

# Cheng Yang

## List of Publications by Year in descending order

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14  
papers

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citations

933447

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1199594

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times ranked

374  
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#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of a gas turbine-based CCHP combined with solar and compressed air energy storage system. <i>Energy Conversion and Management</i> , 2018, 164, 93-101.	9.2	138
2	Analytical method for evaluation of gas turbine inlet air cooling in combined cycle power plant. <i>Applied Energy</i> , 2009, 86, 848-856.	10.1	78
3	Off-design performances of gas turbine-based CCHP combined with solar and compressed air energy storage with organic Rankine cycle. <i>Energy Conversion and Management</i> , 2018, 156, 626-638.	9.2	75
4	Design and simulation of gas turbine-based CCHP combined with solar and compressed air energy storage in a hotel building. <i>Energy and Buildings</i> , 2017, 153, 412-420.	6.7	74
5	Ability of adjusting heating/power for combined cooling heating and power system using alternative gas turbine operation strategies in combined cycle units. <i>Energy Conversion and Management</i> , 2018, 173, 271-282.	9.2	38
6	Comparative study on off-design characteristics of CHP based on GTCC under alternative operating strategy for gas turbine. <i>Energy</i> , 2018, 145, 823-838.	8.8	24
7	Off-design heating/power flexibility for steam injected gas turbine based CCHP considering variable geometry operation. <i>Energy</i> , 2018, 165, 1048-1060.	8.8	22
8	Load-regulation characteristics of gas turbine combined cycle power system controlled with compressor inlet air heating. <i>Applied Thermal Engineering</i> , 2021, 196, 117285.	6.0	13
9	Performance of gas turbine multi generation system regulated with compressor bypass extraction air energy storage. <i>Applied Thermal Engineering</i> , 2020, 172, 115181.	6.0	12
10	Analytical Off-design Characteristics of Gas Turbine-Based CCHP System. <i>Energy Procedia</i> , 2015, 75, 1126-1131.	1.8	11
11	Control Strategies of Steam-injected Gas Turbine in CCHP System. <i>Energy Procedia</i> , 2017, 105, 1520-1525.	1.8	4
12	Off-Design Performance of Gas Turbine Power Units with Alternative Load-Control Strategies. <i>Energy Engineering: Journal of the Association of Energy Engineers</i> , 2021, 118, 119-141.	0.5	4
13	Economic Evaluation on GTCC Inlet Air Cooling With Absorption Chiller. , 2005, , 1285.		2
14	Typical Characteristics of Gas Turbine-Based CCHP System with Inlet Air Cooling. , 2011, , ,		2