

Xiaobin Jian

List of Publications by Year in descending order

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2258059

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7
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citing authors

#	ARTICLE	IF	CITATIONS
1	A mesoscale stress model for irradiated U 10Mo monolithic fuels based on evolution of volume fraction/radius/internal pressure of bubbles. Nuclear Engineering and Technology, 2019, 51, 1575-1588.	2.3	15
2	Effects of UMo irradiation creep on the thermo-mechanical behavior in monolithic UMo/Al fuel plates. Journal of Nuclear Materials, 2019, 524, 209-217.	2.7	14
3	Effects of U-Mo irradiation creep coefficient on the mesoscale mechanical behavior in U-Mo/Al monolithic fuel plates. Nuclear Materials and Energy, 2019, 21, 100706.	1.3	5
4	Thermo-mechanical coupling behavior analysis for a Uâ€“10Mo/Al monolithic fuel assembly. Nuclear Engineering and Technology, 2021, 53, 2937-2952.	2.3	3
5	Macro-Mesoscale In-Pile Thermal-Mechanical Behavior Simulation of a UMo/Zr Monolithic Fuel Plate. Frontiers in Energy Research, 2022, 9, .	2.3	1
6	Effects of Matrix Creep Properties on Effective Irradiation Swelling of U-10Mo/Zr Dispersion Nuclear Fuels. Frontiers in Energy Research, 2022, 10, .	2.3	0
7	An innovative multi-layer shell model for in-pile thermo-mechanical behavior analysis of plate-type fuel assemblies. Composite Structures, 2022, , 115735.	5.8	0