

Hyun-Sik Park

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental investigation and validation of TASS/SMR-S code for single-phase and two-phase natural circulation tests with SMART-ITL facility. Nuclear Engineering and Technology, 2022, 54, 554-564.	2.3	3
2	Investigation of two-phase natural circulation with the SMART-ITL facility for an integral type reactor. Nuclear Engineering and Technology, 2022, 54, 826-833.	2.3	0
3	Development of a special thermal-hydraulic component model for the core makeup tank. Nuclear Engineering and Technology, 2022, 54, 1890-1901.	2.3	2
4	Investigation of CMT behavior between the ATLAS and SMART-ITL tests. Annals of Nuclear Energy, 2020, 135, 106979.	1.8	6
5	Comparison of Two Different Sized Small-Break LOCAs on the Passive Safety Injection Line Using SMART-ITL Data. Nuclear Technology, 2020, 206, 1421-1435.	1.2	6
6	Overall thermal-hydraulic behavior in an SBO test using HSIT in the ATLAS facility. Annals of Nuclear Energy, 2019, 130, 250-258.	1.8	4
7	Core makeup tank injection characteristics during different test scenarios using SMART-ITL facility. Annals of Nuclear Energy, 2019, 126, 10-19.	1.8	13
8	Investigation of thermal hydraulic behavior of SBLOCA tests in SMART-ITL facility. Annals of Nuclear Energy, 2018, 113, 25-36.	1.8	15
9	Comparison of three small-break loss-of-coolant accident tests with different break locations using the system-integrated modular advanced reactor-integral test loop facility to estimate the safety of the smart design. Nuclear Engineering and Technology, 2017, 49, 968-978.	2.3	11
10	Contribution of thermal-hydraulic validation tests to the standard design approval of SMART. Nuclear Engineering and Technology, 2017, 49, 1537-1546.	2.3	12
11	PX-AR: An Innovative Safety Concept for an Unmanned Reactor. Nuclear Engineering and Technology, 2016, 48, 268-273.	2.3	9
12	Design of the VISTA-ITL Test Facility for an Integral Type Reactor of SMART and a Post-Test Simulation of a SBLOCA Test. Science and Technology of Nuclear Installations, 2014, 2014, 1-14.	0.8	10
13	Experimental verification on the integrity and performance of the passive residual heat removal system for a SMART design with VISTA-ITL. Annals of Nuclear Energy, 2014, 71, 118-124.	1.8	13
14	ANALYSIS OF A STATION BLACKOUT SCENARIO WITH AN ATLAS TEST. Nuclear Engineering and Technology, 2013, 45, 179-190.	2.3	21
15	Experimental study on the natural circulation of a passive residual heat removal system for an integral reactor following a safety related event. Annals of Nuclear Energy, 2008, 35, 2249-2258.	1.8	42