

Qiang Dou

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

126
citations

1478505

6
h-index

1281871

11
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19
all docs

19
docs citations

19
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaporation behavior of ²³³ Pa in FLiBeZr molten salt. RSC Advances, 2022, 12, 7085-7091.	3.6	0
2	Activity Measurement of Iodine Fission Products in 2LiF-BeF ₂ Salt and Its Application in Redox Potential Surveillance for a Thorium Molten Salt Reactor. Inorganic Chemistry, 2022, 61, 7406-7413.	4.0	3
3	Behavior and distribution of nuclides in the fluoride volatility process of uranium containing molten salt fuel. Journal of Fluorine Chemistry, 2022, 261-262, 110016.	1.7	3
4	Distribution and behaviour of ²³³ Pa in 2LiF-BeF ₂ molten salt. RSC Advances, 2021, 11, 7436-7441.	3.6	6
5	Transient release of radioactive iodine from the fission of UF ₄ in 2LiF-BeF ₂ salt. RSC Advances, 2021, 11, 22611-22617.	3.6	5
6	A new method for monitoring the redox potential of fuel salt based on the deposition of ⁹⁵ Nb on Hastelloy C276. Radiochimica Acta, 2021, 109, 357-365.	1.2	4
7	Distribution and behavior of fission product ⁹⁵ Nb in FLiBe salt. Radiochimica Acta, 2021, 109, 311-317.	1.2	6
8	Kinetics Analysis of Reaction between Molybdenum and Nitrogen Trifluoride. Chinese Journal of Analytical Chemistry, 2021, 49, e21039-e21045.	1.7	0
9	Evaporation behavior of 2LiF-BeF ₂ -ZrF ₄ molten salt with irradiated nuclear fuel. RSC Advances, 2021, 11, 26284-26290.	3.6	1
10	Process optimization of a closed-chamber distillation system for the recovery of FLiNaK molten salt. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	4
11	Study on the adsorption behavior of UF ₆ and MoF ₆ on the NaF adsorbents. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 603-610.	1.5	0
12	Study on the Thermal Stability of the Na ₂ UF ₈ Complex in the Argon Atmosphere. ACS Omega, 2020, 5, 5651-5656.	3.5	3
13	The distillation behavior of fluorides in LiCl-KCl molten salt. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 1365-1371.	1.5	5
14	The protective performance of a molten salt frozen wall in the process of fluoride volatility of uranium. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	8
15	Trace impurities analysis in UF ₄ via standard addition and ¹⁰³ Rh internal standardization techniques combined with ICP-MS. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 2025-2032.	1.5	3
16	The effect of moisture on the desorption behavior of UF ₆ from NaF adsorbent. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1325-1332.	1.5	3
17	The evaporation behaviors of rare-earth-doped FLiNaK melts during low-pressure distillation. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 637-642.	1.5	13
18	Reversible tuning of the hydrophobic-hydrophilic transition of hydrophobic ionic liquids by means of an electric field. Soft Matter, 2011, 7, 4228.	2.7	30

#	ARTICLE	IF	CITATIONS
19	Mass Distribution and Diffusion of [1-Butyl-3-methylimidazolium][Y] Ionic Liquids Adsorbed on the Graphite Surface at 300–800 K. ChemPhysChem, 2010, 11, 2438-2443.	2.1	29