

# Li Sha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simulation and experiment investigation of a heating and power double function system with multi-objective optimization. Sustainable Energy Technologies and Assessments, 2022, 49, 101768.	2.7	1
2	Model development and numerical analysis of a vertical falling film absorption heat pump. Journal of Cleaner Production, 2022, 331, 129967.	9.3	3
3	Investigation on the improvement of activated sludge dewaterability using different iron forms (ZVI) Tj ETQq1 1 0.784314 rgBT /Over 133416.	8.2	15
4	Electro-dewatering of steel industrial sludge: Performance and metal speciation. Journal of Water Process Engineering, 2022, 46, 102600.	5.6	4
5	The preparation of black titanium oxide nanoarray via coking fluorinated wastewater and application on coking wastewater treatment. Chemosphere, 2021, 270, 128609.	8.2	20
6	Study of the variations in apparent electrical resistivity of activated sludge during the electro-dewatering process. Environmental Research, 2021, 198, 110453.	7.5	5
7	Effects of sludge characteristics on electrical resistance and energy consumption during electro-dewatering process. Journal of Environmental Sciences, 2021, 101, 339-350.	6.1	11
8	Study of Molding and Drying Characteristics of Compressed Municipal Sludge-Corn Stalk Fuel Pellets. Energies, 2021, 14, 3116.	3.1	3
9	Experimental investigations and multi-objective optimization of an air-source absorption heat pump for residential district heating. Energy Conversion and Management, 2021, 240, 114267.	9.2	14
10	Changes of photoelectrocatalytic, electrocatalytic and pollutant degradation properties during the growth of $\text{TiO}_2/\text{PbO}_2$ into black titanium oxide nanoarrays. Chemical Engineering Journal, 2021, 417, 127996.	12.7	11
11	Dewaterability and energy consumption of electro-dewatered sludge near the anode and the cathode during electro-dewatering process. Journal of Environmental Chemical Engineering, 2021, 9, 105729.	6.7	10
12	Electrochemical pretreatment of coking wastewater by $\text{Ti}/\text{BTN}/\text{RuO}_2/\text{IrO}_2/\text{TiO}_2$ : Selectivity of chloridion oxidation and multi-response optimization. Separation and Purification Technology, 2021, 276, 119229.	7.9	5
13	Performance analysis and optimization for a novel air-source gas-fired absorption heat pump. Energy Conversion and Management, 2020, 223, 113423.	9.2	14
14	Performance evaluation and working fluid selection of combined heat pump and power generation system (HP-PGs) using multi-objective optimization. Energy Conversion and Management, 2020, 221, 113164.	9.2	16
15	Investigation on the variations of sludge water holding capacity of electro-dewatering process. Environmental Research, 2020, 190, 110011.	7.5	17
16	Performance analyses and optimization of a reverse Carnot cycle-organic Rankine cycle dual-function system. Energy Conversion and Management, 2020, 212, 112787.	9.2	14
17	Electro-dewatering pretreatment of sludge to improve the bio-drying process. RSC Advances, 2019, 9, 27190-27198.	3.6	11
18	Study on the Basic Performance of Three-phase Fluidized Bed Equipment for Solar Photocatalysis-Membrane Separation. Photochemistry and Photobiology, 2017, 93, 1407-1413.	2.5	0