

Menglei Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

475
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for astrophysical rotating Ellis wormholes with x-ray reflection spectroscopy. Physical Review D, 2016, 94, .	4.7	75
2	Iron $K\alpha$ line of Kerr black holes with scalar hair. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 049-049.	5.4	69
3	Testing conformal gravity with the supermassive black hole in 1H0707-495. Physical Review D, 2018, 98, .	4.7	44
4	Testing the Kerr Black Hole Hypothesis Using X-Ray Reflection Spectroscopy and a Thin Disk Model with Finite Thickness. Astrophysical Journal, 2020, 899, 80.	4.5	40
5	Testing the Kerr Black Hole Hypothesis with GX 339 α 4 by a Combined Analysis of Its Thermal Spectrum and Reflection Features. Astrophysical Journal, 2021, 907, 31.	4.5	29
6	Testing General Relativity with NuSTAR Data of Galactic Black Holes. Astrophysical Journal, 2021, 913, 79.	4.5	28
7	Testing Einstein-dilaton-Gauss-Bonnet gravity with the reflection spectrum of accreting black holes. Physical Review D, 2017, 95, .	4.7	26
8	Testing General Relativity with the Stellar-mass Black Hole in LMC X-1 Using the Continuum-fitting Method. Astrophysical Journal, 2020, 897, 84.	4.5	22
9	XSPEC model for testing the Kerr black hole hypothesis using the continuum-fitting method. Physical Review D, 2019, 99, .	4.7	18
10	X-ray reflection spectroscopy with Kaluza-Klein black holes. European Physical Journal C, 2020, 80, 1.	3.9	18
11	Modeling uncertainties in x-ray reflection spectroscopy measurements. II. Impact of the radiation from the plunging region. Physical Review D, 2020, 101, .	4.7	15
12	Modeling uncertainties in X-ray reflection spectroscopy measurements I: Impact of higher order disk images. Physical Review D, 2020, 101, .	4.7	14
13	Singularity-free black holes in conformal gravity: New observational constraints. Europhysics Letters, 2019, 125, 30002.	2.0	13
14	Testing the Kerr Black Hole Hypothesis with GRS 1716-249 by Combining the Continuum Fitting and the Iron-line Methods. Astrophysical Journal, 2022, 924, 72.	4.5	13
15	Testing the Kerr black hole hypothesis with the continuum-fitting and the iron line methods: the case of GRS 1915+105. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 019.	5.4	11
16	Iron line spectroscopy of black holes in asymptotically safe gravity. European Physical Journal C, 2018, 78, 1.	3.9	10
17	Iron $K\alpha$ line of Kerr black holes with Proca hair. Physical Review D, 2017, 95, .	4.7	9
18	Thermal spectra of thin accretion discs of finite thickness around Kerr black holes. Monthly Notices of the Royal Astronomical Society, 2020, 496, 497-503.	4.4	9

#	ARTICLE	IF	CITATIONS
19	Relativistic reflection spectra of super-spinning black holes. European Physical Journal C, 2020, 80, 1.	3.9	7
20	Probing the near-horizon region of Cygnus X-1 with $S_u z a b$ and $N_u S T A$ Physical Review D, 2021, 103, .	4.7	5