Jackson Muthengia Wachira

List of Publications by Year
in descending order

24	211	1163117 8	1058476 14
papers	citations	h-index	g-index

24	24	24	158
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Immobilizing Bacillus megaterium on the Compressive Strength and Water Absorption of Mortar. Journal of Chemistry, 2022, 2022, 1-12.	1.9	3
2	Effects of Lysinibacillus sphaericus on Physicomechanical and Chemical Performance of OPC Blended with Natural Tuff and Pulverized Fly Ash. Advances in Materials Science and Engineering, 2022, 2022, 1-15.	1.8	0
3	Bioremediation of mortar made from Ordinary Portland Cement degraded by Thiobacillus thioparus using Bacillus flexus. Heliyon, 2021, 7, e07215.	3.2	1
4	A Review on Pyroprocessing Techniques for Selected Wastes Used for Blended Cement Production Applications. Advances in Civil Engineering, 2020, 2020, 1-12.	0.7	0
5	Effect of Bacillus cohnii on Some Physicomechanical and Microstructural Properties of Ordinary Portland Cement. Journal of Chemistry, 2020, 2020, 1-8.	1.9	7
6	Biocementation Influence on Flexural Strength and Chloride Ingress by Lysinibacillus sphaericus and Bacillus megaterium in Mortar Structures. Journal of Chemistry, 2020, 2020, 1-13.	1.9	4
7	Influence of Starkeya novella on Mechanical and Microstructural Properties of Cement Mortars. Journal of Chemistry, 2020, 2020, 1-9.	1.9	5
8	Chloride Ingress in Cement Mortars Exposed to Acidithiobacillus thiooxidans Bacteria. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.8	3
9	Study on the effect of Thiobacillus intermedius bacteria on the physico-mechanical properties of mortars of ordinary portland cement. Heliyon, 2020, 6, e03232.	3.2	12
10	Potential for Selected Kenyan Clay in Production of Limestone Calcined Clay Cement. RILEM Bookseries, 2020, , 19-25.	0.4	1
11	Effect of Sulphate and Chloride Ingress on Selected Cements Mortar Prisms Immersed in Seawater and Leather Industry Effluent. Advances in Civil Engineering, 2019, 2019, 1-16.	0.7	8
12	Chloride Diffusivity in Blended Cement Made from Selected Industrial and Agrowastes. Advances in Materials Science and Engineering, 2019, 2019, 1-7.	1.8	3
13	Formaldehyde Use and Alternative Biobased Binders for Particleboard Formulation: A Review. Journal of Chemistry, 2019, 2019, 1-12.	1.9	17
14	Pyroprocessing and the optimum mix ratio of rice husks, broken bricks and spent bleaching earth to make pozzolanic cement. Heliyon, 2019, 5, e02443.	3.2	13
15	Effects of Chlorides on Corrosion of Simulated Reinforced Blended Cement Mortars. International Journal of Corrosion, 2019, 2019, 1-7.	1.1	7
16	Characterization of Prototype Formulated Particleboards from Agroindustrial Lignocellulose Biomass Bonded with Chemically Modified Cassava Peel Starch. Advances in Materials Science and Engineering, 2019, 2019, 1-15.	1.8	9
17	Influence of Lysinibacillus sphaericus on compressive strength and water sorptivity in microbial cement mortar. Heliyon, 2019, 5, e02881.	3.2	15
18	Physicochemical Performance of Portland-Rice Husk Ash-Calcined Clay-Dried Acetylene Lime Sludge Cement in Sulphate and Chloride Media. Advances in Materials Science and Engineering, 2019, 2019, 1-12.	1.8	7

#	Article	IF	Citations
19	Review of Carbonation Resistance in Hydrated Cement Based Materials. Journal of Chemistry, 2019, 2019, 1-6.	1.9	34
20	Performance of Ground Clay Brick Mortars in Simulated Chloride and Sulphate Media. Journal of Engineering (United States), 2019, 2019, 1-12.	1.0	3
21	Properties of activated blended cement containing high content of calcined clay. Heliyon, 2018, 4, e00742.	3.2	30
22	Chloride Ingress in Chemically Activated Calcined Clay-Based Cement. Journal of Chemistry, 2018, 2018, 1-8.	1.9	16
23	Thermal Resistivity of Chemically Activated Calcined Clays-Based Cements. RILEM Bookseries, 2018, , 327-333.	0.4	12
24	Spent Bleaching Earth as a Pozzolanic Material. Journal of Civil Engineering Research and Practice, 2005, 2, .	0.0	1