

# Muhammad Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7860989/publications.pdf>

Version: 2024-02-01

18  
papers

913  
citations

686830

13  
h-index

996533

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical, mechanical and durability properties of soil building blocks reinforced with natural fibres. <i>Construction and Building Materials</i> , 2015, 101, 797-809.	3.2	146
2	Gastroenterology services in the UK. The burden of disease, and the organisation and delivery of services for gastrointestinal and liver disorders: a review of the evidence. <i>Gut</i> , 2007, 56, 1-113.	6.1	120
3	Effect of fibre aspect ratio on mechanical properties of soil building blocks. <i>Construction and Building Materials</i> , 2015, 83, 314-319.	3.2	106
4	Optimal Design of Water Distribution Systems Using Genetic Algorithms. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2000, 15, 374-382.	6.3	94
5	Pipe Index Vector: A Method to Improve Genetic-Algorithm-Based Pipe Optimization. <i>Journal of Hydraulic Engineering</i> , 2005, 131, 1117-1125.	0.7	75
6	Direct detection of saponins in crude extracts of soapnuts by FTIR. <i>Natural Product Research</i> , 2015, 29, 1271-1275.	1.0	72
7	Performance characteristics of enhanced soil blocks: a quantitative review. <i>Building Research and Information</i> , 2015, 43, 253-262.	2.0	68
8	Evaluating the growth characteristics of lettuce in vermicompost and green waste compost. <i>European Journal of Soil Biology</i> , 2007, 43, S316-S319.	1.4	54
9	Knowledge-Based Optimization Model for Control Valve Locations in Water Distribution Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015, 141, .	1.3	38
10	Mechanisms by which the inclusion of natural fibres enhance the properties of soil blocks for construction. <i>Journal of Composite Materials</i> , 2017, 51, 3835-3845.	1.2	33
11	MALGRA: Machine Learning and N-Gram Malware Feature Extraction and Detection System. <i>Electronics (Switzerland)</i> , 2020, 9, 1777.	1.8	32
12	Evaluating the progress of the UK's Material Recycling Facilities: A mini review. <i>Waste Management and Research</i> , 2014, 32, 1149-1157.	2.2	21
13	Synergistic Efficiency of Zinc Oxide/Montmorillonite Nanocomposites and a New Derived Saponin in Liquid/Liquid/Solid Interface-Included Systems: Application in Nanotechnology-Assisted Enhanced Oil Recovery. <i>ACS Omega</i> , 2022, 7, 24951-24972.	1.6	15
14	Design of Sustainable Water Distribution Systems in Developing Countries. , 2001, , 1.		14
15	An investigation into the influence of geometry on compressed earth building blocks using finite element analysis. <i>Construction and Building Materials</i> , 2021, 273, 121997.	3.2	11
16	Agent-based Vs Agent-less Sandbox for Dynamic Behavioral Analysis. , 2018, , .		7
17	A proactive malicious software identification approach for digital forensic examiners. <i>Journal of Information Security and Applications</i> , 2019, 47, 139-155.	1.8	7
18	Experimental and finite element analysis of hybrid fiber reinforced concrete two-way slabs at ultimate limit state. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	0