

Xiao-Yi Li

List of Publications by Year in descending order

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papers

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2258059

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10
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization design of GaAs-based betavoltaic batteries with p-n junction and Schottky barrier structures. Journal Physics D: Applied Physics, 2022, 55, 194003.	2.8	0
2	Enhanced performance of GaAs-based betavoltaic batteries by using AlGaAs hole/electron transport layers. Journal Physics D: Applied Physics, 2022, 55, 304002.	2.8	1
3	Theoretical study of a high-efficiency GaP-Si heterojunction betavoltaic cell compared with metal-Si Schottky barrier betavoltaic cell. AIP Advances, 2021, 11, 065110.	1.3	2
4	Measurement of talc in flour by the prompt-gamma ray neutron activation analysis method. Applied Radiation and Isotopes, 2021, 178, 109932.	1.5	3
5	Measurement of neutron yield and angular distribution for D-T neutron generator by neutron activation analysis method. Applied Radiation and Isotopes, 2020, 156, 108971.	1.5	4
6	Comparison of time-related electrical properties of PN junctions and Schottky diodes for ZnO-based betavoltaic batteries. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	3.4	6
7	Analyses of time-related performance of betavoltaic batteries using Ti^{2+} . Journal Physics D: Applied Physics, 2020, 53, 46LT01.	2.8	1
8	Exploratory study of betavoltaic battery using ZnO as the energy converting material. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	3
9	A 4HfSiC betavoltaic battery based on a ${}^{63}Ni$ source. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	23
10	Theoretical Prediction of Diamond Betavoltaic Batteries Performance Using ${}^{63}Ni$. Chinese Physics Letters, 2018, 35, 072301.	3.3	13