

Y-H Zhang

List of Publications by Year in descending order

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97
papers

1,362
citations

430874

18
h-index

395702

33
g-index

97
all docs

97
docs citations

97
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Zeeman splitting effect in a laser-driven coil. <i>Matter and Radiation at Extremes</i> , 2022, 7, .	3.9	2
2	The 2018 failed outburst of H 1743 â€“ 322: <i>Insight-HXMT, NuSTAR</i>, and <i>NICER</i> views. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4541-4555.	4.4	8
3	An angular-resolved scattered-light diagnostic for laser-plasma instability studies. <i>Review of Scientific Instruments</i> , 2022, 93, 053505.	1.3	3
4	Demonstration of enhanced direct-drive implosion efficiency using gradient pulses. <i>Physical Review E</i> , 2022, 105, .	2.1	1
5	<p> New <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>I</mml:mi></mml:math> -Emitting isotope <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>214</mml:mn></mml:mrow></mml:math> </p>	7.8	47
6	Physical origin of the non-physical spin evolution of MAXI J1820Â+Â070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	4.4	18
7	Search for gamma-ray bursts and gravitational wave electromagnetic counterparts with High Energy X-ray Telescope of <i>Insight</i>-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3910-3920.	4.4	9
8	Systematic trends of neutron skin thickness versus relative neutron excess. <i>Physical Review C</i> , 2021, 104, .	2.9	7
9	X-ray reprocessing in accreting pulsar GX 301-2 observed with Insight-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2522-2530.	4.4	4
10	<p> Direct Measurement of the Astrophysical <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>F</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>19</mml:mn></mml:mrow></mml:math> </p>		

#	ARTICLE	IF	CITATIONS
19	Measurement of Ni58(p,p)Ni58 elastic scattering at low momentum transfer by using the HIRFL-CSR heavy-ion storage ring. Physical Review C, 2019, 100, .	2.9	16
20	Beyond Wigner's isobaric multiplet mass equation: Effect of charge-symmetry-breaking interaction and Coulomb polarization. Physical Review C, 2019, 99, .	2.9	8
21	Effects of internal target structures on laser-driven neutron production. Nuclear Fusion, 2019, 59, 076032.	3.5	1
22	Isomer yield ratios in Re184 from the Be9+Ta181 reaction. Physical Review C, 2019, 99, .	2.9	6
23	Study of backward terahertz radiation from intense picosecond laser-solid interactions using a multichannel calorimeter system. High Power Laser Science and Engineering, 2019, 7, .	4.6	8
24	Multimillijoule coherent terahertz bursts from picosecond laser-irradiated metal foils. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3994-3999.	7.1	87
25	Experimental evidence of crystal symmetry protection for the topological nodal line semimetal state in ZrSiS. Physical Review B, 2019, 100, .	3.2	19
26	Denosing scheme based on singular-value decomposition for one-dimensional spectra and its application in precision storage-ring mass spectrometry. Physical Review E, 2019, 99, 063320.	2.1	5
27	Generalized isobaric multiplet mass equation and its application to the Nolen-Schiffer anomaly. Physical Review C, 2018, 97, .	2.9	11
28	New local mass relation for isobaric analogue states and isospin-nonconserving forces. Physical Review C, 2018, 97, .	2.9	3
29	Field-Driven Quantum Criticality in the Spinel Magnet $ZnCr_2O_4$. Physical Review Letters, 2018, 120, 147204.	7.8	14
30	First application of combined isochronous and Schottky mass spectrometry: Half-lives of fully ionized Cr24+49 and Fe26+53 atoms. Physical Review C, 2018, 97, .	2.9	12
31	An angular-resolved multi-channel Thomson parabola spectrometer for laser-driven ion measurement. Review of Scientific Instruments, 2018, 89, 093302.	1.3	7
32	Ultrafast pulsed magnetic fields generated by a femtosecond laser. Applied Physics Letters, 2018, 113, .	3.3	9
33	Cherenkov radiation-based optical fibre diagnostics of fast electrons generated in intense laser-plasma interactions. Review of Scientific Instruments, 2018, 89, 083302.	1.3	12
34	Thermonuclear Cr^{46} β decay rate in type-I x-ray bursts.		
35	Statistical approaches to lifetime measurements with restricted observation times. Physical Review C, 2017, 96, .	2.9	4
36	One-neutron stripping from Be^{10} β decay rate in type-I x-ray bursts.		

#	ARTICLE	IF	CITATIONS
55	Level structure in the transitional nucleus ^{195}Au . Physical Review C, 2012, 85, .	2.9	10
56	Rotational band properties of ^{173}W . Physical Review C, 2012, 86, .	2.9	5
57	High-spin states in ^{127}I . Physical Review C, 2012, 85, .	2.9	17
58	High-spin level scheme of doubly odd ^{128}I . Physical Review C, 2012, 86, .	2.9	6
59	Investigation of the $^{14}\text{O}(\hat{1}\pm, p)^{17}\text{F}$ stellar reaction via resonant elastic scattering of $^{17}\text{F}+p$. , 2012, , .		0
60	Nonaxial shapes in the odd-odd ^{194}Au nucleus. Physical Review C, 2012, 86, .	2.9	6
61	Mass Measurements of the Neutron-Deficient ^{41}Ti . Physical Review C, 2012, 85, .	7.8	94
62	Predictions of unknown masses and their applications. Physical Review C, 2012, 85, .	2.9	52
63	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
64	Study of proton resonances in ^{18}Ne via resonant elastic scattering of $^{17}\text{F} + p$ and its astrophysical implication in the stellar reaction of $^{14}\text{O}(\hat{1}\pm, p)^{17}\text{F}$. European Physical Journal A, 2011, 47, 1.	2.5	8
65	High-j proton alignments in ^{101}Pd . European Physical Journal A, 2011, 47, 1.	2.5	4
66	Mass Measurements of Proton-rich Nuclides at the Cooler Storage Ring at IMP. , 2011, , .		4
67	Identification of high-spin states in the stable nucleus ^{195}Pt . Physical Review C, 2011, 84, .	2.9	7
68	In-beam β^3 spectroscopy of the odd-Z nucleus ^{139}Pm . Physical Review C, 2011, 84, .	2.9	9
69	Properties of the rotational bands in ^{161}Er . Physical Review C, 2011, 83, .	2.9	10
70	Rotational band properties in ^{165}Er . Physical Review C, 2011, 84, .	2.9	9
71	Properties of the $\frac{11}{2}$ band in the stable nucleus ^{193}Ir . Physical Review C, 2011, 83, .	2.9	7
72	High-spin states in ^{188}Au : Further evidence for nonaxial shape. Physical Review C, 2010, 82, .	2.9	7

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73	Experimental study of the I^2 -delayed proton decays of ^{145}Er .	2.9	3
74	STATUS AND PROSPECTS OF HIRFL EXPERIMENTS ON NUCLEAR PHYSICS. International Journal of Modern Physics E, 2010, 19, 1802-1814.	1.0	2
75	Nuclear physics program at HIRFL. , 2010, , .		1
76	Band properties of the transitional nucleus ^{189}Pt . , 2010, , .		0
77	High-spin level structure in ^{145}Mo . Physical Review C, 2009, 79, .	2.9	17
78	Nuclear Structure far from stability at the $N=50$ Shell Closure. AIP Conference Proceedings, 2008, , .	0.4	3
79	Band properties of the transitional nucleus ^{187}Pt . Physical Review C, 2007, 75, .	2.9	18
80	Observation of a $h_{9/2}^{-} - i_{13/2}^{-}$ oblate band in ^{188}Tl . European Physical Journal A, 2006, 28, 271-275.	2.5	4
81	SEARCH FOR SIGNATURE INVERSION IN THE $i_{13/2}^{-} - i_{7/2}^{-}$ BANDS IN $^{182,184,186}\text{Au}$. International Journal of Modern Physics E, 2006, 15, 1437-1445.	1.0	11
82	LIFETIME MEASUREMENTS IN ^{134}Pr AND CHIRALITY IN NUCLEI. International Journal of Modern Physics E, 2006, 15, 1531-1540.	1.0	1
83	Check for chirality in real nuclei. European Physical Journal A, 2005, 25, 447-448.	2.5	0
84	Low-spin signature inversion in the $h_{9/2}^{-} - i_{13/2}^{-}$ oblate band of ^{190}Tl . Physical Review C, 2005, 72, .	2.9	11
85	High-spin level scheme of ^{183}Au . Physical Review C, 2005, 71, .	2.9	13
86	Properties of the $i_{13/2}^{-} - i_{7/2}^{-}$ band in odd-odd ^{184}Au . Physical Review C, 2004, 70, .	2.9	6
87	Observation of the $h_{11/2}^{-} - i_{13/2}^{-}$ band in odd-odd ^{170}Re . Physical Review C, 2004, 70, .	2.9	8
88	High-spin level scheme and decay of the $67\text{-}i_{7/2}^{-}$ isomer in ^{142}Pm . Physical Review C, 2004, 70, .	2.9	5
89	Configuration-dependent bands in ^{169}Re . European Physical Journal A, 2004, 19, 11-23.	2.5	13
90	Level structure of ^{146}Tb . European Physical Journal A, 2004, 19, 7-9.	2.5	7

#	ARTICLE	IF	CITATIONS
91	Rotational bands and signature inversion in odd-odd Re172. <i>Physical Review C</i> , 2003, 68, .	2.9	28
92	A position-sensitive particle detector for Coulomb excitation experiment. <i>Review of Scientific Instruments</i> , 2002, 73, 47-50.	1.3	6
93	Configuration-dependent band structures in odd-odd 180Ir. <i>Physical Review C</i> , 2001, 65, .	2.9	16
94	Observation of signature inversion in odd-odd 178Ir. <i>European Physical Journal A</i> , 2000, 8, 439-442.	2.5	6
95	First observation of yrast band in odd-odd 162Lu. <i>Zeitschrift für Physik A</i> , 1996, 355, 335-336.	0.9	0
96	First observation of yrast band in odd-odd 162Lu. <i>Zeitschrift für Physik A</i> , 1996, 355, 335-336.	0.9	0
97	QPOs and Orbital elements of X-ray binary 4U 0115+63 during the 2017 outburst observed by <i>Insight</i> -HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	3