

Pengfei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

103
citations

1684188

5
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

39
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Research for CHF Sensitivity of Heat Flux Distribution under IVR Conditions. Science and Technology of Nuclear Installations, 2022, 2022, 1-14.	0.8	3
2	Jet Fragmentation Characteristics During Molten Fuel and Coolant Interactions. Nuclear Science and Engineering, 2021, 195, 367-390.	1.1	3
3	Dynamic performance investigation on the hydraulic-suspended passive shutdown subassembly of SFR. Annals of Nuclear Energy, 2021, 158, 108244.	1.8	4
4	Performance test of conceptually designed hydraulically suspended passive shut down subassembly for CFR600. Progress in Nuclear Energy, 2021, 140, 103906.	2.9	2
5	A theoretical and experimental study on subcooled flow boiling under passive IVR-ERVC conditions. Annals of Nuclear Energy, 2020, 138, 107190.	1.8	7
6	Experimental study on the effects of boiling during molten jet and coolant interactions. Annals of Nuclear Energy, 2020, 143, 107392.	1.8	1
7	Experimental and Numerical Investigation of Temperature Distribution on Reactor Pressure Vessel Support under Operating Conditions. Science and Technology of Nuclear Installations, 2019, 2019, 1-16.	0.8	0
8	An experimental study on natural circulation flow characteristics under passive IVR-ERVC conditions. Annals of Nuclear Energy, 2019, 131, 401-411.	1.8	5
9	Influences of some engineered factors on IVR-ERVC limits. Nuclear Engineering and Design, 2019, 347, 20-30.	1.7	11
10	The FAC Experimental Research on Vapor-water Two-phase Flow Piping System of CAP1400 Secondary Loop. MATEC Web of Conferences, 2018, 207, 04001.	0.2	1
11	Evaluation of IET Facility Applicability on Simulating SBLOCA in Large-Scale Passive PWR Plant. , 2018, , .		0
12	Experimental Study on the Interaction of Molten Sn With Water. , 2018, , .		0
13	Experimental Investigation on Boiling Flow Characteristics Under Passive IVR-ERVC Conditions. , 2018, , .		1
14	1-D dynamic stability analysis of mixed-spectrum supercritical water reactor core. Annals of Nuclear Energy, 2017, 101, 278-292.	1.8	2
15	Preliminary Experimental Study on Erosion-Corrosion Behavior of Second Loop Pipeline in Nuclear Power Plant With Vapor Liquid Two Phase Flow. , 2017, , .		0
16	Development of a hardware-in-loop simulation platform for NPP main control systems. MATEC Web of Conferences, 2017, 128, 02012.	0.2	0
17	Stability analysis of parallel-channel systems under supercritical pressure with heat exchanging. Annals of Nuclear Energy, 2014, 69, 267-277.	1.8	17
18	Stability analysis of parallel-channel systems with forced flows under supercritical pressure. Annals of Nuclear Energy, 2011, 38, 2386-2396.	1.8	22

#	ARTICLE	IF	CITATIONS
19	Main control system verification and validation of NPP digital I&C system based on engineering simulator. Nuclear Engineering and Design, 2010, 240, 1887-1896.	1.7	19
20	Applying Engineering Simulator to Verification and Validation of Digital I&C in Nuclear Power Plant. , 2009, , .		4
21	Frequency Domain Linear Stability Analysis of Simplified Supercritical Water-Cooled Reactor. , 2009, , .		0
22	GAIT SYNTHESIS BASED ON FWN FOR A FIVE-LINK BIPED ROBOT. International Journal of Wavelets, Multiresolution and Information Processing, 2007, 05, 197-211.	1.3	0
23	The Finite Ridgelet Image Fusion Scheme by Combining Remote Sensing Images. , 2006, , .		1