

# Ahmed Al-Mayahi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6664952/publications.pdf>

Version: 2024-02-01

12  
papers

122  
citations

1683354

5  
h-index

1372195

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupational exposure to pesticides and associated health effects among greenhouse farm workers. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22251-22270.	2.7	25
2	Home gardening in Muscat, Oman: Gardeners'™ practices, perceptions and motivations. <i>Urban Forestry and Urban Greening</i> , 2019, 38, 286-294.	2.3	23
3	The role of urbanization in soil and groundwater contamination by heavy metals and pathogenic bacteria: A case study from Oman. <i>Heliyon</i> , 2019, 5, e01771.	1.4	19
4	Exposure assessment to road traffic noise levels and health effects in an arid urban area. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35051-35064.	2.7	18
5	A smart capillary barrier-wick irrigation system for home gardens in arid zones. <i>Irrigation Science</i> , 2020, 38, 235-250.	1.3	14
6	Impact of COVID-19 pandemic on aircraft noise levels, annoyance, and health effects in an urban area in Oman. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23407-23418.	2.7	6
7	Unlined trench as a falling head permeameter: Analytic and HYDRUS2D modeling versus sandbox experiment. <i>Journal of Hydrology</i> , 2020, 583, 124568.	2.3	5
8	Enhancement of infiltration rate of clogged porous beds in the vicinity of dams in arid zones by the roots of indigenous <i>Ziziphus spina</i> trees. <i>Hydrological Processes</i> , 2020, 34, 4226-4238.	1.1	4
9	Impact of a Nature-Inspired Engineered Soil Structure on Microbial Diversity and Community Composition in the Bulk Soil and Rhizosphere of Tomato Grown Under Saline Irrigation Water. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 173-186.	1.7	4
10	Water table rise in arid urban area soils due to evaporation impedance and its mitigation by intelligently designed capillary chimney siphons. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	4
11	Triangular Ditch of Fastest Infiltration into Porous Substratum. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2021, 147, .	0.6	0
12	Characterization and exposure assessment to urban air toxics across Middle Eastern and North African countries: a review. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 529.	1.3	0