

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3078138/publications.pdf>

Version: 2024-02-01

20  
papers

202  
citations

1937685

4  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the DAMADICS actuator FDI benchmark study. <i>Control Engineering Practice</i> , 2006, 14, 577-596.	5.5	170
2	Sandbraking. A technique for landing large payloads on Mars using the sands of Phobos. <i>Aerospace Science and Technology</i> , 2019, 85, 409-415.	4.8	6
3	Ocean salt basins energy harvesting. <i>Applied Ocean Research</i> , 2020, 98, 102074.	4.1	6
4	Use of hydrodynamic cavitation for volatile removal compound. <i>International Journal of Heat and Fluid Flow</i> , 2017, 66, 1-7.	2.4	4
5	The use of compliant surfaces for harvesting energy from water streams. <i>Energy</i> , 2019, 189, 116114.	8.8	4
6	The brinesiphon: A homolog of the thermosiphon driven by induced salinity and downward heat transfer. <i>Solar Energy</i> , 2017, 153, 454-458.	6.1	3
7	The extractable hydrokinetic power from an oscillating membrane-based harvester. <i>Theoretical and Applied Mechanics Letters</i> , 2019, 9, 66-70.	2.8	3
8	On the feasibility of ocean brine pool power stations. <i>International Journal of Energy Research</i> , 2019, 43, 9049-9054.	4.5	2
9	On thermocapillary rings from radioactive particles suspended at the surface of liquids. <i>International Journal of Thermal Sciences</i> , 2019, 141, 14-18.	4.9	2
10	Pool pressure-retarded osmosis. <i>International Journal of Energy Research</i> , 2020, 44, 7841-7845.	4.5	1
11	Hydro Energy Harvesting by Using Compliant Surfaces: Preliminary Experimental Assessment. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	2.3	1
12	Pressure-Retarded Osmosis Thermosyphon. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	0
13	A first estimate for thermal osmotic long storage. <i>Solar Energy</i> , 2019, 190, 511-514.	6.1	0
14	An estimate for thermal osmotic heat storage using precipitation of common salts. <i>International Journal of Energy Research</i> , 2019, 43, 8925.	4.5	0
15	Solar Thermal Panels for Small-Medium Scale Air Cleaners in Major Cities. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2019, 141, .	1.8	0
16	Hydrokinetic energy conversion using compliant surfaces. <i>International Journal of Energy Research</i> , 2019, 43, 4427-4435.	4.5	0
17	Magnetic Mars dust-removal technology. <i>CEAS Space Journal</i> , 2019, 11, 235-239.	2.3	0
18	The use of solar thermal energy for self- and passive control of sedimentation in large reservoirs. <i>International Journal of Energy Research</i> , 2021, 45, 14047-14051.	4.5	0

#	ARTICLE	IF	CITATIONS
19	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
20	Marangoni Ducts for Energy Harvesting. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	0