

Mbey J A

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4080745/publications.pdf>

Version: 2024-02-01

23
papers

698
citations

759190

12
h-index

642715

23
g-index

23
all docs

23
docs citations

23
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of adding alumina-oxide to metakaolin and volcanic ash on geopolymer products: A comparative study. <i>Construction and Building Materials</i> , 2012, 35, 960-969.	7.2	159
2	Cassava starch-kaolin composite film. Effect of clay content and clay modification on film properties. <i>Carbohydrate Polymers</i> , 2012, 88, 213-222.	10.2	105
3	Synthesis of volcanic ash-based geopolymer mortars by fusion method: Effects of adding metakaolin to fused volcanic ash. <i>Ceramics International</i> , 2013, 39, 1613-1621.	4.8	89
4	Synthesis of geopolymers from volcanic ash via the alkaline fusion method: Effect of Al ₂ O ₃ /Na ₂ O molar ratio of soda-volcanic ash. <i>Ceramics International</i> , 2013, 39, 269-276.	4.8	69
5	A comparative study of some kaolinites surface properties. <i>Applied Clay Science</i> , 2019, 172, 135-145.	5.2	41
6	Mineralogical and physicochemical characterization of Ngaye alluvial clays (Northern Cameroon) and assessment of its suitability in ceramic production. <i>Journal of Asian Ceramic Societies</i> , 2015, 3, 50-58.	2.3	39
7	Preliminary study on the use of corn cob as pore forming agent in lightweight clay bricks: Physical and mechanical features. <i>Journal of Building Engineering</i> , 2016, 5, 254-259.	3.4	39
8	An insight on the weakening of the interlayer bonds in a Cameroonian kaolinite through DMSO intercalation. <i>Applied Clay Science</i> , 2013, 83-84, 327-335.	5.2	36
9	Components interactions controlling starch-kaolin composite films properties. <i>Carbohydrate Polymers</i> , 2015, 117, 739-745.	10.2	17
10	Talc as raw material for cementitious products formulation. <i>Journal of Asian Ceramic Societies</i> , 2014, 2, 263-267.	2.3	15
11	Mineralogical and physico-chemical characteristics of Cameroonian smectitic clays after treatment with weakly sulfuric acid. <i>Clay Minerals</i> , 2015, 50, 649-661.	0.6	14
12	Smectite clay from the Sabga deposit (Cameroon): mineralogical and physicochemical properties. <i>Clay Minerals</i> , 2013, 48, 499-512.	0.6	13
13	Mineralogical, physical and mechanical features of ceramic products of the alluvial clastic clays from the Ngog-Lituba region, Southern Cameroon. <i>Journal of Building Engineering</i> , 2016, 5, 151-157.	3.4	13
14	Phosphoric acid activation of volcanic ashes: Influence of the molar ratio $R = (MgO + CaO) / P_2O_5$ on reactivity of volcanic ash and strength of obtained cementitious material. <i>Journal of Building Engineering</i> , 2021, 33, 101879.	3.4	12
15	Mineralogy and preliminary assessment of the potential uses of alluvial clays from Batouri (Eastern-Cameroon). <i>Ceramica</i> , 2019, 65, 407-415.	0.8	10
16	Cassava starch-kaolin composite films. Thermal and mechanical properties related to filler-matrix interactions. <i>Polymer Composites</i> , 2015, 36, 184-191.	4.6	8
17	Talc-based cementitious products: Effect of talc calcination. <i>Journal of Asian Ceramic Societies</i> , 2015, 3, 360-367.	2.3	4
18	DMSO Intercalation in Selected Kaolinites: Influence of the Crystallinity. <i>ChemEngineering</i> , 2020, 4, 66.	2.4	4

#	ARTICLE	IF	CITATIONS
19	Characteristics of Kaolinitic Raw Materials from the Lokoundje River (Kribi, Cameroon) for Ceramic Applications. Applied Sciences (Switzerland), 2021, 11, 6118.	2.5	4
20	The thermal dehydroxylation of kaolinite using thermogravimetric analysis and Controlled rate thermal analysis. Journal of the Cameroon Academy of Sciences, 2021, 16, 235-245.	0.3	3
21	Improved microstructure and free efflorescence geopolymer binders. SN Applied Sciences, 2020, 2, 1.	2.9	2
22	Kaolinite dispersion in cassava starch-based composite films: a photonic microscopy and X-ray tomography study. Journal of Polymer Engineering, 2018, 38, 641-647.	1.4	1
23	DMSO Deintercalation in Kaoliniteâ€“DMSO Intercalate: Influence of Solution Polarity on Removal. Journal of Composites Science, 2021, 5, 97.	3.0	1