

Alon Lidor

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

71
citations

1684188
5
h-index

1588992
8
g-index

12
all docs

12
docs citations

12
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Operation optimization of an array of receiver-reactors for solar fuel production. AIP Conference Proceedings, 2022, , .	0.4	1
2	High-purity nitrogen production from air by pressure swing adsorption combined with SrFeO ₃ redox chemical looping. Chemical Engineering Journal, 2021, 421, 127734.	12.7	22
3	High performance solar receiver reactor for hydrogen generation. Renewable Energy, 2021, 179, 1217-1232.	8.9	11
4	Parametric investigation of a volumetric solar receiver-reactor. Solar Energy, 2020, 204, 256-269.	6.1	11
5	Novel Propulsion Systems for Micro Aerial Vehicles. Journal of Propulsion and Power, 2019, 35, 243-267.	2.2	3
6	Theoretical analysis of the explosion limits of hydrogen-oxygen mixtures and their stability. Chemical Engineering Science, 2018, 192, 591-602.	3.8	3
7	Theoretical Analysis of the Explosion Limits of Hydrogen-Oxygen System. , 2017, , .		0
8	On the three explosion limits of an H ₂ –O ₂ system and their relationships to ignition delay. International Journal of Hydrogen Energy, 2017, 42, 11976-11979.	7.1	10
9	A new hydrogen-based phase change material open-cycle micro engine. International Journal of Hydrogen Energy, 2017, 42, 14290-14293.	7.1	1
10	A Unified Approach for the Explosion Limits of the Hydrogen-Oxygen System. , 2017, , .		0
11	An Evaluation of a PCM-based power plant for Micro Aerial Vehicles (MAV). , 2015, , .		1
12	Phase-change-materials as energy source for micro aerial vehicles (MAV). Applied Thermal Engineering, 2014, 65, 185-193.	6.0	8