

# Mozaffar Ali Mehrabian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11007049/publications.pdf>

Version: 2024-02-01

8  
papers

103  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	3-D numerical analysis of train-induced flow inside four ventilated underground subway stations and connecting tunnels. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 193, 103974.	3.9	32
2	Numerical analysis of the mirco-particles distribution inside an underground subway system due to train piston effect. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 211, 104533.	3.9	20
3	Thermodynamic analysis of a thermal storage unit under the influence of nano-particles added to the phase change material and/or the working fluid. <i>Heat and Mass Transfer</i> , 2012, 48, 1961-1970.	2.1	14
4	Heat transfer enhancement of a thermal storage unit consisting of a phase change material and nano-particles. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, 043124.	2.0	13
5	Prediction of the power generated by photovoltaic cells fixed on the roof of a moving passenger coach: A case study. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2015, 229, 830-837.	2.0	11
6	Investigation of the effects of different parameters on the generated pressure waves inside the tunnels. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	7
7	Structural properties of water around uncharged and charged carbon nanotubes. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 693-699.	2.7	4
8	A Totally Heat-Driven Refrigeration System Using Low-Temperature Heat Sources for Low-Temperature Applications. <i>International Journal of Air-Conditioning and Refrigeration</i> , 2019, 27, 1950012.	0.7	2