

Yong-Hoon Shin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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1478505

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15
docs citations

15
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced passive design of small modular reactor cooled by heavy liquid metal natural circulation. Progress in Nuclear Energy, 2015, 83, 433-442.	2.9	29
2	Electrochemical Measurement of Sieverts's™ Constant and Solubility of Oxygen in LBE at 598~748 K. Journal of the Electrochemical Society, 2017, 164, H743-H747.	2.9	22
3	Nucleation and growth of lead oxide particles in liquid lead-bismuth eutectic. Physical Chemistry Chemical Physics, 2017, 19, 27593-27602.	2.8	19
4	Comparison between Numerical Simulations and Experimental Results on Copper Deposition in Rotating Cylinder Hull Cell. Electrochimica Acta, 2015, 164, 218-226.	5.2	15
5	Experimental studies and computational benchmark on heavy liquid metal natural circulation in a full height-scale test loop for small modular reactors. Nuclear Engineering and Design, 2017, 316, 26-37.	1.7	10
6	High-Temperature Corrosion Behaviors of Structural Materials for Lead-Alloy-Cooled Fast Reactor Application. Applied Sciences (Switzerland), 2021, 11, 2349.	2.5	9
7	Determination of the lead oxide fouling mechanisms in lead bismuth eutectic coolant. Nuclear Engineering and Design, 2020, 357, 110382.	1.7	6
8	Power maximization method for land-transportable fully passive lead-bismuth cooled small modular reactor systems. Nuclear Engineering and Design, 2015, 289, 240-251.	1.7	4
9	Small modular reactor (SMR) development plan in Korea. AIP Conference Proceedings, 2015, , .	0.4	3
10	Spatial distribution of CeBi2 in Bi-Ce alloy facilitating density-based separation between actinides and lanthanides. Journal of Nuclear Materials, 2019, 526, 151750.	2.7	3
11	PILLAR: Integral test facility for LBE-cooled passive small modular reactor research and computational code benchmark. Nuclear Engineering and Technology, 2021, 53, 3580-3596.	2.3	3
12	Cross-Comparison of One-Dimensional Thermal-Hydraulic Codes on Natural Circulation Analysis of NACIE Loop Test for Lead-Alloy Cooled Advanced Nuclear Energy Systems (LACANES). , 2014, , .		2
13	Numerical investigation on the hydraulic loss correlation of ring-type spacer grids. Nuclear Engineering and Technology, 2022, 54, 860-866.	2.3	1
14	Power Maximization of Fully Passive Lead-Bismuth Eutectic Cooled Small Modular Reactor. , 2014, , .		0
15	ICONE23-2135 DESIGN STATUS OF SMALL MODULAR REACTOR COOLED BY LEAD-BISMUTH EUTECTIC NATURAL CIRCULATION : URANUS. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-2- _ICONE23-2.	0.0	0