

# 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  
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1937685

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