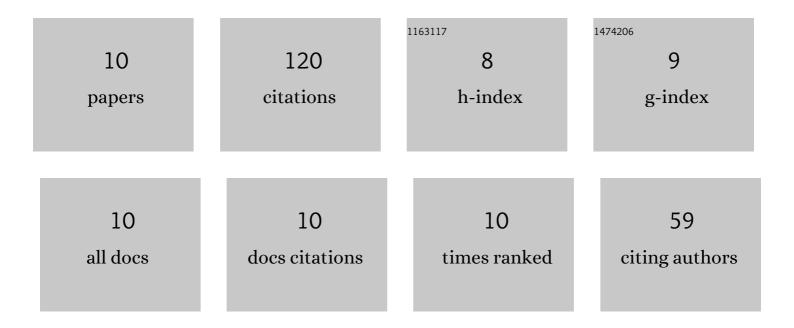
Hamidreza Mortazavy Beni

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5726784/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Biomedical and biophysical limits to mathematical modeling of pulmonary system mechanics: a scoping review on aerosol and drug delivery. Biomechanics and Modeling in Mechanobiology, 2022, 21, 79-87.	2.8	11
2	Mathematical modeling of the solar regenerative heat exchanger under turbulent oscillating flow: Applications of renewable and sustainable energy and artificial heart. Results in Engineering, 2022, 13, 100321.	5.1	12
3	Front Cover: Thermal/fluid characteristics of the inline stacked plainâ€weave screen as solarâ€powered Stirling engine heat regenerators. IET Renewable Power Generation, 2022, 16, .	3.1	2
4	Investigation of the Upper Respiratory Tract of a Male Smoker with Laryngeal Cancer by Inhaling Air Associated with Various Physical Activity Levels. Atmosphere, 2022, 13, 717.	2.3	11
5	SARS-CoV-2 droplet deposition path and its effects on the human upper airway in the oral inhalation. Computer Methods and Programs in Biomedicine, 2021, 200, 105843.	4.7	13
6	Experimental tracking and numerical mapping of novel coronavirus micro-droplet deposition through nasal inhalation in the human respiratory system. Biomechanics and Modeling in Mechanobiology, 2021, 20, 1087-1100.	2.8	14
7	Performance Enhancement of an Achalasia Automatic Detection System Using Ensemble Empirical Mode Decomposition Denoising Method. Journal of Medical and Biological Engineering, 2020, 40, 179-188.	1.8	11
8	In silico investigation of sneezing in a full real human upper airway using computational fluid dynamics method. Computer Methods and Programs in Biomedicine, 2019, 177, 203-209.	4.7	25
9	Study of the sneezing effects on the real human upper airway using fluid–structure interaction method. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	13
10	Thermal/fluid characteristics of the inline stacked plainâ€weave screen as solarâ€powered Stirling engine heat regenerators. IET Renewable Power Generation, 0, , .	3.1	8