James A King

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8966046/publications.pdf

Version: 2024-02-01

17	491	840776 11	940533 16
papers	citations	h-index	g-index

18	18	18	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioreactor development for stem cell expansion and controlled differentiation. Current Opinion in Chemical Biology, 2007, 11, 394-398.	6.1	219
2	Surface Presentation of Bioactive Ligands in a Nonadhesive Background Using DOPA-Tethered Biotinylated Poly(ethylene glycol). Langmuir, 2007, 23, 10635-10643.	3.5	41
3	SEM characterization of two advanced fuel alloys: U-10Zr-4.3Sn and U-10Zr-4.3Sn-4.7Ln. Journal of Nuclear Materials, 2017, 494, 334-341.	2.7	30
4	Characterization of U-Zr fuel with alloying additive Sb for immobilizing fission product lanthanides. Journal of Nuclear Materials, 2018, 498, 332-340.	2.7	29
5	Immobilized Thrombopoietin (TPO) Lipopeptide Mimic Supports Similar Signaling and CD34+ Cell Differentiation as Soluble TPO.. Blood, 2005, 106, 3150-3150.	1.4	24
6	Microstructural characterization of annealed U-12Zr-4Pd and U-12Zr-4Pd-5Ln: Investigating Pd as a metallic fuel additive. Journal of Nuclear Materials, 2018, 502, 106-112.	2.7	23
7	Fundamental Data Acquisition toward Silver-Silver Chloride Reference Electrode. Journal of the Electrochemical Society, 2019, 166, E159-E164.	2.9	22
8	Characterization of U-10Zr-2Sn-2Sb and U-10Zr-2Sn-2Sb-4Ln to assess Sn+Sb as a mixed additive system to bind lanthanides. Journal of Nuclear Materials, 2018, 510, 210-218.	2.7	19
9	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
10	Assessment of Te as a U-Zr fuel additive to mitigate fuel-cladding chemical interactions. Journal of Nuclear Materials, 2019, 513, 175-184.	2.7	14
11	Comparative study of monolithic platinum and iridium as oxygen-evolving anodes during the electrolytic reduction of uranium oxide in a molten LiClâ€“Li2O electrolyte. Journal of Applied Electrochemistry, 2019, 49, 379-388.	2.9	13
12	Microstructural characterization of as-cast U-20Pu-10Zr-3.86Pd and U-20Pu-10Zr-3.86Pd-4.3Ln. Journal of Nuclear Materials, 2018, 508, 310-318.	2.7	11
13	Evaluation of Tellurium as a Fuel Additive in Neodymium-Containing U-Zr Metallic Fuel. Scientific Reports, 2019, 9, 16043.	3.3	11
14	Diffusion behaviors between metallic fuel alloys with Pd addition and Fe. Journal of Nuclear Materials, 2019, 525, 111-124.	2.7	10
15	Microstructural characterization of annealed U-20Pu-10Zr-3.86Pd and U-20Pu-10Zr-3.86Pd-4.3Ln. Journal of Nuclear Materials, 2019, 518, 287-297.	2.7	9
16	Investigation of Tin as a Fuel Additive to Control FCCI. Minerals, Metals and Materials Series, 2018, , 695-702.	0.4	1
17	Isolation of high purity americium metal via distillation. Journal of Nuclear Materials, 2018, 500, 26-32.	2.7	0