Mohammed Binhussain

List of Publications by Year
in descending order

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Version: 2024-02-01

46 papers	1,767 citations	623188 14 h-index	454577 30 g-index
46 all docs	46 docs citations	46 times ranked	1421 citing authors

#	Article	IF	Citations
1	Study on solids-to-liquid and alkaline activator ratios on kaolin-based geopolymers. Construction and Building Materials, 2012, 35, 912-922.	3.2	303
2	Fly Ash-based Geopolymer Lightweight Concrete Using Foaming Agent. International Journal of Molecular Sciences, 2012, 13, 7186-7198.	1.8	216
3	The Effect of Curing Temperature on Physical and Chemical Properties of Geopolymers. Physics Procedia, 2011, 22, 286-291.	1.2	146
4	Effect of Curing Profile on Kaolin-based Geopolymers. Physics Procedia, 2011, 22, 305-311.	1.2	141
5	Optimization of solids-to-liquid and alkali activator ratios of calcined kaolin geopolymeric powder. Construction and Building Materials, 2012, 37, 440-451.	3.2	106
6	Kaolin-based geopolymers with various NaOH concentrations. International Journal of Minerals, Metallurgy and Materials, 2013, 20, 313-322.	2.4	84
7	The Relationship of NaOH Molarity, Na₂SiO₃/NaOH Ratio, Fly Ash/Alkaline Activator Ratio, and Curing Temperature to the Strength of Fly Ash-Based Geopolymer. Advanced Materials Research, 0, 328-330, 1475-1482.	0.3	77
8	Palm leave and plastic waste wood composite for out-door structures. Construction and Building Materials, 2013, 47, 1431-1435.	3.2	65
9	Fly Ash Porous Material using Geopolymerization Process for High Temperature Exposure. International Journal of Molecular Sciences, 2012, 13, 4388-4395.	1.8	64
10	Comparison of Geopolymer Fly Ash and Ordinary Portland Cement to the Strength of Concrete. Advanced Science Letters, 2013, 19, 3592-3595.	0.2	58
11	Sintered and glazed glass-ceramics from natural and waste raw materials. Ceramics International, 2014, 40, 3543-3551.	2.3	54
12	Solderability of Sn-0.7Cu/Si3N4 lead-free composite solder on Cu-substrate. Physics Procedia, 2011, 22, 299-304.	1.2	48
13	Influence of Solids-to-liquid and Activator Ratios on Calcined Kaolin Cement Powder. Physics Procedia, 2011, 22, 312-317.	1.2	45
14	Cellular glassâ€“ceramics from a self foaming mixture of glass and basalt scoria. Journal of Non-Crystalline Solids, 2014, 403, 38-46.	1.5	42
15	Mechanical and Microstructural Evaluations of Lightweight Aggregate Geopolymer Concrete before and after Exposed to Elevated Temperatures. Materials, 2013, 6, 4450-4461.	1.3	41
16	Study on Fly Ash Based Geopolymer for Coating Applications. Advanced Materials Research, 0, 686, 227-233.	0.3	36
17	Correlation between Na₂SiO₃/NaOH Ratio and Fly Ash/Alkaline Activator Ratio to the Strength of Geopolymer. Advanced Materials Research, 0, 341-342, 189-193.	0.3	31
18	Application of Clay - Based Geopolymer in Brick Production: A Review. Advanced Materials Research, 0, 626, 878-882.	0.3	26

#	Article	IF	Citations
19	Feasibility of Producing Wood Fibre-Reinforced Geopolymer Composites (WFRGC). Advanced Materials Research, 0, 626, 918-925.	0.3	20
20	Nano Geopolymer for Sustainable Concrete Using Fly Ash Synthesized by High Energy Ball Milling. Applied Mechanics and Materials, 0, 313-314, 169-173.	0.2	20
21	Microstructure Study on Optimization of High Strength Fly Ash Based Geopolymer. Advanced Materials Research, 0, 476-478, 2173-2180.	0.3	19
22	The Effect of Curing Time on the Properties of Fly Ash-Based Geopolymer Bricks. Advanced Materials Research, 2012, 626, 937-941.	0.3	14
23	Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. Advanced Materials Research, 2012, 626, 926-930.	0.3	13
24	Curing Behavior on Kaolin-Based Geopolymers. Advanced Materials Research, 0, 548, 42-47.	0.3	12
25	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. Applied Mechanics and Materials, 0, 679, 20-24.	0.2	12
26	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. Key Engineering Materials, 2015, 660, 9-16.	0.4	11
27	Preparation and characterization of PMMA/stone waste nanocomposites for marmoreal artificial stone industry. Journal of Reinforced Plastics and Composites, 2014, 33, 350-357.	1.6	8
28	Effect of Curing Regimes on Metakaolin Geopolymer Pastes Produced from Geopolymer Powder. Advanced Materials Research, 0, 626, 931-936.	0.3	6
29	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2002, 67, 563-577.	1.4	5
30	Study on Properties and Morphology of Kaolin Based Geopolymer Coating on Clay Substrates. Key Engineering Materials, 0, 594-595, 540-545.	0.4	5
31	Morphology and Properties of Geopolymer Coatings on Glass Fibre-Reinforced Epoxy (GRE) pipe. MATEC Web of Conferences, 2016, 78, 01069.	0.1	5
32	Effect of Mechanical Activation on Kaolin-Based Geopolymers. Advanced Materials Research, 0, 479-481, 357-361.	0.3	4
33	Synthetic White Marble-Like Material Produced from Natural Raw Materials. Arabian Journal for Science and Engineering, 2014, 39, 453-459.	1.1	4
34	Study on Refractory Materials Application Using Geopolymer Processing. Advanced Science Letters, 2013, 19, 221-223.	0.2	4
35	Effect of Solid/Liquid Ratio on Mechanical Properties of Kaolin Coated Teak Wood via Geopolymer Technology. Applied Mechanics and Materials, 0, 754-755, 708-713.	0.2	3
36	Effect of Glass Reinforced Epoxy (GRE) pipe filled with Geopolymer Materials for Piping Application: Compression Properties. MATEC Web of Conferences, 2016, 78, 01066.	0.1	3

#	Article	IF	Citations
37	Adhesion Study of Kaolin and White Clay as Source Materials on Non-Metallic Substrate in Geopolymer Coating. Materials Science Forum, 0, 841, 55-58.	0.3	3
38	Influence of Solidification Process on Calcined Kaolin Geopolymeric Powder. Advanced Materials Research, 0, 479-481, 286-291.	0.3	2
39	Composite thin film materials on the basis of silver nanostructures on polymer matrix by methods of chemical metallization and self-assembling. Applied Physics A: Materials Science and Processing, 2014, 117, 713-718.	1.1	2
40	Properties and Microstructural Characteristic of Kaolin Geopolymer Ceramics with Addition of Ultra High Molecular Weight Polyethylene. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012023.	0.3	2
41	Glass-ceramic proppants from sinter-crystallisation of waste-derived glasses. Advances in Applied Ceramics, 2018, 117, 127-132.	0.6	2
42	Influence of Oxide Molar Ratios on Kaolin Geopolymers. Advanced Science Letters, 2013, 19, 3588-3591.	0.2	2
43	Calcined Kaolin Geopolymeric Powder: Influence of Water-to-Geopolymeric Powder Ratio. Advanced Materials Research, 2012, 548, 48-53.	0.3	1
44	General Properties of Kaolin Geopolymers. Advanced Science Letters, 2013, 19, 153-156.	0.2	1
45	Correlating Composition Design and Properties of Calcined Kaolin Geopolymeric Powder. Advanced Science Letters, 2013, 19, 3671-3674.	0.2	1
46	Properties of Metakaolin Geopolymeric Binder. Advanced Science Letters, 2013, 19, 157-161.	0.2	0