

# Nasrin Aghamohammadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5775981/publications.pdf>

Version: 2024-02-01

60  
papers

2,945  
citations

279778

23  
h-index

175241

52  
g-index

65  
all docs

65  
docs citations

65  
times ranked

4674  
citing authors

#	ARTICLE	IF	CITATIONS
1	The SARS, MERS and novel coronavirus (COVID-19) epidemics, the newest and biggest global health threats: what lessons have we learned?. <i>International Journal of Epidemiology</i> , 2020, 49, 717-726.	1.9	1,110
2	The impact of COVID-19 on globalization. <i>One Health</i> , 2020, 11, 100180.	3.4	153
3	Impact of regional haze towards air quality in Malaysia: A review. <i>Atmospheric Environment</i> , 2018, 177, 28-44.	4.1	143
4	Application of TOPSIS and VIKOR improved versions in a multi criteria decision analysis to develop an optimized municipal solid waste management model. <i>Journal of Environmental Management</i> , 2016, 166, 109-115.	7.8	141
5	Powdered activated carbon augmented activated sludge process for treatment of semi-aerobic landfill leachate using response surface methodology. <i>Bioresource Technology</i> , 2007, 98, 3570-3578.	9.6	107
6	Modeling of Carbon Dioxide Adsorption onto Ammonia-Modified Activated Carbon: Kinetic Analysis and Breakthrough Behavior. <i>Energy &amp; Fuels</i> , 2015, 29, 6565-6577.	5.1	100
7	Adsorption equilibrium of carbon dioxide on ammonia-modified activated carbon. <i>Chemical Engineering Research and Design</i> , 2015, 104, 42-52.	5.6	90
8	An overview of biological processes and their potential for CO <sub>2</sub> capture. <i>Journal of Environmental Management</i> , 2016, 183, 41-58.	7.8	85
9	Urban heat island experience, control measures and health impact: A survey among working community in the city of Kuala Lumpur. <i>Sustainable Cities and Society</i> , 2017, 35, 660-668.	10.4	83
10	Research on Climate and Dengue in Malaysia: A Systematic Review. <i>Current Environmental Health Reports</i> , 2016, 3, 81-90.	6.7	53
11	Haze and health impacts in ASEAN countries: a systematic review. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2096-2111.	5.3	51
12	Absorption of CO <sub>2</sub> into aqueous mixtures of glycerol and monoethanolamine. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 605-613.	4.4	50
13	A critical review of Urban Heat Island phenomenon in the context of Greater Kuala Lumpur, Malaysia. <i>Sustainable Cities and Society</i> , 2018, 39, 99-113.	10.4	49
14	Density and viscosity of aqueous mixtures of N-methyldiethanolamines (MDEA), piperazine (PZ) and ionic liquids. <i>Journal of Molecular Liquids</i> , 2015, 209, 596-602.	4.9	42
15	Advanced studies of coupled conductive polymer/metal oxide nano wire composite as an efficient supercapacitor by common and fast fourier electrochemical methods. <i>Journal of Molecular Liquids</i> , 2016, 220, 489-494.	4.9	40
16	Holistic recommendations for future outdoor thermal comfort assessment in tropical Southeast Asia: A critical appraisal. <i>Sustainable Cities and Society</i> , 2019, 46, 101428.	10.4	39
17	Shisha Smoking Practices, Use Reasons, Attitudes, Health Effects and Intentions to Quit among Shisha Smokers in Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 726.	2.6	38
18	An Investigation of Sustainable Power Generation from Oil Palm Biomass: A Case Study in Sarawak. <i>Sustainability</i> , 2016, 8, 416.	3.2	37

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19	Polyacrylamide-induced coagulation process removing suspended solids from palm oil mill effluent. <i>Separation Science and Technology</i> , 2017, 52, 520-527.	2.5	34
20	Reasons for Using Electronic Cigarettes and Intentions to Quit Among Electronic Cigarette Users in Malaysia. <i>Journal of Community Health</i> , 2016, 41, 1101-1109.	3.8	33
21	Empirical study on temporal variations of canopy-level Urban Heat Island effect in the tropical city of Greater Kuala Lumpur. <i>Sustainable Cities and Society</i> , 2019, 44, 748-762.	10.4	33
22	Combustion characteristics of biomass in SouthEast Asia. <i>Biomass and Bioenergy</i> , 2011, 35, 3884-3890.	5.7	30
23	Motivations and built environment factors associated with campus walkability in the tropical settings. <i>Science of the Total Environment</i> , 2020, 749, 141457.	8.0	28
24	Environmental heat-related health symptoms among community in a tropical city. <i>Science of the Total Environment</i> , 2021, 782, 146611.	8.0	27
25	Public perception and attitude towards dengue prevention activity and response to dengue early warning in Malaysia. <i>PLoS ONE</i> , 2019, 14, e0212497.	2.5	25
26	COVID-19 Vaccine Hesitancy and Emerging Variants: Evidence from Six Countries. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2021, 11, 148.	2.1	25
27	Modeling Traffic Congestion Based on Air Quality for Greener Environment: An Empirical Study. <i>IEEE Access</i> , 2019, 7, 57100-57119.	4.2	23
28	Outdoor thermal comfort and somatic symptoms among students in a tropical city. <i>Sustainable Cities and Society</i> , 2021, 72, 103015.	10.4	21
29	A qualitative exploration on the awareness and knowledge of stakeholders towards Urban Heat Island phenomenon in Greater Kuala Lumpur: Critical insights for urban policy implications. <i>Habitat International</i> , 2019, 86, 28-37.	5.8	20
30	Correlation and measurement of density and viscosity of aqueous mixtures of glycerol and N-methyldiethanolamine, monoethanolamine, piperazine and ionic liquid. <i>Journal of Molecular Liquids</i> , 2016, 221, 1155-1161.	4.9	19
31	Contributing risk factors towards the prevalence of multidrug-resistant tuberculosis in Malaysia: A systematic review. <i>Tuberculosis</i> , 2020, 122, 101925.	1.9	17
32	Determinants of shisha use among secondary school students in Sudan. <i>BMC Public Health</i> , 2019, 19, 1390.	2.9	16
33	Control Measures and Health Effects of Air Pollution: A Survey among Public Transportation Commuters in Malaysia. <i>Sustainability</i> , 2017, 9, 1616.	3.2	14
34	Physical, Psychological, and Social Health Impact of Temperature Rise Due to Urban Heat Island Phenomenon and Its Associated Factors. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 545-550.	0.2	14
35	Differences in Perceived Severity of Zika Virus Infection and Dengue Fever and its Influence on Mosquito Control Practices in Malaysia. <i>Journal of Community Health</i> , 2017, 42, 854-864.	3.8	13
36	High rate treatment of hospital wastewater using activated sludge process induced by high-frequency ultrasound. <i>Ultrasonics Sonochemistry</i> , 2018, 46, 89-98.	8.2	13

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37	Hydrodynamics and particle mixing/segregation measurements in an industrial gas phase olefin polymerization reactor using image processing technique and CFD-PBM model. Measurement: Journal of the International Measurement Confederation, 2016, 83, 106-122.	5.0	12
38	Dengue Fever: A Worldwide Threat An Overview of the Infection Process, Environmental Factors for a Global Outbreak, Diagnostic Platforms and Vaccine Developments. Current Topics in Medicinal Chemistry, 2018, 18, 1531-1549.	2.1	11
39	Biodiesel Production from Waste Edible Oil with Heterogeneous Catalysts (Nanoclay-Based) Tj ETQq1 1 0.784314 $\frac{rgBT}{Overlock 10}$	3.0	10
40	A qualitative study to explore understanding and perception of sexual abuse among undergraduate students of different ethnicities. Women's Studies International Forum, 2018, 69, 26-32.	1.1	9
41	Using high frequency and low-intensity ultrasound to enhance activated sludge characteristics. Ultrasonics Sonochemistry, 2019, 54, 274-280.	8.2	9
42	A comprehensive bibliometrics of "walkability" research landscape: visualization of the scientific progress and future prospects. Environmental Science and Pollution Research, 2021, 28, 1357-1369.	5.3	9
43	E-Cigarette Users' Attitudes on the Banning of Sales of Nicotine E-Liquid, Its Implication on E-Cigarette Use Behaviours and Alternative Sources of Nicotine E-Liquid. Journal of Community Health, 2017, 42, 1225-1232.	3.8	8
44	Perceived impacts of Urban Heat Island phenomenon in a tropical metropolitan city: Perspectives from stakeholder dialogue sessions. Science of the Total Environment, 2022, 806, 150331.	8.0	8
45	Assessment of Knowledge, Attitudes, and Practices Regarding Dengue among Physicians: A Web-Based Cross-Sectional Survey. Behavioral Sciences (Basel, Switzerland), 2021, 11, 105.	2.1	7
46	Analyzing Predictors of Control Measures and Psychosocial Problems Associated with COVID-19 Pandemic: Evidence from Eight Countries. Behavioral Sciences (Basel, Switzerland), 2021, 11, 106.	2.1	7
47	The Self-Regulation Model of Illness: Comparison between Zika and Dengue and Its Application to Predict Mosquito Prevention Behaviours in Malaysia, a Dengue-Endemic Country. International Journal of Environmental Research and Public Health, 2016, 13, 1210.	2.6	6
48	Climate Change and Air Pollution in Malaysia. Springer Climate, 2018, , 241-254.	0.6	5
49	Determinants of smokeless tobacco use and prevalence among Sudanese adolescents. Archives of Public Health, 2021, 79, 176.	2.4	5
50	MTP validation analysis of scour formulae in an integral abutment bridge. KSCE Journal of Civil Engineering, 2017, 21, 1009-1021.	1.9	4
51	A preliminary insight into the environmental awareness of community in the vicinity of batik manufacturing units in Kelantan, Malaysia. Geo Journal, 2020, 85, 1745-1753.	3.1	4
52	Latest Updates in Dengue Fever Therapeutics: Natural, Marine and Synthetic Drugs. Current Medicinal Chemistry, 2020, 27, 719-744.	2.4	4
53	Process optimization and modeling of lead removal using maleate/PAN nanocomposite nanofibers: characterization, kinetics and isotherm studies. , 0, 210, 330-339.		2
54	A novel design approach for indoor environmental quality based on a multiagent system for intelligent buildings in a smart city: Toward occupant's comfort. Environmental Progress and Sustainable Energy, 2022, 41, .	2.3	2

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55	Awareness, perception and barriers to seeking information from online academic databases and medical journals as sources of information. <i>Informatics for Health and Social Care</i> , 2018, 43, 335-347.	2.6	1
56	Commuting on Public Transport: Health Risks and Responses. , 2019, , .		1
57	Performance Evaluation of Energy Autonomous Sensors for Air Quality Monitoring in Internet of Vehicles. , 2019, , .		1
58	The Association Between E-Cigarette Use Behaviors and Saliva Cotinine Concentration Among Healthy E-Cigarette Users in Malaysia. <i>Journal of Addictions Nursing</i> , 2020, 31, 102-109.	0.4	1
59	Urban Heat Island, Contributing Factors, Public Responses and Mitigation Approaches in the Tropical Context of Malaysia. <i>Advances in 21st Century Human Settlements</i> , 2021, , 107-121.	0.4	1
60	Community Needs Assessment in Relation to Urban Heat Effects: A Study in Greater Kuala Lumpur, Malaysia. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 705-711.	0.2	0