

# Hamidreza Mortazavy Beni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5726784/publications.pdf>

Version: 2024-02-01

10  
papers

120  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

59  
citing authors

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