

# Alon Lidor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4177003/publications.pdf>

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