

# Hakim Al Garalleh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9056449/publications.pdf>

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13  
papers

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citations

1937685

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1720034

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docs citations

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46  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study on biofuel produced from cracking of low density poly ethylenes using TiO <sub>2</sub> /AISBA-15 nanocatalysts. <i>Fuel</i> , 2022, 323, 124299.	6.4	5
2	Mathematical model for the encapsulation of Alanine amino acid inside a single-walled carbon nanotube. <i>Adsorption</i> , 2020, 26, 895.	3.0	2
3	Modelling of Paclitaxel Conjugated with Carbon Nanotubes as an Antitumor Agent for Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 224-234.	1.1	10
4	Nanobiotechnology Model Arising from Coronavirus Interacting with the AQP Channels Along the Respiratory Regions and Estimating the Infectivity Rate of the COVID19 Outbreak Based on Temperature and Direct Contact Rate. <i>Nanoscience and Nanotechnology Letters</i> , 2020, 12, 1-15.	0.4	3
5	Modeling of encapsulation of Cystine amino acid inside a single-walled carbon nanotube. <i>Materials Express</i> , 2017, 7, 389-397.	0.5	4
6	Modelling Interaction Between a Methane Molecule and Biological Channels. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3416-3421.	0.4	0
7	Encapsulation of L-Histidine Amino Acid Inside Single-Walled Carbon Nanotubes. <i>Journal of Biomaterials and Tissue Engineering</i> , 2016, 6, 362-369.	0.1	9
8	Interaction of Individual Ions, Ion-Water Clusters with Aquaglyceroporin and Aquaporin-1 Channels. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 1505-1511.	0.4	0
9	Modeling Interactions Between C <sub>60</sub> Antiviral Compounds and HIV Protease. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 184-201.	1.9	9
10	Modelling interaction between ammonia and nitric oxide molecules and aquaporins. <i>Journal of Mathematical Chemistry</i> , 2013, 51, 2020-2032.	1.5	7
11	Modelling carbon dioxide molecule interacting with aquaglyceroporin and aquaporin-1 channels. <i>Journal of Mathematical Chemistry</i> , 2013, 51, 2317-2327.	1.5	1
12	Modelling van der Waals Interaction Between Water Molecules and Biological Channels. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013, 10, 2722-2731.	0.4	3
13	Modelling of ionized and non-ionized carbon nanotubes used as selective nano-platforms for water desalination. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	0