

# Mohamed Ghazy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9331372/publications.pdf>

Version: 2024-02-01

10  
papers

301  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of improving thermal conductivity of the adsorbent on performance of adsorption cooling system. <i>Applied Thermal Engineering</i> , 2017, 110, 695-702.	6.0	63
2	Metal-organic frameworks in cooling and water desalination: Synthesis and application. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111362.	16.4	39
3	Adsorption isotherms and kinetics of activated carbon/Difluoroethane adsorption pair: Theory and experiments. <i>International Journal of Refrigeration</i> , 2016, 70, 196-205.	3.4	38
4	Experimental optimization of the cycle time and switching time of a metal organic framework adsorption desalination cycle. <i>Energy Conversion and Management</i> , 2021, 245, 114558.	9.2	36
5	Adsorption isotherms and kinetics of HFC-404A onto bituminous based granular activated carbon for storage and cooling applications. <i>Applied Thermal Engineering</i> , 2016, 105, 639-645.	6.0	31
6	Experimental investigation of hybrid photovoltaic solar thermal collector (PV/T)-adsorption desalination system in hot weather conditions. <i>Energy</i> , 2022, 254, 124370.	8.8	22
7	Solar powered adsorption desalination system employing CPO-27(Ni). <i>Journal of Energy Storage</i> , 2022, 53, 105174.	8.1	21
8	Performance enhancement of adsorption cooling cycle by pyrolysis of Maxsorb III activated carbon with ammonium carbonate. <i>International Journal of Refrigeration</i> , 2021, 126, 210-221.	3.4	19
9	Maxsorb III/HFC404a as an adsorption pair for renewable energy driven systems. <i>International Journal of Refrigeration</i> , 2020, 120, 12-21.	3.4	17
10	Cooling technologies for enhancing photovoltaic-thermal (PVT) performance: a state of the art. <i>International Journal of Energy and Environmental Engineering</i> , 2022, 13, 1205-1235.	2.5	15