GisÃ¨le-Laure Lecomte-Nana

List of Publications by Year
in descending order

23 papers	466 citations	759233 12 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	400 citing authors

#	Article	IF	Citations
1	Kaolin-based geopolymers: Effect of mechanical activation and curing process. Construction and Building Materials, 2013, 42, 105-113.	7.2	74
2	How does Na, K alkali metal concentration change the early age structural characteristic of kaolin-based geopolymers. Ceramics International, 2014, 40, 8953-8962.	4.8	66
3	Mechanical and physical properties of inorganic polymer cement made of iron-rich laterite and lateritic clay: A comparative study. Cement and Concrete Research, 2021, 140, 106320.	11.0	58
4	Reaction kinetics and rheological behaviour of meta-halloysite based geopolymer cured at room temperature: Effect of thermal activation on physicochemical and microstructural properties. Applied Clay Science, 2020, 196, 105773.	5.2	45
5	Probing the Dehydroxylation of Kaolinite and Halloysite by In Situ High Temperature X-ray Diffraction. Minerals (Basel, Switzerland), 2020, 10, 480.	2.0	40
6	A study of the influence of muscovite on the thermal transformations of kaolinite from room temperature up to 1,100ÂÂ°C. Journal of Materials Science, 2007, 42, 8745-8752.	3.7	29
7	Influence of mineralogy and activator type on the rheology behaviour and setting time of laterite based geopolymer paste. Cement and Concrete Composites, 2022, 126, 104345.	10.7	23
8	Influence of iron on the occurrence of primary mullite in kaolin based materials: A semi-quantitative X-ray diffraction study. Journal of the European Ceramic Society, 2013, 33, 669-677.	5.7	22
9	Influence of iron onto the structural reorganization process during the sintering of kaolins. Journal of the European Ceramic Society, 2013, 33, 661-668.	5.7	18
10	Effect of iron phase on the strengthening of lateritic-based â€œgeomimeticâ€•materials. Applied Clay Science, 2012, 70, 14-21.	5.2	17
11	Dispersion of phyllosilicates in aqueous suspensions: Role of the nature and amount of surfactant. Journal of Colloid and Interface Science, 2014, 425, 67-74.	9.4	14
12	Texturation of model clay materials using tape casting and freezing. Ceramics International, 2013, 39, 9047-9053.	4.8	13
13	Interfacial reactions between humic-like substances and lateritic clay: Application to the preparation of â€œgeomimeticâ€•materials. Journal of Colloid and Interface Science, 2014, 434, 208-217.	9.4	9
14	Kaolinite-Magnesite Based Ceramics. Part I: Surface Charge and Rheological Properties Optimization of the Suspensions for the Processing of Cordierite-Mullite Tapes. Minerals (Basel, Switzerland), 2019, 9, 757.	2.0	7
15	Development of Adhesive, Bioactive and Antibacterial Titania Sol-Gel Coating on Titanium Substrate by Dip-Coating Technique. Coatings, 2021, 11, 243.	2.6	6
16	Elaboration de cÃ©ramiques poreuses Ã base de sciure de bois et de deux argiles du Cameroun. Annales De Chimie: Science Des Materiaux, 2010, 35, 1-16.	0.4	6
17	Comparative Properties of Porous Phyllosilicate-Based Ceramics Shaped by Freeze-Tape Casting. Ceramics, 2022, 5, 75-96.	2.6	6
18	A Direct AFM Investigation of the Local Interaction Between a Single Particle and a Growing Ice Front Within Alumina Slurries. Journal of the American Ceramic Society, 2012, 95, 1883-1888.	3.8	4

#	Article	IF	Citations
19	Kaolinite-Magnesite or Kaoliniteâ€“Talc-Based Ceramics. Part II: Microstructure and the Final Properties Related Sintered Tapes. Minerals (Basel, Switzerland), 2020, 10, 1080.	2.0	4
20	Sintering and final properties of kaoliniteâ€magnesite tapes for the manufacture of cordieriteâ€mullite ceramics. International Journal of Applied Ceramic Technology, 2020, 17, 2265-2276.	2.1	3
21	Use of a kaoliniticâ€illitic clay from Central African Republic and an organic waste for the production of porous ceramic materials. International Journal of Ceramic Engineering & Science, 2020, 2, 292-302.	1.2	1
22	Properties of phyllosilicateâ€based porous ceramics shaped by conventional tape casting and freeze tape casting. International Journal of Applied Ceramic Technology, 0, , .	2.1	1
23	Effect of the plant waste onto the properties of use and the microstructure of phyllosilicates based ceramics. International Journal of Applied Ceramic Technology, 2020, 17, 2638-2648.	2.1	0