

# 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  
g-index

19  
all docs

19  
docs citations

19  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible tuning of the hydrophobic-hydrophilic transition of hydrophobic ionic liquids by means of an electric field. <i>Soft Matter</i> , 2011, 7, 4228.	2.7	30
2	Mass Distribution and Diffusion of [1-butyl-3-methylimidazolium][Y] Ionic Liquids Adsorbed on the Graphite Surface at 300-800 K. <i>ChemPhysChem</i> , 2010, 11, 2438-2443.	2.1	29
3	The evaporation behaviors of rare-earth-doped FLiNaK melts during low-pressure distillation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 637-642.	1.5	13
4	The protective performance of a molten salt frozen wall in the process of fluoride volatility of uranium. <i>Nuclear Science and Techniques/Hewuli</i> , 2019, 30, 1.	3.4	8
5	Distribution and behaviour of <sup>233</sup> Pa in 2LiF-BeF <sub>2</sub> molten salt. <i>RSC Advances</i> , 2021, 11, 7436-7441.	3.6	6
6	Distribution and behavior of fission product <sup>95</sup> Nb in FLiBe salt. <i>Radiochimica Acta</i> , 2021, 109, 311-317.	1.2	6
7	The distillation behavior of fluorides in LiCl-KCl molten salt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 1365-1371.	1.5	5
8	Transient release of radioactive iodine from the fission of UF <sub>4</sub> in 2LiF-BeF <sub>2</sub> salt. <i>RSC Advances</i> , 2021, 11, 22611-22617.	3.6	5
9	A new method for monitoring the redox potential of fuel salt based on the deposition of <sup>95</sup> Nb on Hastelloy C276. <i>Radiochimica Acta</i> , 2021, 109, 357-365.	1.2	4
10	Process optimization of a closed-chamber distillation system for the recovery of FLiNaK molten salt. <i>Nuclear Science and Techniques/Hewuli</i> , 2021, 32, 1.	3.4	4
11	The effect of moisture on the desorption behavior of UF <sub>6</sub> from NaF adsorbent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1325-1332.	1.5	3
12	Trace impurities analysis in UF <sub>4</sub> via standard addition and <sup>103</sup> Rh internal standardization techniques combined with ICP-MS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 2025-2032.	1.5	3
13	Study on the Thermal Stability of the Na <sub>2</sub> UF <sub>8</sub> Complex in the Argon Atmosphere. <i>ACS Omega</i> , 2020, 5, 5651-5656.	3.5	3
14	Activity Measurement of Iodine Fission Products in 2LiF-BeF <sub>2</sub> Salt and Its Application in Redox Potential Surveillance for a Thorium Molten Salt Reactor. <i>Inorganic Chemistry</i> , 2022, 61, 7406-7413.	4.0	3
15	Behavior and distribution of nuclides in the fluoride volatility process of uranium containing molten salt fuel. <i>Journal of Fluorine Chemistry</i> , 2022, 261-262, 110016.	1.7	3
16	Evaporation behavior of 2LiF-BeF <sub>2</sub> -ZrF <sub>4</sub> molten salt with irradiated nuclear fuel. <i>RSC Advances</i> , 2021, 11, 26284-26290.	3.6	1
17	Study on the adsorption behavior of UF <sub>6</sub> and MoF <sub>6</sub> on the NaF adsorbents. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 603-610.	1.5	0
18	Kinetics Analysis of Reaction between Molybdenum and Nitrogen Trifluoride. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, e21039-e21045.	1.7	0

#	ARTICLE	IF	CITATIONS
19	Evaporation behavior of <sup>233</sup> Pa in FLiBeZr molten salt. RSC Advances, 2022, 12, 7085-7091.	3.6	0