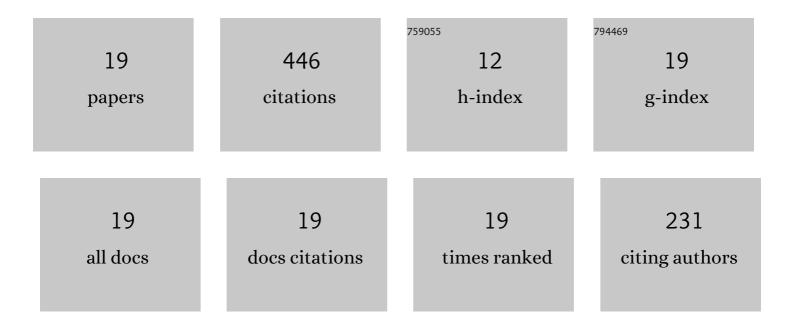


## List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Configuration optimization and selection of a photovoltaic-gas integrated energy system considering renewable energy penetration in power grid. Energy Conversion and Management, 2022, 254, 115260.	4.4	46
2	Improving the performance of a 2-stage large aperture parabolic trough solar concentrator using a secondary reflector designed by adaptive method. Renewable Energy, 2020, 152, 23-33.	4.3	45
3	Performance analysis and exergo-economic optimization of a solar-driven adjustable tri-generation system. Energy Conversion and Management, 2021, 233, 113873.	4.4	42
4	Multi-objective optimization of an integrated energy system against energy, supply-demand matching and exergo-environmental cost over the whole life-cycle. Energy Conversion and Management, 2022, 254, 115203.	4.4	39
5	Status and future strategies for Concentrating Solar Power in China. Energy Science and Engineering, 2017, 5, 100-109.	1.9	36
6	Estimation and prediction of state of health of electric vehicle batteries using discrete incremental capacity analysis based on real driving data. Energy, 2021, 225, 120160.	4.5	34
7	Ideal scheme selection of an integrated conventional and renewable energy system combining multi-objective optimization and matching performance analysis. Energy Conversion and Management, 2022, 251, 114989.	4.4	34
8	Straight-through all-glass evacuated tube solar collector for low and medium temperature applications. Solar Energy, 2020, 201, 935-943.	2.9	29
9	Improving the performance of large-aperture parabolic trough solar concentrator using semi-circular absorber tube with external fin and flat-plate radiation shield. Renewable Energy, 2020, 159, 1215-1223.	4.3	25
10	Comparative study of heat transfer enhancement using different fins in semi-circular absorber tube for large-aperture trough solar concentrator. Renewable Energy, 2021, 169, 1229-1241.	4.3	22
11	Thermodynamic performance analysis and modified thermo-ecological cost optimization of a hybrid district heating system considering energy levels. Energy, 2021, 224, 120067.	4.5	20
12	Numerical study on the uniformity of reflective high concentration photovoltaic system with two-stage reflective concentrator. Solar Energy, 2020, 199, 206-213.	2.9	19
13	Improving the accuracy of predicting the performance of solar collectors through clustering analysis with artificial neural network models. Energy Reports, 2022, 8, 3970-3981.	2.5	14
14	Comparative study of modelling the thermal efficiency of a novel straight through evacuated tube collector with MLR, SVR, BP and RBF methods. Sustainable Energy Technologies and Assessments, 2021, 44, 101029.	1.7	10
15	Theoretical study on melting of phase change material by natural convection. Case Studies in Thermal Engineering, 2021, 28, 101620.	2.8	10
16	Characteristics of natural convection in n-eicosane in a square cavity with discrete heat source. Case Studies in Thermal Engineering, 2021, 27, 101245.	2.8	7
17	Improving stability and heat transfer through a beam in a semi-circular absorber tube of a large-aperture trough solar concentrator. Energy, 2021, 228, 120614.	4.5	6
18	Optimizing research on large-aperture parabolic trough condenser using two kinds of absorber tubes with reflector at 500°C. Renewable Energy, 2021, 179, 2187-2197.	4.3	5

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#	Article	IF	CITATIONS
19	Development of a Core–Shell Heterojunction TiO <sub>2</sub> /SrTiO <sub>3</sub> Electrolyte with Improved Ionic Conductivity. ChemPhysChem, 2022, 23, .	1.0	3