

# CITATION REPORT

List of articles citing

Evaporation suppression and solar energy collection in a salt-gradient solar pond

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#	Paper	IF	Citations
52	Renewable water: Direct contact membrane distillation coupled with solar ponds. <i>Applied Energy</i> , <b>2015</b> , 158, 532-539	10.7	70
51	Experimental investigation of heat absorption of different solar pond shapes covered with glazing plastic. <i>Solar Energy</i> , <b>2015</b> , 122, 569-578	6.8	26
50	Integrated Pumped Hydro Reverse Osmosis systems. <i>Sustainable Energy Technologies and Assessments</i> , <b>2016</b> , 18, 80-99	4.7	13
49	Tackling the water-energy nexus: an assessment of membrane distillation driven by salt-gradient solar ponds. <i>Clean Technologies and Environmental Policy</i> , <b>2016</b> , 18, 1697-1712	4.3	28
48	Constructal design of salt-gradient solar pond fields. <i>International Journal of Energy Research</i> , <b>2016</b> , 40, 1428-1446	4.5	16
47	A transient model for temperature prediction in a salt-gradient solar pond and the ground beneath it. <i>Energy</i> , <b>2017</b> , 132, 257-268	7.9	16
46	Membrane distillation: Perspectives for sustainable and improved desalination. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 80, 238-259	16.2	241
45	An experimental and numerical study of evaporation reduction in a salt-gradient solar pond using floating discs. <i>Solar Energy</i> , <b>2017</b> , 142, 204-214	6.8	33
44	An analytical estimation of salt concentration in the upper and lower convective zones of a salinity gradient solar pond with either a pond with vertical walls or trapezoidal cross section. <i>Solar Energy</i> , <b>2017</b> , 158, 207-217	6.8	17
43	Numerical investigation of the nanofluid effects on the heat extraction process of solar ponds in the transient step. <i>Solar Energy</i> , <b>2017</b> , 157, 869-879	6.8	39
42	Experimental analysis of the temperature and concentration profiles in a salinity gradient solar pond with, and without a liquid cover to suppress evaporation. <i>Solar Energy</i> , <b>2017</b> , 155, 1354-1365	6.8	16
41	Ground heat storage beneath salt-gradient solar ponds under constant heat demand. <i>Energy</i> , <b>2018</b> , 144, 657-668	7.9	9
40	A review of power generation with thermoelectric system and its alternative with solar ponds. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 799-812	16.2	68
39	Behaviour of a salinity gradient solar pond during two years and the impact of zonal thickness variation on its performance. <i>Applied Thermal Engineering</i> , <b>2018</b> , 130, 1191-1198	5.8	20
38	Evaporation suppression and energy balance of water reservoirs covered with self-assembling floating elements. <i>Hydrology and Earth System Sciences</i> , <b>2018</b> , 22, 4015-4032	5.5	23
37	Novel achievements in the development of solar ponds: A review. <i>Solar Energy</i> , <b>2018</b> , 174, 189-206	6.8	41
36	Use of fiber-optic distributed temperature sensing to investigate erosion of the non-convective zone in salt-gradient solar ponds. <i>Solar Energy</i> , <b>2018</b> , 170, 499-509	6.8	2

35	Thermal Performance of a Salt Gradient Non-Convective Solar Pond in Subtropical Region Climatic Conditions. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 312, 012019	0.3	3
34	Experimental studies on the effect of using phase change material in a salinity-gradient solar pond under a solar simulator. <i>Solar Energy</i> , <b>2019</b> , 186, 335-346	6.8	26
33	Evaporation Suppression From Water Bodies Using Floating Covers: Laboratory Studies of Cover Type, Wind, and Radiation Effects. <i>Water Resources Research</i> , <b>2019</b> , 55, 4839	5.4	14
32	Improvement of salt gradient solar ponds performance using nanoparticles inside the storage layer. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 243-254	3.3	6
31	Renewable Energy-Powered Membrane Systems for Water Desalination. <b>2019</b> , 153-177		2
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29	The effect of floating balls density on evaporation suppression of water reservoirs in the presence of surface flows. <i>Journal of Hydrology</i> , <b>2020</b> , 591, 125323	6	4
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22	A Review of Electric Power Generation from Solar Ponds Using Organic Rankine Cycle and Air Turbine. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 189-200	0.3	0
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20	Evaporation Suppression From Small Reservoirs Using Floating Covers Field Study and Modeling. <i>Water Resources Research</i> , <b>2021</b> , 57, e2020WR028753	5.4	2
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18	Low-grade heat from solar ponds: trends, perspectives, and prospects. <i>International Journal of Ambient Energy</i> , 1-30	2	5

17	Evaporation suppression from open water surface using various floating covers with consideration of water ecology. <i>Journal of Hydrology</i> , <b>2021</b> , 598, 126482	6	5
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15	Effect of continuous and modular floating covers on evaporation losses and microalgal growth. <i>Journal of King Saud University, Engineering Sciences</i> , <b>2021</b> ,	2.2	
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