Regulating the Iron Markets in Galaxies. <i>Astrophysical Journal</i> , 2021, 920, 5.	4.5	4
11	Reconciling the 16.35-day Period of FRB 20180916B with Jet Precession. <i>Astrophysical Journal</i> , 2021, 921, 147.	4.5	4
12	Synchronized Coevolution between Supermassive Black Holes and Galaxies over the Last Seven Billion Years as Revealed by Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2021, 922, 142.	4.5	17
13	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
14	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
15	EUCLIA. II. On the Puzzling Large UV to X-Ray Lags in Seyfert Galaxies. <i>Astrophysical Journal</i> , 2020, 892, 63.	4.5	16
16	AGNs Are Not That Cool: Revisiting the Intrinsic AGN Far-infrared Spectral Energy Distribution. <i>Astrophysical Journal</i> , 2020, 894, 21.	4.5	10
17	Modeling Quasar UV/Optical Variability with the Corona-heated Accretion-disk Reprocessing (CHAR) Model. <i>Astrophysical Journal</i> , 2020, 902, 7.	4.5	9
18	Piercing through Highly Obscured and Compton-thick AGNs in the Chandra Deep Fields. II. Are Highly Obscured AGNs the Missing Link in the Merger-triggered AGN $\hat{\text{€}}$ Galaxy Coevolution Models?. <i>Astrophysical Journal</i> , 2020, 903, 49.	4.5	11

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19	High-redshift Extreme Variability Quasars from Sloan Digital Sky Survey Multiepoch Spectroscopy. <i>Astrophysical Journal</i> , 2020, 905, 52.	4.5	15
20	X-ray absorption and 9.7 μ m silicate feature as a probe of AGN torus structure. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 147.	1.7	4
21	The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion Disk Sizes from Continuum Lags. <i>Astrophysical Journal</i> , 2019, 880, 126.	4.5	40
22	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
23	On the origin of the dramatic spectral variability of WPVS 007. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4592-4602.	4.4	3
24	Piercing through Highly Obscured and Compton-thick AGNs in the Chandra Deep Fields. I. X-Ray Spectral and Long-term Variability Analyses. <i>Astrophysical Journal</i> , 2019, 877, 5.	4.5	23
25	Thick-disc model to explain the spectral state transition in NGC 247. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2558-2561.	4.4	5
26	Winds can "blow up" AGN accretion disc sizes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2788-2794.	4.4	22
27	Mining for Candidates of Galactic Stellar-mass Black Hole Binaries with LAMOST. <i>Astrophysical Journal</i> , 2019, 886, 97.	4.5	24
28	The Sloan Digital Sky Survey Reverberation Mapping Project: The C iv Blueshift, Its Variability, and Its Dependence Upon Quasar Properties. <i>Astrophysical Journal</i> , 2018, 854, 128.	4.5	33
29	Evolution of Quasar Stochastic Variability along Its Main Sequence. <i>Astrophysical Journal</i> , 2018, 866, 74.	4.5	17
30	A Falling Corona Model for the Anomalous Behavior of the Broad Emission Lines in NGC 5548. <i>Astrophysical Journal</i> , 2018, 857, 86.	4.5	17
31	EUCLIA "Exploring the UV/Optical Continuum Lag in Active Galactic Nuclei. I. A Model without Light Echoing. <i>Astrophysical Journal</i> , 2018, 855, 117.	4.5	28
32	On the UV/Optical Variation in NGC 5548: New Evidence Against the Reprocessing Diagram. <i>Astrophysical Journal</i> , 2018, 860, 29.	4.5	14
33	How Far Is Quasar UV/Optical Variability from a Damped Random Walk at Low Frequency?. <i>Astrophysical Journal</i> , 2017, 847, 132.	4.5	32
34	Relation between the Variations in the Mg II λ 2798 Emission Line and 3000 \AA ... Continuum. <i>Astrophysical Journal</i> , 2017, 843, 30.	4.5	13
35	The Sloan Digital Sky Survey Reverberation Mapping Project: H β and H γ Reverberation Measurements from First-year Spectroscopy and Photometry. <i>Astrophysical Journal</i> , 2017, 851, 21.	4.5	168
36	On the origin of the HLX-1 outbursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L99-L102.	3.3	7

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37	THE UNIVERSAL "HEARTBEAT" OSCILLATIONS IN BLACK HOLE SYSTEMS ACROSS THE MASS-SCALE. <i>Astrophysical Journal</i> , 2016, 833, 79.	4.5	22
38	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: FIRST BROAD-LINE H β AND Mg II LAGS AT $z \approx 0.3$ FROM SIX-MONTH SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 818, 30.	4.5	116
39	THICK ACCRETION DISK MODEL FOR ULTRALUMINOUS SUPERSOFT SOURCES. <i>Astrophysical Journal Letters</i> , 2016, 818, L4.	8.3	16
40	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: ENSEMBLE SPECTROSCOPIC VARIABILITY OF QUASAR BROAD EMISSION LINES. <i>Astrophysical Journal</i> , 2015, 811, 42.	4.5	45
41	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: POST-STARBURST SIGNATURES IN QUASAR HOST GALAXIES AT $z < 1$. <i>Astrophysical Journal</i> , 2015, 811, 91.	4.5	36
42	THE BIASES OF OPTICAL LINE-RATIO SELECTION FOR ACTIVE GALACTIC NUCLEI AND THE INTRINSIC RELATIONSHIP BETWEEN BLACK HOLE ACCRETION AND GALAXY STAR FORMATION. <i>Astrophysical Journal</i> , 2015, 811, 26.	4.5	111
43	THE ACCRETION WIND MODEL OF <i>FERMI</i> BUBBLES. II. RADIATION. <i>Astrophysical Journal</i> , 2015, 811, 37.	4.5	30
44	EVOLUTION IN THE BLACK HOLE "GALAXY SCALING RELATIONS AND THE DUTY CYCLE OF NUCLEAR ACTIVITY IN STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 802, 14.	4.5	63
45	TIME EVOLUTION OF FLARES IN GRB 130925A: JET PRECESSION IN A BLACK HOLE ACCRETION SYSTEM. <i>Astrophysical Journal Letters</i> , 2014, 781, L19.	8.3	28
46	<i>FERMI</i> BUBBLES INFLATED BY WINDS LAUNCHED FROM THE HOT ACCRETION FLOW IN SGR A*. <i>Astrophysical Journal</i> , 2014, 790, 109.	4.5	73
47	UNDERSTANDING SIMULATIONS OF THIN ACCRETION DISKS BY ENERGY EQUATION. <i>Astrophysical Journal</i> , 2012, 761, 29.	4.5	7
48	GRAVITATIONAL WAVES OF JET PRECESSION IN GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2012, 752, 31.	4.5	37