

Zhi Zhang

List of Publications by Year in descending order

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840776

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18
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768
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview to the Hard X-ray Modulation Telescope (Insight-HXMT) Satellite. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	178
2	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. Nature Astronomy, 2021, 5, 378-384.	10.1	152
3	The High Energy X-ray telescope (HE) onboard the Insight-HXMT astronomy satellite. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	110
4	Discovery of oscillations above 200 keV in a black hole X-ray binary with Insight-HXMT. Nature Astronomy, 2021, 5, 94-102.	10.1	71
5	Development of Sulfur Release and Reaction Model for Computational Fluid Dynamics Modeling in Sub-Bituminous Coal Combustion. Energy & Fuels, 2017, 31, 1383-1398.	5.1	42
6	Optimizing in-situ char gasification kinetics in reduction zone of pulverized coal air-staged combustion. Combustion and Flame, 2018, 194, 52-71.	5.2	39
7	Reduced-order model of char burning for CFD modeling. Combustion and Flame, 2016, 165, 83-96.	5.2	23
8	Formation of Reductive and Corrosive Gases during Air-Staged Combustion of Blends of Anthracite/Sub-bituminous Coals. Energy & Fuels, 2016, 30, 4353-4362.	5.1	21
9	A semi-empirical NO _x model for LES in pulverized coal air-staged combustion. Fuel, 2019, 241, 402-409.	6.4	16
10	Experimental and modeling study of H ₂ S formation and evolution in air staged combustion of pulverized coal. Proceedings of the Combustion Institute, 2021, 38, 5363-5371.	3.9	14
11	Research on a Neutron Detector With a Boron-Lined Honeycomb Neutron Converter. IEEE Transactions on Nuclear Science, 2017, 64, 1048-1055.	2.0	13
12	Insight-HXMT observations of Swift J0243.6+6124: the evolution of RMS pulse fractions at super-Eddington luminosity. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5498-5506.	4.4	10
13	Switches between accretion structures during flares in 4U 1901+03. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5680-5692.	4.4	8
14	A Study of Influence Factors for Dual-Detector C/O Logging in Slim Holes. Chinese Journal of Geophysics, 2005, 48, 509-514.	0.2	3
15	Online deposition measurement and slag bubble behavior in the reduction zone of pulverized coal staged combustion. Proceedings of the Combustion Institute, 2019, 37, 4435-4442.	3.9	3
16	An iterative prediction method for designing the moderator used for the boron neutron capture therapy. Medical Physics, 2022, 49, 598-610.	3.0	3
17	Detection Efficiency and Spatial Resolution Analysis of a ⁿ MCP Detector. , 2017, , .		0
18	The Study of Boron-Lined Honeycomb Neutron Detector with a Multi-Wire Proportional Chamber Readout. , 2019, , .		0