

# Jackson Muthengia Wachira

## List of Publications by Year in descending order

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24  
papers

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citations

1163117

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24  
all docs

24  
docs citations

24  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Carbonation Resistance in Hydrated Cement Based Materials. Journal of Chemistry, 2019, 2019, 1-6.	1.9	34
2	Properties of activated blended cement containing high content of calcined clay. Heliyon, 2018, 4, e00742.	3.2	30
3	Formaldehyde Use and Alternative Biobased Binders for Particleboard Formulation: A Review. Journal of Chemistry, 2019, 2019, 1-12.	1.9	17
4	Chloride Ingress in Chemically Activated Calcined Clay-Based Cement. Journal of Chemistry, 2018, 2018, 1-8.	1.9	16
5	Influence of <i>Lysinibacillus sphaericus</i> on compressive strength and water sorptivity in microbial cement mortar. Heliyon, 2019, 5, e02881.	3.2	15
6	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
7	Study on the effect of <i>Thiobacillus intermedius</i> bacteria on the physico-mechanical properties of mortars of ordinary portland cement. Heliyon, 2020, 6, e03232.	3.2	12
8	Thermal Resistivity of Chemically Activated Calcined Clays-Based Cements. RILEM Bookseries, 2018, , 327-333.	0.4	12
9	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
10	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
11	Effects of Chlorides on Corrosion of Simulated Reinforced Blended Cement Mortars. International Journal of Corrosion, 2019, 2019, 1-7.	1.1	7
12	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
13	Effect of <i>Bacillus cohnii</i> on Some Physicomechanical and Microstructural Properties of Ordinary Portland Cement. Journal of Chemistry, 2020, 2020, 1-8.	1.9	7
14	Influence of <i>Starkeya novella</i> on Mechanical and Microstructural Properties of Cement Mortars. Journal of Chemistry, 2020, 2020, 1-9.	1.9	5
15	Biocementation Influence on Flexural Strength and Chloride Ingress by <i>Lysinibacillus sphaericus</i> and <i>Bacillus megaterium</i> in Mortar Structures. Journal of Chemistry, 2020, 2020, 1-13.	1.9	4
16	Chloride Diffusivity in Blended Cement Made from Selected Industrial and Agrowastes. Advances in Materials Science and Engineering, 2019, 2019, 1-7.	1.8	3
17	Chloride Ingress in Cement Mortars Exposed to <i>Acidithiobacillus thiooxidans</i> Bacteria. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.8	3
18	Performance of Ground Clay Brick Mortars in Simulated Chloride and Sulphate Media. Journal of Engineering (United States), 2019, 2019, 1-12.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Effect of Immobilizing Bacillus megaterium on the Compressive Strength and Water Absorption of Mortar. Journal of Chemistry, 2022, 2022, 1-12.	1.9	3
20	Bioremediation of mortar made from Ordinary Portland Cement degraded by Thiobacillus thioparus using Bacillus flexus. Heliyon, 2021, 7, e07215.	3.2	1
21	Spent Bleaching Earth as a Pozzolan Material. Journal of Civil Engineering Research and Practice, 2005, 2, .	0.0	1
22	Potential for Selected Kenyan Clay in Production of Limestone Calcined Clay Cement. RILEM Bookseries, 2020, , 19-25.	0.4	1
23	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
24	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