

Karen E Wright

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

115
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature interface reactions of TiC, TiN, and SiC with palladium and rhodium. Solid State Ionics, 2008, 179, 2313-2321.	2.7	28
2	Electron probe microanalysis of irradiated FUTURIX-FTA U-Pu-Zr alloy with added minor actinides. Journal of Nuclear Materials, 2019, 526, 151745.	2.7	17
3	Out-of-pile and postirradiated examination of lanthanide and lanthanide-palladium interactions for metallic fuel. Journal of Nuclear Materials, 2021, 544, 152727.	2.7	15
4	Detailed characterization of a PWR fuel rod at high burnup in support of LOCA testing. Journal of Nuclear Materials, 2022, 569, 153881.	2.7	12
5	Inducing mineral precipitation in groundwater by addition of phosphate. Geochemical Transactions, 2011, 12, 8.	0.7	11
6	Characterization of solid fission products in 13.7% FIMA MOX fuel using electron microscopy techniques. Journal of Nuclear Materials, 2019, 524, 67-79.	2.7	11
7	Investigation of fuel microstructure at the top of a metallic fuel pin after a reactor overpower transient. Journal of Nuclear Materials, 2021, 544, 152711.	2.7	11
8	Synthesis and characterisation of PuPO ₄ - a potential analytical standard for EPMA actinide quantification. IOP Conference Series: Materials Science and Engineering, 2018, 304, 012020.	0.6	4
9	Integrated fiducial sample mount and software for correlated microscopy. Review of Scientific Instruments, 2014, 85, 023701.	1.3	2
10	Fission product distribution in irradiated safety-tested and as-irradiated AGR-2 TRISO particles. Journal of Nuclear Materials, 2022, 559, 153468.	2.7	2
11	Fission product distribution in irradiated safety-tested and non-safety-tested AGR-2 TRISO particles. IOP Conference Series: Materials Science and Engineering, 2020, 891, 012024.	0.6	1
12	EPMA-based mass balance method for quantitative fission product distribution comparison between TRISO particles. MRS Advances, 2021, 6, 1020.	0.9	1