Jonathan E Oti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5252371/publications.pdf

Version: 2024-02-01

33	871	567281 15	477307 29
papers	citations	h-index	g-index

33	33	33	621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering properties of unfired clay masonry bricks. Engineering Geology, 2009, 107, 130-139.	6.3	172
2	Compressive strength and microstructural analysis of unfired clay masonry bricks. Engineering Geology, 2009, 109, 230-240.	6.3	94
3	Stabilised unfired clay bricks for environmental and sustainable use. Applied Clay Science, 2012, 58, 52-59.	5.2	87
4	Design thermal values for unfired clay bricks. Materials & Design, 2010, 31, 104-112.	5.1	59
5	Challenges in Life Cycle Assessment (LCA) of stabilised clay-based construction materials. Applied Clay Science, 2017, 144, 121-130.	5.2	53
6	Alumina filler waste as clay replacement material for unfired brick production. Engineering Geology, 2013, 163, 68-74.	6.3	48
7	Performance of sodium silicate free geopolymers from metakaolin (MK) and Rice Husk Ash (RHA): Effect on tensile strength and microstructure. Construction and Building Materials, 2018, 189, 307-313.	7.2	43
8	The development of unfired clay building material using Brick Dust Waste and Mercia mudstone clay. Applied Clay Science, 2014, 102, 148-154.	5.2	37
9	Using slag for unfired-clay masonry-bricks. Proceedings of Institution of Civil Engineers: Construction Materials, 2008, 161, 147-155.	1.1	34
10	Using silica fume based activator in sustainable geopolymer binder for building application. Construction and Building Materials, 2021, 275, 122177.	7.2	34
11	Developing unfired stabilised building materials in the UK. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2008, 161, 211-218.	0.7	30
12	Designed non-fired clay mixes for sustainable and low carbon use. Applied Clay Science, 2012, 59-60, 131-139.	5.2	30
13	Mechanical Properties and Microstructure of Fibre-Reinforced Clay Blended with By-Product Cementitious Materials. Geosciences (Switzerland), 2020, 10, 241.	2.2	24
14	Appropriate Use of Lime in the Study of the Physicochemical Behaviour of Stabilised Lateritic Soil under Continuous Water Ingress. Sustainability, 2021, 13, 257.	3.2	19
15	Unfired clay bricks: from laboratory to industrial production. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2009, 162, 229-237.	0.7	15
16	Freezeâ€“thaw of stabilised clay brick. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2010, 163, 129-135.	0.8	12
17	Strength and Swell Performance of High-Sulphate Kaolinite Clay Soil. Sustainability, 2020, 12, 10164.	3.2	10
18	Road Pavement Thickness and Construction Depth Optimization Using Treated and Untreated Artificially-Synthesized Expansive Road Subgrade Materials with Varying Plasticity Index. Materials, 2022, 15, 2773.	2.9	10

#	Article	IF	Citations
19	Impacts of MgO waste:GGBS formulations on the performance of a stabilised natural high sulphate bearing soil. Construction and Building Materials, 2022, 315, 125745.	7.2	9
20	Engineering properties of concrete made with slate waste. Proceedings of Institution of Civil Engineers: Construction Materials, 2010, 163, 131-142.	1.1	8
21	Microstructure and Physical-Mechanical Characteristics of Treated Kaolin-Bentonite Mixture for Application in Compacted Liner Systems. Sustainability, 2021, 13, 1617.	3.2	8
22	Unfired clay masonry bricks incorporating slate waste. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2010, 163, 17-27.	0.8	7
23	Sustainable masonry mortar for brick joint and plaster in the UK. Proceedings of Institution of Civil Engineers: Construction Materials, 2010, 163, 87-96.	1.1	6
24	The Development of Stabilised Clay-Hemp Building Material for Sustainability and Low Carbon Use. Journal of Civil Engineering and Construction, 2020, 9, 205-214.	0.7	6
25	Durability of Concrete Containing PFA-GGBS By-products. Journal of Civil Engineering and Construction, 2020, 9, 165-174.	0.7	5
26	Applications of slate waste material in the UK. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2010, 163, 9-15.	0.8	3
27	Optimization of MgO-GGBS Cementitious Systems Using Thermo-Chemical Approaches. Sustainability, 2021, 13, 9378.	3.2	3
28	The Strength Characterisation of Concrete Made with Alumina Waste Filler. Sustainability, 2020, 12, 10235.	3.2	2
29	Suppression of Sulfate-Induced Expansion with Limeâ€“Silica Fume Blends. Materials, 2022, 15, 2821.	2.9	2
30	Development of stabilised brick and mortar using biomass waste. Proceedings of Institution of Civil Engineers: Construction Materials, 2015, 168, 241-250.	1.1	1
31	Development of stabilised brick and mortar using biomass waste. Proceedings of Institution of Civil Engineers: Construction Materials, 2015, 168, 241-250.	1.1	0
32	Problems Encountered in the Life Cycle Assessment (LCA) of Recycled Materials in Construction. Lecture Notes in Civil Engineering, 2018, , 48-64.	0.4	0
33	Properties of high-density silica fume-based gel and its potential use in high-temperature lubricants and geopolymer binders. Journal of Thermal Analysis and Calorimetry, 2022, 147, 7693-7699.	3.6	0