

Cheng Yang

List of Publications by Year in descending order

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14
papers

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14
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14
docs citations

14
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374
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-Design Performance of Gas Turbine Power Units with Alternative Load-Control Strategies. Energy Engineering: Journal of the Association of Energy Engineers, 2021, 118, 119-141.	0.5	4
2	Load-regulation characteristics of gas turbine combined cycle power system controlled with compressor inlet air heating. Applied Thermal Engineering, 2021, 196, 117285.	6.0	13
3	Performance of gas turbine multi generation system regulated with compressor bypass extraction air energy storage. Applied Thermal Engineering, 2020, 172, 115181.	6.0	12
4	Comparative study on off-design characteristics of CHP based on GTCC under alternative operating strategy for gas turbine. Energy, 2018, 145, 823-838.	8.8	24
5	Multi-objective optimization of a gas turbine-based CCHP combined with solar and compressed air energy storage system. Energy Conversion and Management, 2018, 164, 93-101.	9.2	138
6	Off-design performances of gas turbine-based CCHP combined with solar and compressed air energy storage with organic Rankine cycle. Energy Conversion and Management, 2018, 156, 626-638.	9.2	75
7	Off-design heating/power flexibility for steam injected gas turbine based CCHP considering variable geometry operation. Energy, 2018, 165, 1048-1060.	8.8	22
8	Ability of adjusting heating/power for combined cooling heating and power system using alternative gas turbine operation strategies in combined cycle units. Energy Conversion and Management, 2018, 173, 271-282.	9.2	38
9	Control Strategies of Steam-injected Gas Turbine in CCHP System. Energy Procedia, 2017, 105, 1520-1525.	1.8	4
10	Design and simulation of gas turbine-based CCHP combined with solar and compressed air energy storage in a hotel building. Energy and Buildings, 2017, 153, 412-420.	6.7	74
11	Analytical Off-design Characteristics of Gas Turbine-Based CCHP System. Energy Procedia, 2015, 75, 1126-1131.	1.8	11
12	Typical Characteristics of Gas Turbine-Based CCHP System with Inlet Air Cooling. , 2011, , .		2
13	Analytical method for evaluation of gas turbine inlet air cooling in combined cycle power plant. Applied Energy, 2009, 86, 848-856.	10.1	78
14	Economic Evaluation on GTCC Inlet Air Cooling With Absorption Chiller. , 2005, , 1285.		2