

Xiaobin Jian

List of Publications by Year in descending order

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