

Chao Li

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

440
citations

840119

11
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Life cycle assessment of solar aided coal-fired power system with and without heat storage. Energy Conversion and Management, 2016, 111, 453-465.	4.4	68
2	Analysis of a solar-aided coal-fired power generation system based on thermo-economic structural theory. Energy, 2016, 102, 375-387.	4.5	61
3	Thermodynamic analysis of CO2 capture by calcium looping process driven by coal and concentrated solar power. Energy Conversion and Management, 2016, 117, 251-263.	4.4	50
4	Optimization of a heliostat field layout using hybrid PSO-GA algorithm. Applied Thermal Engineering, 2018, 128, 33-41.	3.0	49
5	Thermal performance of different integration schemes for a solar tower aided coal-fired power system. Energy Conversion and Management, 2018, 171, 1237-1245.	4.4	41
6	Off-design thermodynamic performances of a solar tower aided coal-fired power plant for different solar multiples with thermal energy storage. Energy, 2018, 163, 956-968.	4.5	37
7	Annual performance analysis and optimization of a solar tower aided coal-fired power plant. Applied Energy, 2019, 237, 440-456.	5.1	35
8	Effect of Dispersion Method on Stability and Dielectric Strength of Transformer Oil-Based TiO2 Nanofluids. Nanoscale Research Letters, 2016, 11, 515.	3.1	28
9	Optimization of a Heliostat Field Layout on Annual Basis Using a Hybrid Algorithm Combining Particle Swarm Optimization Algorithm and Genetic Algorithm. Energies, 2017, 10, 1924.	1.6	21
10	Thermodynamic performance of a novel solar tower aided coal-fired power system. Applied Thermal Engineering, 2020, 171, 115127.	3.0	15
11	Exergy and thermo-economic analyses and performance comparison of different solar aided coal-fired power systems. Energy Conversion and Management, 2021, 229, 113758.	4.4	12
12	Thermal and economic performances comparison of different pulverized coal power systems augmented by solar trough or tower technologies. Case Studies in Thermal Engineering, 2022, 34, 102009.	2.8	9
13	Fabrication, characterization, and insulating property of Fe ₃ O ₄ nanofluids. Integrated Ferroelectrics, 2017, 180, 37-43.	0.3	5
14	Improved Optimization Study of Integration Strategies in Solar Aided Coal-Fired Power Generation System. International Journal of Photoenergy, 2015, 2015, 1-8.	1.4	4
15	Operation Strategy of Solar-aided Coal-fired Power Plant with Heat Storage System. Energy Procedia, 2015, 75, 479-484.	1.8	3
16	Study of water molecules state in transformer oil via FT-IR spectrum and molecular dynamic simulation. , 2017, , .		2
17	Optimization of Dispatching Electricity Market with Consideration of a Solar-Assisted Coal-Fired Power Generation System. Energies, 2019, 12, 1284.	1.6	0