

Samuel E Bays

List of Publications by Year in descending order

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papers

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2258059

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2053705

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10
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28
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmark of Advanced Burner Test Reactor model using MCNPX 2.6.0 and ERANOS 2.1. Progress in Nuclear Energy, 2011, 53, 633-644.	2.9	14
2	ATR Compendium: Irradiation Test Capabilities. Nuclear Technology, 2018, 201, 191-208.	1.2	5
3	Actinide destruction and power peaking analysis in a 1000MWt advanced burner reactor using moderated heterogeneous target assemblies. Progress in Nuclear Energy, 2011, 53, 375-394.	2.9	4
4	Digital Twin to Detect Nuclear Proliferation: A Case Study. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	4
5	Upgrading Limiting Peak-Power Analysis Techniques with Modern Validation and Uncertainty Quantification for the Advanced Test Reactor. Nuclear Technology, 2018, 201, 209-227.	1.2	3
6	Toward an Agent-Based Blackboard System for Reactor Design Optimization. Nuclear Technology, 0, , 1-21.	1.2	2
7	Validating Intra-Plate Power Distributions in the Advanced Test Reactor. Nuclear Technology, 0, , 1-11.	1.2	0