

# Yanbin Qin

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

354  
citations

1478280

6  
h-index

794469

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Study on the Effect of Heating Plate (Heat Source) Temperature on a New Vacuum Sublimation - Rehydration Thawing. International Journal of Refrigeration, 2022, , .	1.8	5
2	Theoretical Study of HFO1336mzz(Z)/HFO1224yd(Z) Refrigerant Mixtures for High-temperature Heat Pump. Recent Patents on Mechanical Engineering, 2022, 15, 294-301.	0.2	0
3	Study on the impedance characteristics of a high-capacity pulse tube cryocooler. Energy Reports, 2022, 8, 2210-2218.	2.5	0
4	Performance Analysis of Low GWP Refrigerants R1234yf and R448A in a Small High and Low-temperature Test Equipment. Recent Patents on Mechanical Engineering, 2022, 15, 277-284.	0.2	0
5	Numerical and experimental research of the characteristics of concentration solar cells. Frontiers in Energy, 2021, 15, 279-291.	1.2	1
6	Phase Equilibrium Characteristics of CO <sub>2</sub> and Ionic Liquids with [FAP] <sup>-</sup> Anion Used for Absorption-Compression Refrigeration Working Pairs. Journal of Thermal Science, 2021, 30, 165-176.	0.9	7
7	Design and performance optimization of microchannel condensers for electric vehicles. International Journal of Energy Research, 2021, 45, 10912-10923.	2.2	2
8	Study on performance of high temperature heat pump system integrated with flash tank for waste heat recovery employed in steam production. International Journal of Energy Research, 2021, 45, 20318-20330.	2.2	6
9	A novel method for rotor profile optimization of high temperature screw expanders employed in waste heat recovery systems. International Journal of Energy Research, 2021, 45, 8551-8563.	2.2	5
10	Fast degradation of nitro and azo compounds in recyclable noble-metal ions systems. Ionics, 2020, 26, 1515-1524.	1.2	1
11	Fabrication of methane thermoelectric gas sensor based on 3D porous Pd/Co <sub>3</sub> O <sub>4</sub> catalyst. Journal of Chemical Technology and Biotechnology, 2020, 95, 2403-2410.	1.6	3
12	Isothermal measurement and modeling of VLE properties for 2,3,3,3-tetrafluoroprop-1-ene+trifluoromethane+tetrafluoromethane ternary system at temperatures from 253.15 K to 273.15 K. International Journal of Refrigeration, 2020, 117, 284-294.	1.8	6
13	Experimental study of a novel vacuum sublimation rehydration thawing for frozen pork. International Journal of Refrigeration, 2020, 118, 392-402.	1.8	10
14	Experimental Study on the PVTx Properties of the R1234ze(E)/R152a System by the Burnett Method. Journal of Chemical & Engineering Data, 2020, 65, 4194-4200.	1.0	2
15	Numerical and experimental investigation on the air flow characteristics of heating, ventilation, and air-conditioning module for a small electric vehicle. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 1597-1609.	1.1	1
16	Hydrogen production from the thermochemical conversion of biomass: issues and challenges. Sustainable Energy and Fuels, 2019, 3, 314-342.	2.5	224
17	Experimental Measurements and Thermodynamic Modeling of VLE for Strong-Zeotropic Ternary System of 2,3,3,3-Tetrafluoroprop-1-ene (R1234yf) + Ethane (R170) + Tetrafluoromethane (R14). Industrial & Engineering Chemistry Research, 2019, 58, 2333-2342.	1.8	1
18	Condensation heat transfer characteristics of R1234ze(E) and R32 in a minihorizontal smooth tube. Science and Technology for the Built Environment, 2019, 25, 889-904.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on Ejector Performance Using R134a as Refrigerant. Journal of Thermal Science, 2019, 28, 727-735.	0.9	7
20	Predicting $\text{CO}_2$ Solubility in Imidazole Ionic Liquids for Use in Absorption Refrigeration Systems by Using the Group Contribution Equation of State Method. International Journal of Thermophysics, 2017, 38, 1.	1.0	9
21	The enhancing influence of nanoparticles on ammonia/water falling film absorption in binary nanofluids under pressure reducing conditions. Journal of Thermal Science and Technology, 2017, 12, JTST0018-JTST0018.	0.6	5
22	Theoretical analysis of R1234ze(E), R152a, and R1234ze(E)/R152a mixtures as replacements of R134a in vapor compression system. Advances in Mechanical Engineering, 2016, 8, 168781401667694.	0.8	28
23	Experimental investigation of the performance of a single-stage auto-cascade refrigerator. Heat and Mass Transfer, 2016, 52, 11-20.	1.2	25
24	Heat transfer of closed flat-plat loop pulsating heat pipe in start-up stage. , 2011, , .		2
25	Notice of Retraction: Global Atmosphere Change and Refrigerant Recycle Analysis. , 2011, , .		0
26	Analysis of the performance of a solar floor heating system with an underground seasonal storage. , 2010, , .		0