

Lu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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15
docs citations

15
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172
citing authors

#	ARTICLE	IF	CITATIONS
1	The PyNE-Based Burnup Analysis Method for Accelerator-Driven Subcritical Systems. Nuclear Technology, 2021, 207, 270-284.	1.2	2
2	Review of fuel assembly design in lead-based fast reactors and research progress in fuel assembly of China initiative accelerator driven system. International Journal of Energy Research, 2021, 45, 11552-11563.	4.5	17
3	Design of Beam Shaping Assemblies for Accelerator-Based BNCT With Multi-Terminals. Frontiers in Public Health, 2021, 9, 642561.	2.7	3
4	Direct observation of modulation structure in room-temperature multiferroic $\text{Bi}_4\text{Ti}_2\text{O}_9$. Scripta Materialia, 2021, 196, 113752.	5.2	0
5	Microstructure of quasi-one-dimensional superconductor KCr_3As_3 prepared by K-ion deintercalation. Journal of Physics Condensed Matter, 2021, 33, 215404.	1.8	2
6	Evidence for the random singlet phase in the honeycomb iridate Sr_2O_6 . Physical Review B, 2021, 103, .	3.2	5
7	Two superconducting phases induced at point contacts on the Weyl semimetal TaAs. Physical Review B, 2020, 101, .	3.2	11
8	THE THREE DIMENSIONAL IMMERSIVE TRAINING PLATFORM FOR CHINA INITIATIVE ACCELERATOR DRIVEN SUBCRITICAL SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1067.	0.0	1
9	Epitaxial growth and antiferromagnetism of Sn-substituted perovskite iridate $\text{SrIr}_{0.8}\text{Sn}_{0.2}\text{O}_3$. Physical Review Materials, 2019, 3, .	2.4	1
10	Development and validation of the code COUPLE3.0 for the coupled analysis of neutron transport and burnup in ADS. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	3
11	Preliminary physics study of the Lead-Bismuth Eutectic spallation target for China Initiative Accelerator-Driven System. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	4
12	Analysis of the axial fitting clearance between the fuel rod and the end seat in CIADS. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	0
13	Electron acceleration via high contrast laser interacting with submicron clusters. Applied Physics Letters, 2012, 100, .	3.3	32
14	Angular distribution of terahertz emission from laser interactions with solid targets. Science China Information Sciences, 2012, 55, 43-48.	4.3	3
15	Enhanced K_{α} output of Ar and Kr using size optimized cluster target irradiated by high-contrast laser pulses. Optics Express, 2011, 19, 25812.	3.4	32