

# Liang-ming Pan

## List of Publications by Year in descending order

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147  
papers

1,667  
citations

279798

23  
h-index

361022

35  
g-index

147  
all docs

147  
docs citations

147  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the performance of the supercritical Brayton cycle with CO <sub>2</sub> -based binary mixture as working fluid for an energy transportation system of a nuclear reactor. <i>Energy</i> , 2015, 89, 874-886.	8.8	102
2	Numerical simulation of bubble behaviors in subcooled flow boiling under swing motion. <i>Nuclear Engineering and Design</i> , 2011, 241, 2898-2908.	1.7	90
3	Prediction of bubble detachment diameter in flow boiling based on force analysis. <i>Nuclear Engineering and Design</i> , 2012, 243, 263-271.	1.7	69
4	Numerical investigation of vapor bubble condensation characteristics of subcooled flow boiling in vertical rectangular channel. <i>Nuclear Engineering and Design</i> , 2012, 248, 126-136.	1.7	65
5	Natural convection heat transfer in corium pools: A review work of experimental studies. <i>Progress in Nuclear Energy</i> , 2015, 79, 167-181.	2.9	55
6	Experimental study and modeling of disturbance wave height of vertical annular flow. <i>International Journal of Heat and Mass Transfer</i> , 2015, 89, 165-175.	4.8	51
7	Effects of magnetic field on water electrolysis using foam electrodes. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 1352-1358.	7.1	51
8	Hydrogen bubble growth at micro-electrode under magnetic field. <i>Journal of Electroanalytical Chemistry</i> , 2015, 754, 22-29.	3.8	46
9	Bubble behavior of high subcooling flow boiling at different system pressure in vertical narrow channel. <i>Applied Thermal Engineering</i> , 2011, 31, 3512-3520.	6.0	43
10	COPRA: A large scale experiment on natural convection heat transfer in corium pools with internal heating. <i>Progress in Nuclear Energy</i> , 2016, 86, 132-140.	2.9	39
11	Experimental study on the flow boiling pressure drop characteristics in parallel multiple microchannels. <i>International Journal of Heat and Mass Transfer</i> , 2018, 116, 642-654.	4.8	38
12	The development of Module In-vessel degraded severe accident Analysis Code MIDAC and the relevant research for CPR1000 during the station blackout scenario. <i>Progress in Nuclear Energy</i> , 2014, 76, 44-54.	2.9	36
13	Vertical co-current two-phase flow regime identification using fuzzy C-means clustering algorithm and ReliefF attribute weighting technique. <i>International Journal of Heat and Mass Transfer</i> , 2016, 95, 393-404.	4.8	35
14	Phase distribution characteristics of bubbly flow in $5 \times 10^{-5}$ vertical rod bundles with mixing vane spacer grids. <i>Experimental Thermal and Fluid Science</i> , 2018, 96, 451-459.	2.7	35
15	Porous electrode improving energy efficiency under electrode-normal magnetic field in water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 22780-22786.	7.1	32
16	COPRA experiments on natural convection heat transfer in a volumetrically heated slice pool with high Rayleigh numbers. <i>Annals of Nuclear Energy</i> , 2016, 87, 81-88.	1.8	31
17	Large eddy simulation on turbulent heat transfer in reactor vessel lower head corium pools. <i>Annals of Nuclear Energy</i> , 2018, 111, 293-302.	1.8	31
18	Investigation on the Effects of Unbalanced Clamping Force on Multichip Press Pack IGBT Modules. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019, 7, 2314-2322.	5.4	29

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19	Numerical simulation of hydrogen bubble growth at an electrode surface. Canadian Journal of Chemical Engineering, 2016, 94, 192-199.	1.7	27
20	Large eddy simulation for the thermal behavior of one-layer and two-layer corium pool configurations in HPR1000 reactor. Applied Thermal Engineering, 2018, 145, 38-47.	6.0	27
21	The mechanism of bubbly to slug flow regime transition in air-water two phase flow: A new transition criterion. International Journal of Heat and Mass Transfer, 2017, 108, 1579-1590.	4.8	26
22	Flow characteristics and instability analysis of pressure drop in parallel multiple microchannels. Applied Thermal Engineering, 2018, 142, 184-193.	6.0	26
23	Electrode-normal magnetic field facilitating neighbouring electrochemical bubble release from hydrophobic islets. Electrochimica Acta, 2019, 306, 350-359.	5.2	26
24	Numerical simulation and field test study of desulfurization wastewater evaporation treatment through flue gas. Water Science and Technology, 2014, 70, 1285-1291.	2.5	24
25	Numerical and experimental study of stagnant effective thermal conductivity of a graphite pebble bed with high solid to fluid thermal conductivity ratios. Applied Thermal Engineering, 2020, 164, 114511.	6.0	23
26	Modeling of reversal flow and pressure fluctuation in rectangular microchannel. International Journal of Heat and Mass Transfer, 2016, 102, 1024-1033.	4.8	22
27	Dual model of bubble growth in vertical rectangular narrow channel. International Communications in Heat and Mass Transfer, 2010, 37, 1004-1007.	5.6	21
28	The influences of gas-liquid interfacial properties on interfacial shear stress for vertical annular flow. International Journal of Heat and Mass Transfer, 2015, 89, 1172-1183.	4.8	21
29	Investigation on the temperature sensitivity of the S-CO <sub>2</sub> Brayton cycle efficiency. Energy, 2019, 178, 739-750.	8.8	21
30	Experimental and numerical investigation of gas-liquid flow in water electrolysis under magnetic field. Journal of Electroanalytical Chemistry, 2019, 832, 293-302.	3.8	21
31	The nature of bubble growth under different system pressures in a narrow channel. Nuclear Engineering and Design, 2011, 241, 785-791.	1.7	20
32	Sub-channel flow regime maps in vertical rod bundles with spacer grids. International Journal of Heat and Mass Transfer, 2018, 122, 1138-1152.	4.8	20
33	The acceleration of charged nano-particles in gas stream of supersonic de-Laval-type nozzle coupled with static electric field. Applied Thermal Engineering, 2006, 26, 613-621.	6.0	18
34	Effects of microgravity on Marangoni convection and growth characteristic of a single bubble. Acta Astronautica, 2014, 100, 129-139.	3.2	17
35	Numerical investigation of the mechanism of two-phase flow instability in parallel narrow channels. Nuclear Engineering and Design, 2015, 287, 78-89.	1.7	15
36	Experimental study of vertical co-current slug flow in terms of flow regime transition in relatively small diameter tubes. International Journal of Multiphase Flow, 2018, 108, 140-155.	3.4	15

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37	One-dimensional interfacial area transport for bubbly two-phase flow in vertical 5â€”5 rod bundle. <i>International Journal of Heat and Fluid Flow</i> , 2018, 72, 257-273.	2.4	14
38	Water electrolysis using plate electrodes in an electrode-paralleled non-uniform magnetic field. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3329-3336.	7.1	14
39	Simulation of phase transition process using lattice Boltzmann method. <i>Science Bulletin</i> , 2009, 54, 4596-4603.	9.0	13
40	Hydrogen bubble evolution from magnetized nickel wire electrode. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31724-31730.	7.1	12
41	Numerical study of natural convection effects on effective thermal conductivity in a pebble bed. <i>Annals of Nuclear Energy</i> , 2020, 144, 107524.	1.8	12
42	The dynamic effect of Micro-MHD convection on bubble grown at a horizontal microelectrode. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 13923-13935.	7.1	12
43	Investigation on synergistic effect of CuCl <sub>2</sub> and FeCl <sub>3</sub> impregnated into fly ash on mercury removal by experiment and density functional theory. <i>Applied Surface Science</i> , 2021, 565, 150484.	6.1	12
44	Study on lifetime prediction considering fatigue accumulative effect for dieattach solder layer in an IGBT module. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018, 13, 613-621.	1.4	10
45	Condition Monitoring in a Power Module Using On-State Resistance and Case Temperature. <i>IEEE Access</i> , 2018, 6, 67108-67117.	4.2	10
46	Drift-flux model of sub-channel in vertical rod bundles with spacer grids. <i>International Journal of Heat and Mass Transfer</i> , 2018, 126, 946-956.	4.8	10
47	An experimental investigation for cold-state flow field of regenerative heating annular furnace. <i>Applied Thermal Engineering</i> , 2009, 29, 3426-3430.	6.0	9
48	An analytic model of pool boiling critical heat flux on an immersed downward facing curved surface. <i>Nuclear Engineering and Design</i> , 2015, 289, 73-80.	1.7	9
49	Numerical studies on the off-design performance of a cryogenic two-phase turbo-expander. <i>Applied Thermal Engineering</i> , 2018, 140, 34-42.	6.0	9
50	Numerical study on single-phase flow of natural circulation under ocean condition using coupled relap5 system code and fluent code. <i>Nuclear Engineering and Design</i> , 2019, 343, 138-150.	1.7	9
51	Numerical studies on two-phase flow in cryogenic radial-inflow turbo-expander using varying condensation models. <i>Applied Thermal Engineering</i> , 2019, 156, 168-177.	6.0	9
52	The acceleration of charged nano-particles in gas stream of supersonic De-Laval-type nozzle coupled with static electric field. <i>Applied Thermal Engineering</i> , 2007, 27, 2877-2885.	6.0	8
53	Numerical study of adiabatic two-phase flow patterns in vertical rectangular narrow channels. <i>Applied Thermal Engineering</i> , 2017, 110, 1101-1110.	6.0	8
54	Experimental study on distribution parameter characteristics in vertical rod bundles. <i>International Journal of Heat and Mass Transfer</i> , 2019, 132, 593-605.	4.8	8

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55	Air-water two-phase flow regime and transition criteria in vertical upward narrow rectangular channels. <i>Progress in Nuclear Energy</i> , 2021, 136, 103750.	2.9	8
56	Transient heat transfer in internally heated corium pool. <i>Applied Thermal Engineering</i> , 2018, 145, 476-482.	6.0	7
57	Axial development of gas-liquid flow regime maps in a vertical 5 $\times$ 5 rod bundle with prototypic spacer grids. <i>Nuclear Engineering and Design</i> , 2018, 339, 1-10.	1.7	7
58	Rupture of thin liquid film based premature critical heat flux prediction in microchannel. <i>International Journal of Heat and Mass Transfer</i> , 2018, 125, 933-942.	4.8	7
59	Experimental study on the flow boiling oscillation characteristics in a rectangular multiple micro-channel. <i>Experimental Thermal and Fluid Science</i> , 2019, 109, 109902.	2.7	7
60	Two-group phase distribution characteristics for air-water flow in 5 $\times$ 5 vertical rod bundle channel with mixing vane spacer grids. <i>International Journal of Heat and Mass Transfer</i> , 2021, 176, 121444.	4.8	7
61	Experimental investigation about the lift force of a single bubble in the water at a linear shear flow. <i>International Journal of Multiphase Flow</i> , 2021, 145, 103819.	3.4	7
62	Investigation on the effect of mixtures physical properties on cycle efficiency in the CO <sub>2</sub> -based binary mixtures Brayton cycle. <i>Progress in Nuclear Energy</i> , 2022, 143, 104049.	2.9	7
63	Liquid film thickness measurement underneath a gas slug with miniaturized sensor matrix in a microchannel. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	6
64	Measurement of subchannel void fraction in 5 $\times$ 5 rod bundles using an impedance void meter. <i>Measurement Science and Technology</i> , 2018, 29, 104004.	2.6	6
65	A study of the heat flux profile effect on parallel channel density wave oscillation in sodium heated heat exchanger. <i>Progress in Nuclear Energy</i> , 2019, 112, 135-145.	2.9	6
66	Friction and local pressure loss characteristics of a 5 $\times$ 5 rod bundle with spacer grids. <i>Annals of Nuclear Energy</i> , 2020, 140, 107106.	1.8	6
67	Experimental study on air-water countercurrent flow limitation in a vertical tube based on measurement of film thickness behavior. <i>Nuclear Engineering and Technology</i> , 2021, 53, 1821-1833.	2.3	6
68	An evaluation of critical heat flux prediction methods for the upward flow in a vertical narrow rectangular channel. <i>Progress in Nuclear Energy</i> , 2021, 140, 103901.	2.9	6
69	Experimental research and model development on interfacial drag in rectangle channel bubbly and slug flow. <i>Experimental Thermal and Fluid Science</i> , 2022, 130, 110506.	2.7	6
70	Experimental study of bubble size distribution in bubbly and bubbly-to-slug transition flow. <i>International Journal of Multiphase Flow</i> , 2022, 146, 103852.	3.4	6
71	Bubble size distribution for bubbly-to-slug transition flow in narrow rectangular channel. <i>Nuclear Engineering and Design</i> , 2022, 391, 111725.	1.7	6
72	Control strategies used in the control software for the Heavy Ion Research Facility in Lanzhou. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 823, 20-25.	1.6	5

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73	Local liquid film behavior of annular two-phase flow on rod-bundle geometry-I. Experimental phenomenon and analysis. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 58-70.	4.8	5
74	Experimental study and model development for the high-Rayleigh-number corium pool with heat and mass transfer. <i>International Journal of Heat and Mass Transfer</i> , 2019, 138, 304-313.	4.8	5
75	Performance analysis of natural convection in presence of internal heating, strong turbulence and phase change. <i>Applied Thermal Engineering</i> , 2020, 178, 115602.	6.0	5
76	Experimental and theoretical study on formation of interfacial waves on liquid film of annular two-phase flow. <i>Nuclear Engineering and Design</i> , 2022, 389, 111683.	1.7	5
77	Evaluation of typical interfacial area transport models for bubbly flow. <i>International Journal of Advanced Nuclear Reactor Design and Technology</i> , 2019, 1, 10-18.	1.3	4
78	The effect of rolling motion on flow resistance and heat transfer in narrow rectangular channel under natural circulation. <i>Nuclear Engineering and Design</i> , 2020, 370, 110893.	1.7	4
79	A pair of adjacent bubbles evolution at micro-electrode under electrode-normal magnetic field. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114886.	3.8	4
80	Single-phase density wave oscillation -A new mechanism of flow instability in inverted U-type steam generator. <i>Progress in Nuclear Energy</i> , 2021, 138, 103836.	2.9	4
81	Experimental investigation and a mechanical model of critical heat flux in a narrow rectangular channel. <i>Experimental Thermal and Fluid Science</i> , 2021, 128, 110432.	2.7	4
82	Heat Transfer and Bubble Movement of Two-Side and One-Side Heating Subcooled Flow Boiling in Vertical Narrow Channels. <i>Journal of Heat Transfer</i> , 2006, 128, 838.	2.1	3
83	Numerical simulation of a thermal-bubble actuated diffuser-nozzle valveless pump. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 2967-2972.	0.9	3
84	Void fraction measurement of the air-water two-phase flow in the sub-channel of a rod bundle geometry based on an impedance meter. <i>Annals of Nuclear Energy</i> , 2018, 115, 480-486.	1.8	3
85	Parameter analysis of natural convection thermal characteristics in internally heated pool. <i>International Journal of Heat and Mass Transfer</i> , 2020, 153, 119603.	4.8	3
86	On the importance of non-equilibrium effect in microchannel two-phase boiling flow. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119185.	4.8	3
87	Dynamic cavitation characteristics of the DME blended fuel and enhanced atomization performance using cavity-orifice injector. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 95, 104202.	4.4	3
88	Single-phase density wave oscillation -A new phenomenon of flow instability in inverted U-Type Steam Generator. <i>Progress in Nuclear Energy</i> , 2022, 143, 104030.	2.9	3
89	Assessment of wall heat flux partitioning model for two-phase CFD. <i>Nuclear Engineering and Design</i> , 2022, 390, 111693.	1.7	3
90	Bubble Sliding Process on Subcooling Flow Boiling in Vertical Rectangular Narrow Channel. , 2010, , .		2

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91	Simulation of mesoscale interfacial properties using the lattice Boltzmann method. Science Bulletin, 2010, 55, 3267-3273.	1.7	2
92	Experimental Study of Flow Regime Map in 5Å–5 Rod Bundle. , 2017, , .		2
93	Design of a NIM-based DAQ system. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	2
94	Research on the non-eutectic phase-change dynamics with heat transfer and component diffusion. Applied Thermal Engineering, 2019, 156, 230-236.	6.0	2
95	A best-estimated correlation for prediction of nucleation radius in sodium boiling. Nuclear Engineering and Design, 2019, 345, 40-46.	1.7	2
96	A study on the density wave oscillation relative stability turning point of uniform and cosine heat flux profiles in parallel channels. Annals of Nuclear Energy, 2019, 127, 111-119.	1.8	2
97	Predication of wall shear stress of vertical upward co-current adiabatic air-water annular flow in pipes. Nuclear Engineering and Design, 2020, 368, 110797.	1.7	2
98	Comparison of Drift-Flux Models for Void Fraction Prediction in Sub-Channel of Vertical Rod Bundles. , 2018, , .		2
99	Molecular Dynamics Study on the Wettability of the Lithium Droplet and Tungsten Surface. Langmuir, 2022, 38, 2502-2514.	3.5	2
100	Visualization experiments and a new correlation of critical heat flux in a narrow rectangular channel. Nuclear Engineering and Design, 2022, 389, 111687.	1.7	2
101	Numerical investigation of convection heat transfer characteristics in sloshing corium pools. Nuclear Engineering and Design, 2022, 390, 111710.	1.7	2
102	Bubbles Coalescence and Condensation of Subcooled Flow Boiling in Vertical Narrow Channels. , 2005, , 247.		1
103	Numerical Investigation of a Periodic Heating Thermal-Bubble Actuated Diffuser“ Nozzle Valveless Pump. Microgravity Science and Technology, 2009, 21, 345-350.	1.4	1
104	Vapor Bubble Condensation Characteristics of Subcooled Flow Boiling in Vertical Rectangular Channel. , 2012, , .		1
105	Local liquid film behavior of annular two-phase flow on rod-bundle geometry “ II. Modeling and verification. International Journal of Heat and Mass Transfer, 2019, 143, 118533.	4.8	1
106	Numerical Study on the Corium Pool Heat Transfer With OpenFOAM. Frontiers in Energy Research, 2020, 8, .	2.3	1
107	Experimental Study on the Transition Characteristics and Criterion From Wall-Peak to Core-Peak Phase Distribution in Vertical Rod Bundles. Frontiers in Energy Research, 2021, 9, .	2.3	1
108	Influence of furnace temperature and non-uniform heat flux density on direct reduction process of newly designed carbon containing pellet. Journal of Central South University, 2022, 29, 296-312.	3.0	1

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109	Heat Transfer and Bubble Movement of Double- and Single-Side Heating Subcooled Flow Boiling in Narrow Channels. , 2005, , 437.		0
110	Two-Phase Concurrent Separated Flow Model for Boiling Heat Transfer in Narrow Vertical Rectangular Space. , 2005, , 239.		0
111	Prediction Model for Bubble Contact Circle Diameter on Heating Wall. , 2010, , .		0
112	Experimental Investigation on the Effect of Bubble Behavior on Flow Boiling Pressure Drop in Narrow Channel. , 2012, , .		0
113	Single Bubble Growth at Different Gravity and the Effects of Microgravity on Marangoni Convection. , 2012, , .		0
114	Pressure Drop Characteristics of Flow Boiling in Narrow Rectangular Channel. , 2013, , .		0
115	Experimental Research of Flow Instability Onset Conditions in a Natural Circulation System With Subcooled Boiling. , 2013, , .		0
116	The Effect of Electromagnetic Field on the Behavior of Bubbles. , 2013, , .		0
117	The Mechanism of Two Phase Flow Instability Enhanced the Interface Mass Transfer. , 2013, , .		0
118	Numerical Investigation of Two Phase Flow and Heat Transfer Characteristics of Passive Containment Cooling System. , 2013, , .		0
119	Experimental Study of the Sub-Channel Flow Regimes in 5Å—5 Rod Bundles With Simplified Grid Spacer. , 2017, , .		0
120	Investigation of Slug Flow Structure in Terms of Flow Regime Transition in Co-Current Two-Phase Flow. , 2017, , .		0
121	Bubble Diameter Effects on CFD Simulation for Subcooled Boiling Flow in Rolling Circular Tube. , 2017, , .		0
122	Bubble profile reconstruction with miniaturized sensors in a microchannel. , 2017, , .		0
123	Numerical Investigation of Flow Field Near the Exhaust Opening Indoor. IOP Conference Series: Earth and Environmental Science, 2019, 267, 032081.	0.3	0
124	Phase stabilization design for radio-frequency system of the IMP HIRFL-SSC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 240-249.	1.6	0
125	Mechanism-based codes for severe accident analysis. , 2021, , 333-360.		0
126	Editorial: Safety Analysis of Nuclear Reactor Thermal-Hydraulics. Frontiers in Energy Research, 2021, 9, .	2.3	0



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127	Numerical Investigation of the Thermal Baking Method for Start-Up Aluminum Electrolytic Cell. , 2006, , .		0
128	Departure and Lift-Off Point of Bubbles at Heating Wall in Vertical Channel. , 2006, , .		0
129	Experimental Investigation of Pressure Drop of Flow Boiling at Vertical Narrow Rectangular Channel. , 2008, , .		0
130	Experimental Investigation of Saturated Flow Boiling Heat Transfer of Vertical Narrow Rectangular Channel. , 2008, , .		0
131	Experimental Study on the Fluctuation Characteristics of Pressure Drop and Mass Flux of the Two-Phase Flow in Narrow Channel. , 2013, , .		0
132	Study on the Influence of Safety Injection Rate on the Process of SBLOCA. , 2013, , .		0
133	Analysis of the Availability of In-Vessel Retention of Molten Core Debris Strategy for AP1000. , 2014, , .		0
134	ICONE23-1167 Analysis of the effect of flow instability in forced circulation on critical heat flux. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-1-_ICONE23-1.	0.0	0
135	NUMERICAL INVESTIGATIONS OF SUBCOOLED FLOW BOILING IN A PEBBLE BED. , 2017, , .		0
136	CHARACTERISTIC ANALYSIS OF PRESSURE DROP IN A MICROCHANNEL HEAT SINK. , 2018, , .		0
137	INTERFACIAL AREA CORRELATION FOR ANNULAR FLOW IN VERTICAL PIPES. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1987.	0.0	0
138	THE EFFECT OF FOAM ELECTRODES ON HYDROGEN PRODUCTION EFFICIENCY DURING WATER ELECTROLYSIS IN THE MAGNETIC FIELD. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1580.	0.0	0
139	STUDY OF THE INTERFACE INSTABILITY OF TWO-LAYER CORIUM POOL BASED ON LES METHOD AND KHI THEORY. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1174.	0.0	0
140	PHASE DISTRIBUTION CHARACTERISTICS OF CAP BUBBLY FLOW IN 5Å–5 ROD BUNDLES WITH MIXING VANE SPACER GRIDS. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1994.	0.0	0
141	INVESTIGATION OF BUBBLE DYNAMICAL CHARACTERISTICS IN THE TRANSITION FROM BUBBLY TO SLUG FLOW. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1855.	0.0	0
142	Two-phase flow regime in a vertical narrow rectangular channel. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1571.	0.0	0
143	EXPERIMENTAL MEASUREMENTS OF THE EFFECTIVE THERMAL CONDUCTIVITY OF A SIMPLE-CUBIC PACKED PEBBLE BED. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1099.	0.0	0
144	Interfacial Area Transport Model for Bubbly Flow System in Vertical Rod Bundle With Spacer Grids. , 2020, , .		0

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145	Experimental Study on the Sub-Channel Void Fraction Characteristics of Bubbly Flow in Rod Bundles. , 2020, , .		0
146	Circumferential incoherent distribution of film thickness for multi-dimensional two-phase annular flow. Nuclear Engineering and Design, 2021, 386, 111569.	1.7	0
147	Preparation and Flow Boiling Heat Transfer Performance of Concave Cr Coating on Stainless Steel Surface. Integrated Ferroelectrics, 2022, 226, 185-203.	0.7	0