

# Nasrin Aghamohammadi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

1,933

citations

21

h-index

43

g-index

65

ext. papers

2,436

ext. citations

5

avg, IF

5.37

L-index

#	Paper	IF	Citations
58	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> , <b>2020</b> , 49, 717-726	7.8	775
57	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> , <b>2016</b> , 166, 109-15	7.9	93
56	Impact of regional haze towards air quality in Malaysia: A review. <i>Atmospheric Environment</i> , <b>2018</b> , 177, 28-44	5.3	90
55	Powdered activated carbon augmented activated sludge process for treatment of semi-aerobic landfill leachate using response surface methodology. <i>Bioresource Technology</i> , <b>2007</b> , 98, 3570-8	11	88
54	Adsorption equilibrium of carbon dioxide on ammonia-modified activated carbon. <i>Chemical Engineering Research and Design</i> , <b>2015</b> , 104, 42-52	5.5	76
53	Modeling of Carbon Dioxide Adsorption onto Ammonia-Modified Activated Carbon: Kinetic Analysis and Breakthrough Behavior. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 6565-6577	4.1	76
52	The impact of COVID-19 on globalization. <i>One Health</i> , <b>2020</b> , 11, 100180	7.6	71
51	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> , <b>2017</b> , 35, 660-668	10.1	55
50	An overview of biological processes and their potential for CO <sub>2</sub> capture. <i>Journal of Environmental Management</i> , <b>2016</b> , 183, 41-58	7.9	54
49	Absorption of CO <sub>2</sub> into aqueous mixtures of glycerol and monoethanolamine. <i>Journal of Natural Gas Science and Engineering</i> , <b>2016</b> , 35, 605-613	4.6	36
48	Research on Climate and Dengue in Malaysia: A Systematic Review. <i>Current Environmental Health Reports</i> , <b>2016</b> , 3, 81-90	6.5	36
47	A critical review of Urban Heat Island phenomenon in the context of Greater Kuala Lumpur, Malaysia. <i>Sustainable Cities and Society</i> , <b>2018</b> , 39, 99-113	10.1	33
46	An Investigation of Sustainable Power Generation from Oil Palm Biomass: A Case Study in Sarawak. <i>Sustainability</i> , <b>2016</b> , 8, 416	3.6	32
45	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> , <b>2016</b> , 220, 489-494	6	32
44	Density and viscosity of aqueous mixtures of N-methyldiethanolamines (MDEA), piperazine (PZ) and ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 209, 596-602	6	31
43	Polyacrylamide-induced coagulation process removing suspended solids from palm oil mill effluent. <i>Separation Science and Technology</i> , <b>2017</b> , 52, 520-527	2.5	30
42	Haze and health impacts in ASEAN countries: a systematic review. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 2096-2111	5.1	25

41	Combustion characteristics of biomass in SouthEast Asia. <i>Biomass and Bioenergy</i> , <b>2011</b> , 35, 3884-3890	5.3	24
40	Holistic recommendations for future outdoor thermal comfort assessment in tropical Southeast Asia: A critical appraisal. <i>Sustainable Cities and Society</i> , <b>2019</b> , 46, 101428	10.1	23
39	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> , <b>2019</b> , 44, 748-762	10.1	23
38	Reasons for Using Electronic Cigarettes and Intentions to Quit Among Electronic Cigarette Users in Malaysia. <i>Journal of Community Health</i> , <b>2016</b> , 41, 1101-1109	4	21
37	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> , <b>2016</b> , 13,	4.6	17
36	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> , <b>2019</b> , 86, 28-37	4.6	15
35	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> , <b>2016</b> , 221, 1155-1161	6	14
34	Public perception and attitude towards dengue prevention activity and response to dengue early warning in Malaysia. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212497	3.7	13
33	Environmental heat-related health symptoms among community in a tropical city. <i>Science of the Total Environment</i> , <b>2021</b> , 782, 146611	10.2	12
32	Control Measures and Health Effects of Air Pollution: A Survey among Public Transportation Commuters in Malaysia. <i>Sustainability</i> , <b>2017</b> , 9, 1616	3.6	11
31	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> , <b>2018</b> , 31, 545-550	1.1	10
30	COVID-19 Vaccine Hesitancy and Emerging Variants: Evidence from Six Countries. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2021</b> , 11,	2.3	9
29	Modeling Traffic Congestion Based on Air Quality for Greener Environment: An Empirical Study. <i>IEEE Access</i> , <b>2019</b> , 7, 57100-57119	3.5	8
28	High rate treatment of hospital wastewater using activated sludge process induced by high-frequency ultrasound. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 46, 89-98	8.9	8
27	Hydrodynamics and particle mixing/segregation measurements in an industrial gas phase olefin polymerization reactor using image processing technique and CFD-PBM model. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 83, 106-122	4.6	8
26	Motivations and built environment factors associated with campus walkability in the tropical settings. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141457	10.2	8
25	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> , <b>2017</b> , 42, 854-864	4	7
24	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. <i>Journal of Community Health</i> , <b>2017</b> , 42, 1225-1232	4	6

23	Dengue Fever: A Worldwide Threat An Overview of the Infection Process, Environmental Factors for a Global Outbreak, Diagnostic Platforms and Vaccine Developments. <i>Current Topics in Medicinal Chemistry</i> , <b>2018</b> , 18, 1531-1549	3	6
22	Using high frequency and low-intensity ultrasound to enhance activated sludge characteristics. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 54, 274-280	8.9	5
21	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. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	5
20	Contributing risk factors towards the prevalence of multidrug-resistant tuberculosis in Malaysia: A systematic review. <i>Tuberculosis</i> , <b>2020</b> , 122, 101925	2.6	5
19	Outdoor thermal comfort and somatic symptoms among students in a tropical city. <i>Sustainable Cities and Society</i> , <b>2021</b> , 72, 103015	10.1	5
18	Biodiesel Production From Waste Edible Oil with Heterogeneous Catalysts (Nanoclay-Based Nanocatalysts). <i>Arabian Journal for Science and Engineering</i> , <b>2019</b> , 44, 9919-9924	2.5	4
17	Determinants of shisha use among secondary school students in Sudan. <i>BMC Public Health</i> , <b>2019</b> , 19, 1390	4.1	4
16	A qualitative study to explore understanding and perception of sexual abuse among undergraduate students of different ethnicities. <i>Womens Studies International Forum</i> , <b>2018</b> , 69, 26-32	1.6	4
15	Climate Change and Air Pollution in Malaysia. <i>Springer Climate</i> , <b>2018</b> , 241-254	0.3	3
14	MTP validation analysis of scour formulae in an integral abutment bridge. <i>KSCE Journal of Civil Engineering</i> , <b>2017</b> , 21, 1009-1021	1.9	3
13	Analyzing Predictors of Control Measures and Psychosocial Problems Associated with COVID-19 Pandemic: Evidence from Eight Countries. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2021</b> , 11,	2.3	3
12	A preliminary insight into the environmental awareness of community in the vicinity of batik manufacturing units in Kelantan, Malaysia. <i>Geo Journal</i> , <b>2020</b> , 85, 1745-1753	2.2	3
11	A comprehensive bibliometrics of TwalkabilityTresearch landscape: visualization of the scientific progress and future prospects. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 1357-1369	5.1	3
10	The Association Between E-Cigarette Use Behaviors and Saliva Cotinine Concentration Among Healthy E-Cigarette Users in Malaysia. <i>Journal of Addictions Nursing</i> , <b>2020</b> , 31, 102-109	0.7	1
9	Commuting on Public Transport: Health Risks and Responses <b>2019</b> ,		1
8	Latest Updates in Dengue Fever Therapeutics: Natural, Marine and Synthetic Drugs. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 719-744	4.3	1
7	Determinants of smokeless tobacco use and prevalence among Sudanese adolescents. <i>Archives of Public Health</i> , <b>2021</b> , 79, 176	2.6	1
6	Climate-Related Disasters and Health Impact in Malaysia <b>2020</b> , 247-263		1

5	Urban Heat Island, Contributing Factors, Public Responses and Mitigation Approaches in the Tropical Context of Malaysia. <i>Advances in 21st Century Human Settlements</i> , <b>2021</b> , 107-121	0.3	1
4	Assessment of Knowledge, Attitudes, and Practices Regarding Dengue among Physicians: A Web-Based Cross-Sectional Survey. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2021</b> , 11,	2.3	1
3	Perceived impacts of Urban Heat Island phenomenon in a tropical metropolitan city: Perspectives from stakeholder dialogue sessions. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150331	10.2	1
2	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> , <b>2018</b> , 43, 335-347	2.7	0
1	Community Needs Assessment in Relation to Urban Heat Effects: A Study in Greater Kuala Lumpur, Malaysia. <i>Biomedical and Environmental Sciences</i> , <b>2018</b> , 31, 705-711	1.1	