

# 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  
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147  
all docs

147  
docs citations

147  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Influence of furnace temperature and non-uniform heat flux density on direct reduction process of newly designed carbon containing pellet. <i>Journal of Central South University</i> , 2022, 29, 296-312.	3.0	1
6	Molecular Dynamics Study on the Wettability of the Lithium Droplet and Tungsten Surface. <i>Langmuir</i> , 2022, 38, 2502-2514.	3.5	2
7	Visualization experiments and a new correlation of critical heat flux in a narrow rectangular channel. <i>Nuclear Engineering and Design</i> , 2022, 389, 111687.	1.7	2
8	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
9	Assessment of wall heat flux partitioning model for two-phase CFD. <i>Nuclear Engineering and Design</i> , 2022, 390, 111693.	1.7	3
10	Numerical investigation of convection heat transfer characteristics in sloshing corium pools. <i>Nuclear Engineering and Design</i> , 2022, 390, 111710.	1.7	2
11	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
12	Preparation and Flow Boiling Heat Transfer Performance of Concave Cr Coating on Stainless Steel Surface. <i>Integrated Ferroelectrics</i> , 2022, 226, 185-203.	0.7	0
13	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
14	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
15	Mechanism-based codes for severe accident analysis. , 2021, , 333-360.		0
16	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
17	Editorial: Safety Analysis of Nuclear Reactor Thermal-Hydraulics. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	0
18	Experimental Study on the Transition Characteristics and Criterion From Wall-Peak to Core-Peak Phase Distribution in Vertical Rod Bundles. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	1

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19	Experimental study on air-water countercurrent flow limitation in a vertical tube based on measurement of film thickness behavior. Nuclear Engineering and Technology, 2021, 53, 1821-1833.	2.3	6
20	Air-water two-phase flow regime and transition criteria in vertical upward narrow rectangular channels. Progress in Nuclear Energy, 2021, 136, 103750.	2.9	8
21	Single-phase density wave oscillation -A new mechanism of flow instability in inverted U-type steam generator. Progress in Nuclear Energy, 2021, 138, 103836.	2.9	4
22	Two-group phase distribution characteristics for air-water flow in 5×5 vertical rod bundle channel with mixing vane spacer grids. International Journal of Heat and Mass Transfer, 2021, 176, 121444.	4.8	7
23	Experimental investigation and a mechanical model of critical heat flux in a narrow rectangular channel. Experimental Thermal and Fluid Science, 2021, 128, 110432.	2.7	4
24	An evaluation of critical heat flux prediction methods for the upward flow in a vertical narrow rectangular channel. Progress in Nuclear Energy, 2021, 140, 103901.	2.9	6
25	Dynamic cavitation characteristics of the DME blended fuel and enhanced atomization performance using cavity orifice injector. Journal of Natural Gas Science and Engineering, 2021, 95, 104202.	4.4	3
26	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. Applied Surface Science, 2021, 565, 150484.	6.1	12
27	Experimental investigation about the lift force of a single bubble in the water at a linear shear flow. International Journal of Multiphase Flow, 2021, 145, 103819.	3.4	7
28	Circumferential incoherent distribution of film thickness for multi-dimensional two-phase annular flow. Nuclear Engineering and Design, 2021, 386, 111569.	1.7	0
29	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
30	Friction and local pressure loss characteristics of a 5×5 rod bundle with spacer grids. Annals of Nuclear Energy, 2020, 140, 107106.	1.8	6
31	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
32	The effect of rolling motion on flow resistance and heat transfer in narrow rectangular channel under natural circulation. Nuclear Engineering and Design, 2020, 370, 110893.	1.7	4
33	Numerical Study on the Corium Pool Heat Transfer With OpenFOAM. Frontiers in Energy Research, 2020, 8, .	2.3	1
34	Parameter analysis of natural convection thermal characteristics in internally heated pool. International Journal of Heat and Mass Transfer, 2020, 153, 119603.	4.8	3
35	Performance analysis of natural convection in presence of internal heating, strong turbulence and phase change. Applied Thermal Engineering, 2020, 178, 115602.	6.0	5
36	On the importance of non-equilibrium effect in microchannel two-phase boiling flow. International Journal of Heat and Mass Transfer, 2020, 149, 119185.	4.8	3

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37	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
38	Interfacial Area Transport Model for Bubbly Flow System in Vertical Rod Bundle With Spacer Grids. , 2020, , .		0
39	Experimental Study on the Sub-Channel Void Fraction Characteristics of Bubbly Flow in Rod Bundles. , 2020, , .		0
40	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
41	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
42	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
43	Hydrogen bubble evolution from magnetized nickel wire electrode. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31724-31730.	7.1	12
44	Numerical Investigation of Flow Field Near the Exhaust Opening Indoor. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 267, 032081.	0.3	0
45	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
46	Local liquid film behavior of annular two-phase flow on rod-bundle geometry " II. Modeling and verification. <i>International Journal of Heat and Mass Transfer</i> , 2019, 143, 118533.	4.8	1
47	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
48	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
49	Research on the non-eutectic phase-change dynamics with heat transfer and component diffusion. <i>Applied Thermal Engineering</i> , 2019, 156, 230-236.	6.0	2
50	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
51	A best-estimated correlation for prediction of nucleation radius in sodium boiling. <i>Nuclear Engineering and Design</i> , 2019, 345, 40-46.	1.7	2
52	Investigation on the temperature sensitivity of the S-CO <sub>2</sub> Brayton cycle efficiency. <i>Energy</i> , 2019, 178, 739-750.	8.8	21
53	Electrode-normal magnetic field facilitating neighbouring electrochemical bubble release from hydrophobic islets. <i>Electrochimica Acta</i> , 2019, 306, 350-359.	5.2	26
54	Phase stabilization design for radio-frequency system of the IMP HIRFL-SSC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 927, 240-249.	1.6	0

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55	A study on the density wave oscillation relative stability turning point of uniform and cosine heat flux profiles in parallel channels. <i>Annals of Nuclear Energy</i> , 2019, 127, 111-119.	1.8	2
56	Experimental and numerical investigation of gas-liquid flow in water electrolysis under magnetic field. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 293-302.	3.8	21
57	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
58	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
59	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
60	Effects of magnetic field on water electrolysis using foam electrodes. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 1352-1358.	7.1	51
61	INTERFACIAL AREA CORRELATION FOR ANNULAR FLOW IN VERTICAL PIPES. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1987.	0.0	0
62	THE EFFECT OF FOAM ELECTRODES ON HYDROGEN PRODUCTION EFFICIENCY DURING WATER ELECTROLYSIS IN THE MAGNETIC FIELD. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1580.	0.0	0
63	STUDY OF THE INTERFACE INSTABILITY OF TWO-LAYER CORIUM POOL BASED ON LES METHOD AND KHI THEORY. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1174.	0.0	0
64	PHASE DISTRIBUTION CHARACTERISTICS OF CAP BUBBLY FLOW IN 5Å–5 ROD BUNDLES WITH MIXING VANE SPACER GRIDS. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1994.	0.0	0
65	INVESTIGATION OF BUBBLE DYNAMICAL CHARACTERISTICS IN THE TRANSITION FROM BUBBLY TO SLUG FLOW. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1855.	0.0	0
66	Two-phase flow regime in a vertical narrow rectangular channel. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1571.	0.0	0
67	EXPERIMENTAL MEASUREMENTS OF THE EFFECTIVE THERMAL CONDUCTIVITY OF A SIMPLE-CUBIC PACKED PEBBLE BED. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2019, 2019.27, 1099.	0.0	0
68	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
69	Study on lifetime prediction considering fatigue accumulative effect for die-attach solder layer in an IGBT module. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2018, 13, 613-621.	1.4	10
70	Sub-channel flow regime maps in vertical rod bundles with spacer grids. <i>International Journal of Heat and Mass Transfer</i> , 2018, 122, 1138-1152.	4.8	20
71	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
72	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

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73	Condition Monitoring in a Power Module Using On-State Resistance and Case Temperature. IEEE Access, 2018, 6, 67108-67117.	4.2	10
74	Transient heat transfer in internally heated corium pool. Applied Thermal Engineering, 2018, 145, 476-482.	6.0	7
75	Axial development of gas-liquid flow regime maps in a vertical 5 $\times$ 5 rod bundle with prototypic spacer grids. Nuclear Engineering and Design, 2018, 339, 1-10.	1.7	7
76	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
77	Numerical studies on the off-design performance of a cryogenic two-phase turbo-expander. Applied Thermal Engineering, 2018, 140, 34-42.	6.0	9
78	One-dimensional interfacial area transport for bubbly two-phase flow in vertical 5 $\times$ 5 rod bundle. International Journal of Heat and Fluid Flow, 2018, 72, 257-273.	2.4	14
79	Drift-flux model of sub-channel in vertical rod bundles with spacer grids. International Journal of Heat and Mass Transfer, 2018, 126, 946-956.	4.8	10
80	Flow characteristics and instability analysis of pressure drop in parallel multiple microchannels. Applied Thermal Engineering, 2018, 142, 184-193.	6.0	26
81	Measurement of subchannel void fraction in 5 $\times$ 5 rod bundles using an impedance void meter. Measurement Science and Technology, 2018, 29, 104004.	2.6	6
82	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
83	Rupture of thin liquid film based premature critical heat flux prediction in microchannel. International Journal of Heat and Mass Transfer, 2018, 125, 933-942.	4.8	7
84	Phase distribution characteristics of bubbly flow in 5 $\times$ 5 vertical rod bundles with mixing vane spacer grids. Experimental Thermal and Fluid Science, 2018, 96, 451-459.	2.7	35
85	Comparison of Drift-Flux Models for Void Fraction Prediction in Sub-Channel of Vertical Rod Bundles. , 2018, , .		2
86	CHARACTERISTIC ANALYSIS OF PRESSURE DROP IN A MICROCHANNEL HEAT SINK. , 2018, , .		0
87	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
88	Experimental Study of the Sub-Channel Flow Regimes in 5 $\times$ 5 Rod Bundles With Simplified Grid Spacer. , 2017, , .		0
89	Investigation of Slug Flow Structure in Terms of Flow Regime Transition in Co-Current Two-Phase Flow. , 2017, , .		0
90	Liquid film thickness measurement underneath a gas slug with miniaturized sensor matrix in a microchannel. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	6

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91	Experimental Study of Flow Regime Map in 5Å–5 Rod Bundle. , 2017, , .		2
92	Bubble Diameter Effects on CFD Simulation for Subcooled Boiling Flow in Rolling Circular Tube. , 2017, , .		0
93	Design of a NIM-based DAQ system. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	2
94	Numerical study of adiabatic two-phase flow patterns in vertical rectangular narrow channels. Applied Thermal Engineering, 2017, 110, 1101-1110.	6.0	8
95	Bubble profile reconstruction with miniaturized sensors in a microchannel. , 2017, , .		0
96	NUMERICAL INVESTIGATIONS OF SUBCOOLED FLOW BOILING IN A PEBBLE BED. , 2017, , .		0
97	Numerical simulation of hydrogen bubble growth at an electrode surface. Canadian Journal of Chemical Engineering, 2016, 94, 192-199.	1.7	27
98	COPRA experiments on natural convection heat transfer in a volumetrically heated slice pool with high Rayleigh numbers. Annals of Nuclear Energy, 2016, 87, 81-88.	1.8	31
99	Control strategies used in the control software for the Heavy Ion Research Facility in Lanzhou. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 20-25.	1.6	5
100	Modeling of reversal flow and pressure fluctuation in rectangular microchannel. International Journal of Heat and Mass Transfer, 2016, 102, 1024-1033.	4.8	22
101	COPRA: A large scale experiment on natural convection heat transfer in corium pools with internal heating. Progress in Nuclear Energy, 2016, 86, 132-140.	2.9	39
102	Vertical co-current two-phase flow regime identification using fuzzy C-means clustering algorithm and ReliefF attribute weighting technique. International Journal of Heat and Mass Transfer, 2016, 95, 393-404.	4.8	35
103	Hydrogen bubble growth at micro-electrode under magnetic field. Journal of Electroanalytical Chemistry, 2015, 754, 22-29.	3.8	46
104	An analytic model of pool boiling critical heat flux on an immersed downward facing curved surface. Nuclear Engineering and Design, 2015, 289, 73-80.	1.7	9
105	Experimental study and modeling of disturbance wave height of vertical annular flow. International Journal of Heat and Mass Transfer, 2015, 89, 165-175.	4.8	51
106	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
107	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. Energy, 2015, 89, 874-886.	8.8	102
108	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

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109	Natural convection heat transfer in corium pools: A review work of experimental studies. Progress in Nuclear Energy, 2015, 79, 167-181.	2.9	55
110	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
111	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
112	Effects of microgravity on Marangoni convection and growth characteristic of a single bubble. Acta Astronautica, 2014, 100, 129-139.	3.2	17
113	The development of Module In-vessel degraded severe accident Analysis Code MIDAC and the relevant research for CPR1000 during the station blackout scenario. Progress in Nuclear Energy, 2014, 76, 44-54.	2.9	36
114	Analysis of the Availability of In-Vessel Retention of Molten Core Debris Strategy for AP1000. , 2014, , .		0
115	Pressure Drop Characteristics of Flow Boiling in Narrow Rectangular Channel. , 2013, , .		0
116	Experimental Research of Flow Instability Onset Conditions in a Natural Circulation System With Subcooled Boiling. , 2013, , .		0
117	The Effect of Electromagnetic Field on the Behavior of Bubbles. , 2013, , .		0
118	The Mechanism of Two Phase Flow Instability Enhanced the Interface Mass Transfer. , 2013, , .		0
119	Numerical Investigation of Two Phase Flow and Heat Transfer Characteristics of Passive Containment Cooling System. , 2013, , .		0
120	Experimental Study on the Fluctuation Characteristics of Pressure Drop and Mass Flux of the Two-Phase Flow in Narrow Channel. , 2013, , .		0
121	Study on the Influence of Safety Injection Rate on the Process of SBLOCA. , 2013, , .		0
122	Experimental Investigation on the Effect of Bubble Behavior on Flow Boiling Pressure Drop in Narrow Channel. , 2012, , .		0
123	Vapor Bubble Condensation Characteristics of Subcooled Flow Boiling in Vertical Rectangular Channel. , 2012, , .		1
124	Single Bubble Growth at Different Gravity and the Effects of Microgravity on Marangoni Convection. , 2012, , .		0
125	Prediction of bubble detachment diameter in flow boiling based on force analysis. Nuclear Engineering and Design, 2012, 243, 263-271.	1.7	69
126	Numerical investigation of vapor bubble condensation characteristics of subcooled flow boiling in vertical rectangular channel. Nuclear Engineering and Design, 2012, 248, 126-136.	1.7	65



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127	Numerical simulation of bubble behaviors in subcooled flow boiling under swing motion. Nuclear Engineering and Design, 2011, 241, 2898-2908.	1.7	90
128	Bubble behavior of high subcooling flow boiling at different system pressure in vertical narrow channel. Applied Thermal Engineering, 2011, 31, 3512-3520.	6.0	43
129	The nature of bubble growth under different system pressures in a narrow channel. Nuclear Engineering and Design, 2011, 241, 785-791.	1.7	20
130	Bubble Sliding Process on Subcooling Flow Boiling in Vertical Rectangular Narrow Channel. , 2010, , .		2
131	Simulation of mesoscale interfacial properties using the lattice Boltzmann method. Science Bulletin, 2010, 55, 3267-3273.	1.7	2
132	Dual model of bubble growth in vertical rectangular narrow channel. International Communications in Heat and Mass Transfer, 2010, 37, 1004-1007.	5.6	21
133	Prediction Model for Bubble Contact Circle Diameter on Heating Wall. , 2010, , .		0
134	Numerical simulation of a thermal-bubble actuated diffuser-nozzle valveless pump. Science in China Series D: Earth Sciences, 2009, 52, 2967-2972.	0.9	3
135	Simulation of phase transition process using lattice Boltzmann method. Science Bulletin, 2009, 54, 4596-4603.	9.0	13
136	Numerical Investigation of a Periodic Heating Thermal-Bubble Actuated Diffuser-“Nozzle Valveless Pump. Microgravity Science and Technology, 2009, 21, 345-350.	1.4	1
137	An experimental investigation for cold-state flow field of regenerative heating annular furnace. Applied Thermal Engineering, 2009, 29, 3426-3430.	6.0	9
138	Experimental Investigation of Pressure Drop of Flow Boiling at Vertical Narrow Rectangular Channel. , 2008, , .		0
139	Experimental Investigation of Saturated Flow Boiling Heat Transfer of Vertical Narrow Rectangular Channel. , 2008, , .		0
140	The acceleration of charged nano-particles in gas stream of supersonic De-Laval-type nozzle coupled with static electric field. Applied Thermal Engineering, 2007, 27, 2877-2885.	6.0	8
141	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
142	Heat Transfer and Bubble Movement of Two-Side and One-Side Heating Subcooled Flow Boiling in Vertical Narrow Channels. Journal of Heat Transfer, 2006, 128, 838.	2.1	3
143	Numerical Investigation of the Thermal Baking Method for Start-Up Aluminum Electrolytic Cell. , 2006, , .		0
144	Departure and Lift-Off Point of Bubbles at Heating Wall in Vertical Channel. , 2006, , .		0

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145	Heat Transfer and Bubble Movement of Double- and Single-Side Heating Subcooled Flow Boiling in Narrow Channels. , 2005, , 437.		0
146	Bubbles Coalescence and Condensation of Subcooled Flow Boiling in Vertical Narrow Channels. , 2005, , 247.		1
147	Two-Phase Concurrent Separated Flow Model for Boiling Heat Transfer in Narrow Vertical Rectangular Space. , 2005, , 239.		0