

Yanzhong Li

List of Publications by Year in descending order

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231
papers

5,637
citations

81434

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139680

61
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232
docs citations

232
times ranked

2964
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation on cryogenic chilldown performance under high-Reynolds number condition and using interior micro-fin structure. <i>International Journal of Heat and Mass Transfer</i> , 2022, 182, 121979.	2.5	9
2	Refrigerant film flow and heat transfer characteristics on the elliptical tube under constant wall temperature. <i>Applied Thermal Engineering</i> , 2022, 200, 117669.	3.0	11
3	A novel anti-freezing methane propellant subcooling approach and its performance analysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, e2729.	0.8	1
4	Numerical Study on Pool Film Boiling of Liquid Hydrogen over Horizontal Cylinders. <i>Energies</i> , 2022, 15, 1044.	1.6	4
5	Multi-field coupled effect of thermal disturbance on quench and recovery characteristic along the hybrid energy pipe. <i>Energy</i> , 2022, 246, 123362.	4.5	4
6	The Impact of Vapor Blockage on the Outflow Rate of Screen Channel Liquid Acquisition Devices. <i>Micromachines</i> , 2022, 13, 322.	1.4	1
7	Study on adsorption characteristics optimization of vertical radial flow adsorber. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	0.8	1
8	Effect of gas injection mass flow rates on the thermal behavior in a cryogenic fuel storage tank. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 14703-14713.	3.8	8
9	Thermodynamic performance on the pressurized discharge process from a cryogenic fuel storage tank. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 12107-12118.	3.8	9
10	Numerical study on settlement behaviors of slush hydrogen in cryogenic tank. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	0.8	0
11	CFD study on film boiling features of cryogenic fluid influenced by heat structures and gravity levels. <i>Cryogenics</i> , 2022, 124, 103455.	0.9	2
12	Analysis and experimental investigation on the subcooling of liquid oxygen propellant. <i>Cryogenics</i> , 2022, 124, 103468.	0.9	3
13	Investigation on Thermal Behavior During Pressurization Discharge of Liquid Oxygen Under Different Acceleration Levels. <i>Microgravity Science and Technology</i> , 2022, 34, 1.	0.7	4
14	Investigation on the pressurized discharge performance from a liquid oxygen tank under different injected gas temperatures. <i>Thermal Science and Engineering Progress</i> , 2022, 32, 101329.	1.3	1
15	Analysis of growing characteristics of fuel layer in ICF cryogenic target. <i>Cryogenics</i> , 2022, 124, 103480.	0.9	0
16	Fluid sloshing hydrodynamics in a cryogenic fuel storage tank under different order natural frequencies. <i>Journal of Energy Storage</i> , 2022, 52, 104830.	3.9	9
17	Optimization of a cryogenic liquid air energy storage system and its optimal thermodynamic performance. <i>International Journal of Energy Research</i> , 2022, 46, 15156-15173.	2.2	4
18	Performance analysis and improved design of screen channel liquid acquisition device for hydrogen. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23856-23870.	3.8	2

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19	Study on performance comparison of different fin combinations of catalyst filled plate fin heat exchanger for hydrogen liquefaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23661-23678.	3.8	16
20	Modeling the diffusion of flammable hydrogen cloud under different liquid hydrogen leakage conditions in a hydrogen refueling station. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 25849-25863.	3.8	16
21	Falling Film Flow and Heat Transfer of Cryogenic Liquid Oxygen on Different Structural Surfaces. <i>Energies</i> , 2022, 15, 5040.	1.6	0
22	Numerical investigation on subcooled pool film boiling of liquid hydrogen in different gravities. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2646-2657.	3.8	15
23	Hybrid ground source heat pump system for overcoming soil thermal imbalance: A review. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 44, 101098.	1.7	15
24	Estimation of the pressure oscillation in geyser process occurring in cryogenic fluid pipeline. <i>International Journal of Heat and Mass Transfer</i> , 2021, 169, 120922.	2.5	3
25	A comprehensive simulation and optimization on heat transfer characteristics of subcooled seawater falling film around elliptical tubes. <i>Applied Thermal Engineering</i> , 2021, 189, 116675.	3.0	18
26	Numerical study of the falling film wettability and heat transfer on the inclined plates with different corrugated structures. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2664.	0.8	3
27	Transient modelling of pressure-controlled propellant crossfeed for liquid rocket. <i>Cryogenics</i> , 2021, 116, 103303.	0.9	2
28	Transient modeling of quench and recovery of LNG-HTS hybrid energy transmission system based on multi-field coupled analysis. <i>Applied Thermal Engineering</i> , 2021, 195, 117139.	3.0	6
29	Experimental investigation on the thermo-hydraulic characteristics and occurrence boundary of geyser in a cryogenic pipe. <i>Applied Thermal Engineering</i> , 2021, 195, 117172.	3.0	1
30	Numerical investigation on spilling upward performance of hydrogen bubbles inside a delivery tube under low-gravity environment. <i>Cryogenics</i> , 2021, 118, 103333.	0.9	1
31	Numerical investigation on fin configuration improvement of 2ÅK sub-atmospheric plate-fin heat exchangers for the superfluid helium cryogenic systems. <i>Applied Thermal Engineering</i> , 2021, 196, 117290.	3.0	10
32	Investigation of the hazardous area in a liquid hydrogen release with or without fence. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 36598-36609.	3.8	9
33	Investigation on the elimination of geyser in a cryogenic pipe by a recirculation method. <i>Applied Thermal Engineering</i> , 2021, 197, 117428.	3.0	5
34	Thermal prediction of transient two-phase flow in cryogenic transportation based on drift-flux model. <i>International Journal of Heat and Mass Transfer</i> , 2021, 177, 121512.	2.5	5
35	Numerical investigation on the direct contact condensation of oxygen jets in a cryogenic pipe. <i>Cryogenics</i> , 2021, 119, 103364.	0.9	6
36	Numerical investigation on serrated fin of sub-atmosphere plate-fin heat exchanger used in superfluid helium system. <i>Cryogenics</i> , 2021, 119, 103351.	0.9	10

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37	A novel pipe structure for geyser elimination in a vertical cryogenic pipe. <i>International Journal of Heat and Mass Transfer</i> , 2021, 178, 121631.	2.5	1
38	Effect of initial parameter on thermodynamic performance in a liquid oxygen tank with pressurized helium gas. <i>Science and Technology for the Built Environment</i> , 2020, 26, 426-436.	0.8	4
39	Numerical Investigation on Thermal Performance Design of Cryogenic Compact Heat Exchangers with Serrated-Fin Channels. <i>Heat Transfer Engineering</i> , 2020, 41, 1856-1868.	1.2	4
40	Fluid sloshing dynamic performance in a fuel storage tank under sinusoidal excitations. <i>Applied Thermal Engineering</i> , 2020, 168, 114814.	3.0	9
41	Simulation on vertical wicking behaviors of liquid hydrogen within metallic weaves in terrestrial and microgravity environments. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4910-4921.	3.8	7
42	Thermal performance optimization and evaluation of a radial finned shell-and-tube latent heat thermal energy storage unit. <i>Applied Thermal Engineering</i> , 2020, 166, 114753.	3.0	94
43	Simulation on chill-down behavior and induced thermal stress of a cryogenic tank during LN2 filling. <i>Applied Thermal Engineering</i> , 2020, 181, 115876.	3.0	2
44	Numerical investigation on chill-down and thermal stress characteristics of a LH2 tank during ground filling. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 25344-25356.	3.8	6
45	Dispersion behavior and safety study of liquid hydrogen leakage under different application situations. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 31278-31288.	3.8	31
46	Parametric influence study of cryogenic hydrogen dispersion on theoretical aspect. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20153-20162.	3.8	11
47	Thermal physical process in a liquid oxygen tank under different sloshing excitations. <i>International Communications in Heat and Mass Transfer</i> , 2020, 117, 104771.	2.9	22
48	Dynamic variation of interface shape in a liquid oxygen tank under a sinusoidal sloshing excitation. <i>Ocean Engineering</i> , 2020, 213, 107637.	1.9	12
49	Investigation on the difference of geyser behaviors among different cryogenic fuels of launch vehicle. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 34150-34162.	3.8	10
50	The Influence of Pipe Types on The Thermal Performance of Flat-plate Closed Loop Pulsating Heat Pipe. <i>E3S Web of Conferences</i> , 2020, 194, 01014.	0.2	0
51	Effects of the Fungal Endophyte <i>Epichloa festucae</i> var. <i>lolii</i> on Growth and Physiological Responses of Perennial Ryegrass cv. Fairway to Combined Drought and Pathogen Stresses. <i>Microorganisms</i> , 2020, 8, 1917.	1.6	20
52	Study on pressure wave propagation through cryogenic condensing two-phase flow in liquid rocket propellant feedline. <i>Cryogenics</i> , 2020, 112, 103193.	0.9	7
53	Numerical investigation on the mechanism of geyser in cryogenic fluid pipes. <i>International Journal of Heat and Mass Transfer</i> , 2020, 154, 119670.	2.5	14
54	Numerical study on natural convection of liquid nitrogen used to cool the high-temperature superconducting cable in a new combined energy transmission system. <i>Cryogenics</i> , 2020, 109, 103101.	0.9	5

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55	Cooling behaviors of a novel flow channel in mechanical seals of extreme high-speed rotation for cryogenic rockets. <i>Cryogenics</i> , 2020, 107, 103055.	0.9	5
56	Thermodynamic characteristic in a cryogenic storage tank under an intermittent sloshing excitation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 12082-12094.	3.8	19
57	Numerical Investigation on Instability Flow Behaviors of Liquid Oxygen in a Feeding Pipeline with a Five-Way Spherical Cavity. <i>Energies</i> , 2020, 13, 926.	1.6	1
58	Investigation of appearance and intensity of geyser phenomenon in a vertical cryogenic pipe. <i>International Journal of Heat and Mass Transfer</i> , 2020, 150, 119390.	2.5	17
59	Structure optimization design of ground heat exchanger by topology method to mitigate the geothermal imbalance. <i>Applied Thermal Engineering</i> , 2020, 170, 115023.	3.0	14
60	Investigation on Wicking Performance of Cryogenic Propellants Within Woven Screens Under Different Thermal and Gravity Conditions. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1344-1362.	0.6	3
61	Effect of External Heat Input on Fluid Sloshing Dynamic Performance in a Liquid Oxygen Tank. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 879-888.	1.0	4
62	Multi-parameter optimization of serrated fins in plate-fin heat exchanger based on fluid-structure interaction. <i>Applied Thermal Engineering</i> , 2020, 176, 115357.	3.0	24
63	Melting performance analysis of phase change materials in different finned thermal energy storage. <i>Applied Thermal Engineering</i> , 2020, 176, 115425.	3.0	86
64	CFD investigation on thermodynamic characteristics in liquid hydrogen tank during successive varied-gravity conditions. <i>Cryogenics</i> , 2019, 103, 102973.	0.9	9
65	Experimental investigation on two-phase flow instabilities in long-distance transportation of liquid oxygen. <i>Cryogenics</i> , 2019, 102, 56-64.	0.9	7
66	Investigation on cryo-wicking performance within metallic weaves under superheated conditions for screen channel liquid acquisition devices (LADs). <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 530-541.	2.5	13
67	Energy efficiency analysis of a liquefied natural gas and electric power combined transmission system. , 2019, , .		6
68	Effect of Excitation Types on Sloshing Dynamic Characteristics in a Cryogenic Liquid Oxygen Tank. <i>Journal of Aerospace Engineering</i> , 2019, 32, 04019096.	0.8	6
69	Sensitivity and stress analysis of serrated fin structure in plate-fin heat exchanger on cryogenic condition. <i>International Journal of Thermal Sciences</i> , 2019, 145, 106013.	2.6	16
70	Influences of structure parameters on performance of tree-shaped ground heat exchanger. <i>Energy Procedia</i> , 2019, 158, 5954-5961.	1.8	2
71	Numerical investigation on the difference of dispersion behavior between cryogenic liquid hydrogen and methane. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 22368-22379.	3.8	19
72	Hydrodynamic performance in a sloshing liquid oxygen tank under different initial liquid filling levels. <i>Aerospace Science and Technology</i> , 2019, 85, 544-555.	2.5	32

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73	A Parametric Sensitivity Study and Comparison Analysis on Multiple Air Separation Processes. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9087-9098.	1.8	5
74	Fluid sloshing dynamic performance in a liquid hydrogen tank. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 13885-13894.	3.8	34
75	Sloshing Behavior Under Different Initial Liquid Temperatures in a Cryogenic Fuel Tank. <i>Journal of Low Temperature Physics</i> , 2019, 196, 347-363.	0.6	9
76	Plume dispersion behaviour and hazard identification for large quantities of liquid hydrogen leakage. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2299.	0.8	16
77	Effects of ground heat exchangers with different connection configurations on the heating performance of GSHP systems. <i>Geothermics</i> , 2019, 80, 20-30.	1.5	44
78	Numerical analysis of dynamic heating modulation during rapid cooling of fuel layer in an indirect-drive cryogenic target. <i>Progress in Nuclear Energy</i> , 2019, 114, 22-30.	1.3	3
79	Thermal behavior and flow instabilities during transient chilldown of liquid rocket engine by passive recirculation approach. <i>Cryogenics</i> , 2019, 99, 87-98.	0.9	7
80	Investigation on isothermal wicking performance within metallic weaves for screen channel liquid acquisition devices (LADs). <i>International Journal of Heat and Mass Transfer</i> , 2019, 135, 392-402.	2.5	14
81	Optimization of ground heat exchanger using microencapsulated phase change material slurry based on tree-shaped structure. <i>Applied Energy</i> , 2019, 240, 860-869.	5.1	52
82	Cooling behaviors of liquid hydrogen by helium gas injection. <i>Heat and Mass Transfer</i> , 2019, 55, 2373-2390.	1.2	6
83	Hydrodynamic performance on sloshing process in a liquid oxygen tank under intermittent excitation. <i>Cryogenics</i> , 2019, 98, 92-101.	0.9	9
84	Numerical investigation on wetting behavior and heat transfer characteristics of film flow on the smooth and orthogonal wave plates. , 2019, , .		0
85	Experimental investigation of abnormal pressure drop in branch feedlines with a five-port spherical cavity in liquid oxygen engines. <i>Cryogenics</i> , 2019, 104, 102994.	0.9	2
86	Transient characteristics and performances of passive recirculation system for liquid rocket engine precooling. <i>Applied Thermal Engineering</i> , 2019, 149, 41-53.	3.0	6
87	Sloshing hydrodynamic performance in cryogenic liquid oxygen tanks under different amplitudes. <i>Applied Thermal Engineering</i> , 2019, 150, 359-371.	3.0	27
88	Effects of tube shape on flow and heat transfer characteristics in falling film evaporation. <i>Applied Thermal Engineering</i> , 2019, 148, 412-419.	3.0	27
89	A modified heat transfer correlation for flow boiling in small channels based on the boundary layer theory. <i>International Journal of Heat and Mass Transfer</i> , 2019, 132, 107-117.	2.5	8
90	Feasibility analysis and simulation of argon recovery in low oxygen-purity cryogenic air separation process with low energy consumption. <i>Cryogenics</i> , 2019, 97, 109-121.	0.9	8

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91	A novel tree-shaped ground heat exchanger for GSHPs in severely cold regions. <i>Applied Thermal Engineering</i> , 2019, 146, 278-287.	3.0	27
92	Thermal physical performance in liquid hydrogen tank under constant wall temperature. <i>Renewable Energy</i> , 2019, 130, 601-612.	4.3	32
93	Numerical investigation of flammable cloud on liquid hydrogen spill under various weather conditions. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 5249-5260.	3.8	37
94	Structure optimization for horizontal ground heat exchanger. <i>Applied Thermal Engineering</i> , 2018, 136, 131-140.	3.0	57
95	Experimental study on refrigeration performance and fluid thermal stratification of thermodynamic vent. <i>International Journal of Refrigeration</i> , 2018, 88, 496-505.	1.8	6
96	An arbuscular mycorrhizal fungus and <i>Epichloa festucae</i> var. <i>lolii</i> reduce <i>Bipolaris sorokiniana</i> disease incidence and improve perennial ryegrass growth. <i>Mycorrhiza</i> , 2018, 28, 159-169.	1.3	42
97	Thermal distribution and cooling performance of cryogenic target under stable and fluctuating cooling conditions. <i>Fusion Engineering and Design</i> , 2018, 127, 23-33.	1.0	6
98	Experimental study on thermodynamic vent system with different influence factors. <i>International Journal of Energy Research</i> , 2018, 42, 1040-1055.	2.2	2
99	Study on thermal stratification in liquid hydrogen tank under different gravity levels. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9369-9378.	3.8	44
100	Thermal design and optimization of plate-fin heat exchangers based global sensitivity analysis and NSGA-II. <i>Applied Thermal Engineering</i> , 2018, 136, 444-453.	3.0	26
101	The comparison of condensation heat transfer and frictional pressure drop of R1234ze(E), propane and R134a in a horizontal mini-channel. <i>International Journal of Refrigeration</i> , 2018, 92, 208-224.	1.8	31
102	Numerical investigation on condensation heat transfer and pressure drop characteristics of R134a in horizontal flattened tubes. <i>International Journal of Refrigeration</i> , 2018, 85, 441-461.	1.8	29
103	Numerical study on flow and heat transfer characteristics of low pressure gas in slip flow regime. <i>International Journal of Thermal Sciences</i> , 2018, 124, 131-145.	2.6	17
104	Fluid thermal stratification in a non-isothermal liquid hydrogen tank under sloshing excitation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 22622-22635.	3.8	36
105	Theoretical study on bubble formation and flow condensation in downflow channel with horizontal gas injection. <i>Heat and Mass Transfer</i> , 2018, 54, 3329-3343.	1.2	4
106	Time-course metabolic profiling in alfalfa leaves under <i>Phoma medicaginis</i> infection. <i>PLoS ONE</i> , 2018, 13, e0206641.	1.1	11
107	Insulation performance of foam during the terrestrial and ascent period. <i>Applied Thermal Engineering</i> , 2018, 145, 364-374.	3.0	7
108	A simple and effective approach for evaluating unconfined hydrogen/air cloud explosions. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10193-10204.	3.8	12

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109	Investigation on interphase mixing and flow condensation process in a vertical channel. <i>Experimental Thermal and Fluid Science</i> , 2018, 98, 1-11.	1.5	17
110	Effect of surface tension, gravity and turbulence on condensation patterns of R1234ze(E) in horizontal mini/macro-channels. <i>International Journal of Heat and Mass Transfer</i> , 2018, 125, 153-170.	2.5	23
111	Thermal performance of liquid hydrogen tank in reduced gravity. <i>Advances in Space Research</i> , 2018, 62, 957-966.	1.2	9
112	Transient modeling of cryogenic two-phase flow boiling during chill-down process. <i>Applied Thermal Engineering</i> , 2018, 143, 461-471.	3.0	19
113	Numerical investigation on sealing behaviors of an extremely high-speed two-stage impellers structure in cryogenic rockets. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018, 13, e2229.	0.8	6
114	Influence of filling methods on the cool down performance and induced thermal stress distribution in cryogenic tank. <i>Applied Thermal Engineering</i> , 2018, 141, 1009-1019.	3.0	8
115	Effect of fin types and Prandtl number on performance of plate-fin heat exchanger: Experimental and numerical assessment. <i>Applied Thermal Engineering</i> , 2018, 144, 726-735.	3.0	22
116	Arbuscular mycorrhiza fungi increased the susceptibility of <i>Astragalus adsurgens</i> to powdery mildew caused by <i>Erysiphe pisi</i> . <i>Mycology</i> , 2018, 9, 223-232.	2.0	23
117	A novel optimization framework for designing multi-stream compact heat exchangers and associated network. <i>Applied Thermal Engineering</i> , 2017, 116, 110-125.	3.0	29
118	Improvements on Flow Distribution and Heat Transfer Performance of Plate-fin Heat Exchangers by Qusai-S Type Header Configuration. <i>Heat Transfer Engineering</i> , 2017, 38, 1547-1560.	1.2	16
119	Optimization on the performance of ground heat exchangers for GSHP using Kriging model based on MOGA. <i>Applied Thermal Engineering</i> , 2017, 118, 480-489.	3.0	41
120	Feasibility analysis and application consideration of a rapid method to obtain subcooled cryogenic propellants. <i>Applied Thermal Engineering</i> , 2017, 118, 82-89.	3.0	6
121	Experimental investigation of two-phase flow distribution in plate-fin heat exchangers. <i>Chemical Engineering Research and Design</i> , 2017, 120, 34-46.	2.7	18
122	A mathematical model for flow maldistribution study in a parallel plate-fin heat exchanger. <i>Applied Thermal Engineering</i> , 2017, 121, 462-472.	3.0	39
123	Performance evaluation on ground loading systems of cryogenic propellants. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 993-1011.	0.8	2
124	Sobol sensitivity analysis for governing variables in design of a plate-fin heat exchanger with serrated fins. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 871-881.	2.5	14
125	Ground experimental investigation of thermodynamic vent system with HCFC123. <i>International Journal of Thermal Sciences</i> , 2017, 122, 218-230.	2.6	6
126	A thermal design method for the performance optimization of multi-stream plate-fin heat exchangers. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 3017-3024.	0.7	6

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127	CFD investigation on helium pressurization behaviors in liquid hydrogen tank. International Journal of Hydrogen Energy, 2017, 42, 30792-30803.	3.8	14
128	Heat transfer performances of cryogenic fluids in offset strip fin-channels considering the effect of fin efficiency. International Journal of Heat and Mass Transfer, 2017, 114, 1114-1125.	2.5	25
129	Investigation on no-vent filling process of liquid hydrogen tank under microgravity condition. International Journal of Hydrogen Energy, 2017, 42, 8264-8277.	3.8	41
130	An ejector-enhanced re-liquefaction process (EERP) for liquid ethylene vessels. International Journal of Energy Research, 2017, 41, 658-672.	2.2	9
131	Thermodynamic performance of pre-pressurization in a cryogenic tank. Applied Thermal Engineering, 2017, 112, 801-810.	3.0	44
132	A forced convection heat transfer correlation of rarefied gases cross-flowing over a circular cylinder. Experimental Thermal and Fluid Science, 2017, 80, 327-336.	1.5	12
133	Analysis of the Fin Performance of Offset Strip Fins Used in Plate-Fin Heat Exchangers. Journal of Heat Transfer, 2016, 138, .	1.2	14
134	Experimental study on a multi-evaporator refrigeration system with variable area ratio ejector. Applied Thermal Engineering, 2016, 102, 196-203.	3.0	37
135	Effect of C60 nanofluid on the thermal performance of a flat-plate pulsating heat pipe. International Journal of Heat and Mass Transfer, 2016, 100, 892-898.	2.5	47
136	Configuration parameters design and optimization for plate-fin heat exchangers with serrated fin by multi-objective genetic algorithm. Energy Conversion and Management, 2016, 117, 482-489.	4.4	77
137	Mechanical Design and Analysis of an Indirect-drive Cryogenic Target. Journal of Fusion Energy, 2016, 35, 673-682.	0.5	6
138	A Re-examination of the Taxonomic Status of Embellisia astragali. Current Microbiology, 2016, 72, 404-409.	1.0	10
139	Proposal and design of a natural gas liquefaction process recovering the energy obtained from the pressure reducing stations of high-pressure pipelines. Cryogenics, 2016, 80, 82-90.	0.9	27
140	Measurements of interfacial thermal contact conductance between pressed alloys at low temperatures. Cryogenics, 2016, 80, 33-43.	0.9	17
141	Investigation on pressurization behaviors of two-side-insulated cryogenic tank during discharge. International Journal of Heat and Mass Transfer, 2016, 102, 703-712.	2.5	10
142	Thermal analysis of double-pipe heat exchanger in thermodynamic vent system. Energy Conversion and Management, 2016, 126, 837-849.	4.4	13
143	Enhancement of energy performance in a boil-off gas re-liquefaction system of LNG carriers using ejectors. Energy Conversion and Management, 2016, 126, 875-888.	4.4	51
144	Correlations for calculating heat transfer of hydrogen pool boiling. International Journal of Hydrogen Energy, 2016, 41, 17118-17131.	3.8	27

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145	Experimental study on a self-refrigerated auto air conditioning system based on LNG-fuelled trucks. , 2016, , .		2
146	Pressurization performance and temperature stratification in cryogenic final stage propellant tank. Applied Thermal Engineering, 2016, 106, 211-220.	3.0	53
147	Numerical investigation on thermal performance of ground heat exchangers using phase change materials as grout for ground source heat pump system. Applied Thermal Engineering, 2016, 106, 1023-1032.	3.0	86
148	Experimental study on performance of a hybrid ejector-vapor compression cycle. Energy Conversion and Management, 2016, 113, 36-43.	4.4	33
149	Thermal performance of foam/MLI for cryogenic liquid hydrogen tank during the ascent and on orbit period. Applied Thermal Engineering, 2016, 98, 430-439.	3.0	32
150	Prediction of pool boiling heat transfer for hydrogen in microgravity. International Journal of Heat and Mass Transfer, 2016, 94, 465-473.	2.5	20
151	Optimization investigation on configuration parameters of serrated fin in plate-fin heat exchanger using genetic algorithm. International Journal of Thermal Sciences, 2016, 101, 116-125.	2.6	88
152	A combined method for surface selection and layer pattern optimization of a multistream plate-fin heat exchanger. Applied Energy, 2016, 165, 815-827.	5.1	26
153	Layer pattern thermal design and optimization for multistream plate-fin heat exchangersâ€™A review. Renewable and Sustainable Energy Reviews, 2016, 53, 500-514.	8.2	67
154	NUMERICAL INVESTIGATION ON CONFIGURATION IMPROVEMENT OF A PLATE-FIN HEAT EXCHANGER WITH PERFORATED WING-PANEL HEADER. Journal of Enhanced Heat Transfer, 2016, 23, 1-21.	0.5	8
155	Antifungal activity of plant extracts against Embellisia astragali, the fungal causal agent of yellow dwarf and root-rot disease of standing milkvetch. Crop and Pasture Science, 2015, 66, 735.	0.7	5
156	Performance analysis of no-vent fill process for liquid hydrogen tank in terrestrial and on-orbit environments. Cryogenics, 2015, 72, 161-171.	0.9	14
157	A simple heat transfer model for laminar film condensation of superheated vapours on a vertical plate. Canadian Journal of Chemical Engineering, 2015, 93, 2253-2260.	0.9	2
158	Annual performance evaluation and experimental study on variable speed compressors for room air conditioners. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2015, 229, 1611-1622.	1.1	3
159	Irreversibility analysis for optimization design of plate fin heat exchangers using a multi-objective cuckoo search algorithm. Energy Conversion and Management, 2015, 101, 126-135.	4.4	67
160	Performance Evaluation of Heat Transfer Enhancement for Offset Strip Fins Used in Plate-Fin Heat Exchangers. Journal of Heat Transfer, 2015, 137, .	1.2	8
161	Simulation study on the thermal performance of vertical U-tube heat exchangers for ground source heat pump system. Applied Thermal Engineering, 2015, 79, 202-213.	3.0	78
162	Experimental investigation of distributor configuration on flow maldistribution in plate-fin heat exchangers. Applied Thermal Engineering, 2015, 85, 111-123.	3.0	38

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