

Muhammad Ali

List of Publications by Year in descending order

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