

# T Rajaseenivasan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11136879/publications.pdf>

Version: 2024-02-01

19  
papers

1,519  
citations

393982

19  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance investigation on solar still with circular and square fins in basin with CO <sub>2</sub> mitigation and economic analysis. Desalination, 2016, 380, 66-74.	4.0	135
2	Theoretical and experimental investigation on double basin double slope solar still. Desalination, 2013, 319, 25-32.	4.0	130
3	Recent fresh water augmentation techniques in solar still and HDH desalination – A review. Renewable and Sustainable Energy Reviews, 2018, 82, 629-644.	8.2	123
4	An experimental investigation on a solar still with an integrated flat plate collector. Desalination, 2014, 347, 131-137.	4.0	122
5	Stand alone triple basin solar desalination system with cover cooling and parabolic dish concentrator. Renewable Energy, 2016, 90, 157-165.	4.3	121
6	A review of different methods to enhance the productivity of the multi-effect solar still. Renewable and Sustainable Energy Reviews, 2013, 17, 248-259.	8.2	120
7	Comparative study of double basin and single basin solar stills. Desalination, 2013, 309, 27-31.	4.0	114
8	Comprehensive study on solar air heater with circular and V-type turbulators attached on absorber plate. Energy, 2015, 88, 863-873.	4.5	85
9	Potential of a dual purpose solar collector on humidification dehumidification desalination system. Desalination, 2017, 404, 35-40.	4.0	67
10	Combined probation of bubble column humidification dehumidification desalination system using solar collectors. Energy, 2016, 116, 459-469.	4.5	59
11	Glass basin solar still with integrated preheated water supply – Theoretical and experimental investigation. Desalination, 2016, 398, 214-221.	4.0	55
12	Mathematical and experimental investigation on the influence of basin height variation and stirring of water by solar PV panels in solar still. Desalination, 2017, 415, 67-75.	4.0	55
13	Performance analysis on a solar bubble column humidification dehumidification desalination system. Chemical Engineering Research and Design, 2017, 105, 41-50.	2.7	54
14	An investigation into a laboratory scale bubble column humidification dehumidification desalination system powered by biomass energy. Energy Conversion and Management, 2017, 139, 232-244.	4.4	52
15	An investigation on the performance of sawdust briquette blending with neem powder. AEJ - Alexandria Engineering Journal, 2016, 55, 2833-2838.	3.4	50
16	Experimental investigation on the performance of an impinging jet solar air heater. AEJ - Alexandria Engineering Journal, 2017, 56, 63-69.	3.4	49
17	Energy recovery from a vapour compression refrigeration system using humidification dehumidification desalination. Desalination, 2018, 439, 155-161.	4.0	47
18	Performance and exergy analysis of a double-basin solar still with different materials in basin. Desalination and Water Treatment, 2015, 55, 1786-1794.	1.0	45

#	ARTICLE	IF	CITATIONS
19	A review on flash evaporation desalination. Desalination and Water Treatment, 2016, 57, 13462-13471.	1.0	36