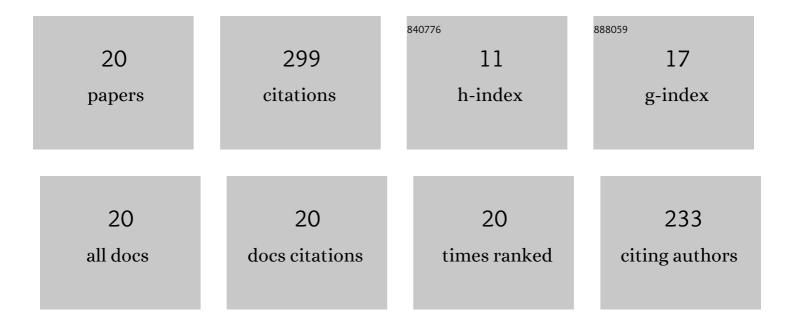
Dongpeng Zhao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An improved method of intelligence construction for subcritical thermodynamic cycle. Energy Conversion and Management, 2022, 254, 115256.	9.2	2
2	The flexible programming of thermodynamic cycles: Application of supercritical carbon dioxide Brayton cycles. Energy Conversion and Management, 2021, 245, 114624.	9.2	4
3	Supercritical CO2 Brayton cycle: Intelligent construction method and case study. Energy Conversion and Management, 2021, 246, 114662.	9.2	15
4	Ledinegg instability analysis on direct vapor generation inside solar collectors. Solar Energy, 2020, 196, 530-539.	6.1	5
5	From 1 to N: A computer-aided case study of thermodynamic cycle construction based on thermodynamic process combination. Energy, 2020, 210, 118553.	8.8	5
6	Transcritical carbon dioxide power cycle for waste heat recovery: A roadmap analysis from ideal cycle to real cycle with case implementation. Energy Conversion and Management, 2020, 226, 113578.	9.2	22
7	Overview on artificial intelligence in design of Organic Rankine Cycle. Energy and Al, 2020, 1, 100011.	10.6	37
8	Intelligent collaborative attainment of structure configuration and fluid selection for the Organic Rankine cycle. Applied Energy, 2020, 264, 114743.	10.1	19
9	Application of machine learning into organic Rankine cycle for prediction and optimization of thermal and exergy efficiency. Energy Conversion and Management, 2020, 210, 112700.	9.2	47
10	Two-phase flow pattern and heat transfer coefficients of R245fa/R134a under non-uniform heat flux. Chinese Science Bulletin, 2020, 65, 1741-1751.	0.7	1
11	Identification of key affecting parameters of zeotropic working fluid on subcritical organic Rankine cycle according limiting thermodynamic cycle. Energy Conversion and Management, 2019, 197, 111884.	9.2	15
12	How to give a full play to the advantages of zeotropic working fluids in organic Rankine cycle (ORC). Energy Procedia, 2019, 158, 1591-1597.	1.8	11
13	A new energy analysis model of seawater desalination based on thermodynamics. Energy Procedia, 2019, 158, 5472-5478.	1.8	6
14	A Numerical Study on Heat Transfer of R410A during Flow Boiling. Energy Procedia, 2019, 158, 5414-5420.	1.8	5
15	Dynamic test and verification of model-guided ORC system. Energy Conversion and Management, 2019, 186, 349-367.	9.2	25
16	A quantitative evaluation method for uniformity of heat flux distribution in the parabolic trough collector. Chinese Science Bulletin, 2019, 64, 485-492.	0.7	6
17	Thermodynamic performance comparison of Organic Rankine Cycle between zeotropic mixtures and pure fluids under open heat source. Energy Conversion and Management, 2018, 165, 720-737.	9.2	48
18	Analysis of pressure drop in T-junction and its effect on thermodynamic cycle efficiency. Applied Energy, 2018, 231, 468-480.	10.1	12

#	Article	IF	CITATIONS
19	Simulation and optimization of parabolic trough receiver with non-uniform heat flux distribution: A review. Energy Procedia, 2017, 142, 700-707.	1.8	11
20	A 3D Numerical Analysis on Local Pressure Drop of R134a in a Horizontal T-junction. Energy Procedia, 2017, 142, 3844-3850.	1.8	3