

List of Publications by Year in descending order

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20
papers

202
citations

1937685

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h-index

1281871

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g-index

20
all docs

20
docs citations

20
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of solar thermal energy for self- and passive control of sedimentation in large reservoirs. International Journal of Energy Research, 2021, 45, 14047-14051.	4.5	0
2	Marangoni Ducts for Energy Harvesting. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	0
3	Pool pressure-retarded osmosis. International Journal of Energy Research, 2020, 44, 7841-7845.	4.5	1
4	Ocean salt basins energy harvesting. Applied Ocean Research, 2020, 98, 102074.	4.1	6
5	Hydro Energy Harvesting by Using Compliant Surfaces: Preliminary Experimental Assessment. Journal of Energy Resources Technology, Transactions of the ASME, 2020, 142, .	2.3	1
6	A first estimate for thermal osmotic long storage. Solar Energy, 2019, 190, 511-514.	6.1	0
7	An estimate for thermal osmotic heat storage using precipitation of common salts. International Journal of Energy Research, 2019, 43, 8925.	4.5	0
8	On the feasibility of ocean brine pool power stations. International Journal of Energy Research, 2019, 43, 9049-9054.	4.5	2
9	The use of compliant surfaces for harvesting energy from water streams. Energy, 2019, 189, 116114.	8.8	4
10	Solar Thermal Panels for Small-Medium Scale Air Cleaners in Major Cities. Journal of Solar Energy Engineering, Transactions of the ASME, 2019, 141, .	1.8	0
11	The extractable hydrokinetic power from an oscillating membrane-based harvester. Theoretical and Applied Mechanics Letters, 2019, 9, 66-70.	2.8	3
12	Hydrokinetic energy conversion using compliant surfaces. International Journal of Energy Research, 2019, 43, 4427-4435.	4.5	0
13	On thermocapillary rings from radioactive particles suspended at the surface of liquids. International Journal of Thermal Sciences, 2019, 141, 14-18.	4.9	2
14	Magnetic Mars dust-removal technology. CEAS Space Journal, 2019, 11, 235-239.	2.3	0
15	Sandbraking. A technique for landing large payloads on Mars using the sands of Phobos. Aerospace Science and Technology, 2019, 85, 409-415.	4.8	6
16	Induced Ring-like Deposits Around Suspended Radioactive Particles by Marangoni Stress and its Possible Use as Detection Technique. Special Publication - Royal Society of Chemistry, 2019, , 1-9.	0.0	0
17	Pressure-Retarded Osmosis Thermosiphon. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	0
18	The brinesiphon: A homolog of the thermosiphon driven by induced salinity and downward heat transfer. Solar Energy, 2017, 153, 454-458.	6.1	3

#	ARTICLE	IF	CITATIONS
19	Use of hydrodynamic cavitation for volatile removal compound. International Journal of Heat and Fluid Flow, 2017, 66, 1-7.	2.4	4
20	Introduction to the DAMADICS actuator FDI benchmark study. Control Engineering Practice, 2006, 14, 577-596.	5.5	170