

Ryota Katano

List of Publications by Year in descending order

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10
papers

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citations

1937685

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1720034

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docs citations

10
times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of impurity in transmutation cycle on neutronics design of revised accelerator-driven system. Annals of Nuclear Energy, 2018, 111, 449-459.	1.8	18
2	Application of Linear Combination Method to Pulsed Neutron Source Measurement at Kyoto University Critical Assembly. Nuclear Science and Engineering, 2019, 193, 1394-1402.	1.1	7
3	Estimation Method of Prompt Neutron Decay Constant Reducing Higher Order Mode Effect by Linear Combination. Nuclear Science and Engineering, 2019, 193, 431-439.	1.1	7
4	Estimation of sensitivity coefficients of core characteristics based on reduced-order modeling using sensitivity matrix of assembly characteristics. Journal of Nuclear Science and Technology, 2017, 54, 637-647.	1.3	6
5	Measurement of prompt neutron decay constant with spallation neutrons at Kyoto University Critical Assembly using linear combination method. Journal of Nuclear Science and Technology, 2020, 57, 169-176.	1.3	5
6	Estimation of sensitivity coefficient based on lasso-type penalized linear regression. Journal of Nuclear Science and Technology, 2018, 55, 1099-1109.	1.3	3
7	NMB4.0: development of integrated nuclear fuel cycle simulator from the front to back-end. EPJ Nuclear Sciences & Technologies, 2021, 7, 19.	0.7	2
8	AREA RATIO METHOD VIA LINEAR COMBINATION OF THE NEUTRON COUNTS IN PULSED NEUTRON EXPERIMENT. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1327.	0.0	1
9	Sensitivity Coefficient Evaluation of an Accelerator-Driven System Using ROM-Lasso Method. Nuclear Science and Engineering, 0, , 1-15.	1.1	1
10	Subcriticality determination methodology during fuel loading of accelerator-driven system. Journal of Nuclear Science and Technology, 2022, 59, 368-381.	1.3	0