

# Yuzhu Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5046532/publications.pdf>

Version: 2024-02-01

20  
papers

673  
citations

567144

15  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

234  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability evaluation and sensitivity analysis of district heating systems coupled to geothermal and solar resources. <i>Energy Conversion and Management</i> , 2020, 220, 113084.	4.4	67
2	Exergo-economic analysis method and optimization of a novel photovoltaic/thermal solar-assisted hybrid combined cooling, heating and power system. <i>Energy Conversion and Management</i> , 2019, 199, 111945.	4.4	63
3	Thermodynamic performance analysis and multi-criteria optimization of a hybrid combined heat and power system coupled with geothermal energy. <i>Energy Conversion and Management</i> , 2020, 210, 112741.	4.4	61
4	Multicriteria performance investigations of a hybrid ground source heat pump system integrated with concentrated photovoltaic thermal solar collectors. <i>Energy Conversion and Management</i> , 2019, 197, 111862.	4.4	47
5	Configuration optimization and selection of a photovoltaic-gas integrated energy system considering renewable energy penetration in power grid. <i>Energy Conversion and Management</i> , 2022, 254, 115260.	4.4	46
6	Adjustable performance analysis of combined cooling heating and power system integrated with ground source heat pump. <i>Energy</i> , 2018, 163, 475-489.	4.5	45
7	Performance analysis and exergo-economic optimization of a solar-driven adjustable tri-generation system. <i>Energy Conversion and Management</i> , 2021, 233, 113873.	4.4	42
8	Integrated performance analysis of a space heating system assisted by photovoltaic/thermal collectors and ground source heat pump for hotel and office building types. <i>Renewable Energy</i> , 2021, 169, 925-934.	4.3	40
9	Exergo-economic assessment and sensitivity analysis of a solar-driven combined cooling, heating and power system with organic Rankine cycle and absorption heat pump. <i>Energy</i> , 2021, 230, 120717.	4.5	39
10	Multi-objective optimization of an integrated energy system against energy, supply-demand matching and exergo-environmental cost over the whole life-cycle. <i>Energy Conversion and Management</i> , 2022, 254, 115203.	4.4	39
11	Thermo-ecological cost assessment and optimization for a hybrid combined cooling, heating and power system coupled with compound parabolic concentrated-photovoltaic thermal solar collectors. <i>Energy</i> , 2019, 176, 479-492.	4.5	38
12	Ideal scheme selection of an integrated conventional and renewable energy system combining multi-objective optimization and matching performance analysis. <i>Energy Conversion and Management</i> , 2022, 251, 114989.	4.4	34
13	Multi-objective optimization of a solar-driven trigeneration system considering power-to-heat storage and carbon tax. <i>Energy</i> , 2022, 250, 123756.	4.5	28
14	Thermodynamic performance analysis and modified thermo-ecological cost optimization of a hybrid district heating system considering energy levels. <i>Energy</i> , 2021, 224, 120067.	4.5	20
15	Techno-economic cost assessment of a combined cooling heating and power system coupled to organic Rankine cycle with life cycle method. <i>Energy</i> , 2022, 239, 121939.	4.5	20
16	Exergo-environmental cost optimization of a combined cooling, heating and power system using the energy concept and equivalent emissions as ecological boundary. <i>Energy</i> , 2021, 233, 121124.	4.5	11
17	Exergo-environmental cost optimization of a solar-based cooling and heating system considering equivalent emissions of life-cycle chain. <i>Energy Conversion and Management</i> , 2022, 258, 115534.	4.4	10
18	Energy, environmental-based cost, and solar share comparisons of a solar driven cooling and heating system with different types of building. <i>Applied Thermal Engineering</i> , 2022, 211, 118435.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Optimization of a weather-based energy system for high cooling and low heating conditions using different types of water-cooled chiller. <i>Energy</i> , 2022, 252, 124094.	4.5	10
20	Thermo-ecological cost optimization of a solar thermal and photovoltaic integrated energy system considering energy level. <i>Sustainable Production and Consumption</i> , 2022, 33, 298-311.	5.7	3