CITATION REPORT List of articles citing

Characterisation of cotton fibre-reinforced geopolymer composites

DOI: 10.1016/j.compositesb.2013.01.013 Composites Part B: Engineering, 2013, 50, 1-6.

Source: https://exaly.com/paper-pdf/55951122/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
143	Thermal and mechanical properties of cotton fabric-reinforced geopolymer composites. 2013 , 48, 6746	-6752	51
142	Effect of fabric orientation on mechanical properties of cotton fabric reinforced geopolymer composites. 2014 , 57, 360-365		59
141	Characterization of Cotton Fabric Reinforced Geopolymer Composites Modified with Portland Cement. 2014 , 155-167		1
140	Utilization of sweet sorghum fiber to reinforce fly ash-based geopolymer. 2014 , 49, 2548-2558		68
139	Potentiality of utilising natural textile materials for engineering composites applications. 2014 , 59, 359	-368	85
138	Synthesis and mechanical properties of cotton fabric reinforced geopolymer composites. <i>Composites Part B: Engineering</i> , 2014 , 60, 36-42	10	99
137	Mechanical and thermal properties of ambient cured cotton fabric-reinforced fly ash-based geopolymer composites. 2014 , 40, 14019-14028		40
136	The effect of organic and inorganic fibres on the mechanical and thermal properties of aluminate activated geopolymers. <i>Composites Part B: Engineering</i> , 2015 , 76, 218-228	10	84
135	Innovative applications of inorganic polymers (geopolymers). 2015 , 777-805		7
134	Tensile and fatigue characterisation of textile cotton waste/polypropylene laminates. <i>Composites Part B: Engineering</i> , 2015 , 81, 84-90	10	23
133	Experimental modelling of chemically graded geopolymer under flexure: load application perpendicular to the graded region. 2015 , 5, 65030-65041		
132	Assessing the production of jet mix columns using alkali activated waste based on mechanical and financial performance and CO 2 (eq) emissions. 2015 , 102, 447-460		35
131	FEA modelling of fracture toughness of steel fibre-reinforced geopolymer composites. 2015 , 76, 215-22	22	29
130	Deflection hardening behaviour of jute strands reinforced lightweight cementitious composite. <i>Construction and Building Materials</i> , 2015 , 96, 102-111	6.7	12
129	The Effect of Temperature on the Structure of Cotton Carbon Fiber by Chemical Vapor Deposition. 2015 , 781, 671-674		
128	Lightweight Building Materials of Geopolymer Reinforced Wood Particles Aggregate 🛭 Review. 2015 , 802, 220-224		6
127	A short review on basalt fiber reinforced polymer composites. <i>Composites Part B: Engineering</i> , 2015 , 73, 166-180	10	475

(2017-2015)

126	Flexural strength of plain and fibre-reinforced boroaluminosilicate geopolymer. <i>Construction and Building Materials</i> , 2015 , 76, 207-213	6.7	31
125	Physico-chemical characterization of thermally treated bentonite. <i>Composites Part B: Engineering</i> , 2015 , 68, 436-445	10	31
124	LIGHTWEIGHT GEOPOLYMER WOOD COMPOSITE SYNTHESIZED FROM ALKALI-ACTIVATED FLY ASH AND METAKAOLIN. 2016 , 78,		5
123	Characterizations of flax fabric reinforced nanoclay-geopolymer composites. <i>Composites Part B: Engineering</i> , 2016 , 95, 412-422	10	50
122	A review of recent research on the use of cellulosic fibres, their fibre fabric reinforced cementitious, geo-polymer and polymer composites in civil engineering. <i>Composites Part B: Engineering</i> , 2016 , 92, 94-132	10	304
121	Microstructure and compressive properties of silicon carbide reinforced geopolymer. <i>Composites Part B: Engineering</i> , 2016 , 105, 93-100	10	25
120	Mechanical properties of geopolymer concrete containing polyvinyl alcohol fiber exposed to high temperature. <i>Construction and Building Materials</i> , 2016 , 126, 381-387	6.7	43
119	Geopolymers as potential new binder class for the wood based composite industry. 2016 , 70, 755-761		11
118	Fabrication, mechanical performance and tribological behaviors of polyacetal-fiber-reinforced metakaolin-based geopolymeric composites. 2016 , 42, 6329-6341		12
117	Matrix design of strain hardening fiber reinforced engineered geopolymer composite. <i>Composites Part B: Engineering</i> , 2016 , 89, 253-265	10	71
116	Investigations on Drilling of Bidirectional Cotton Polyester Composite. 2016, 31, 960-968		24
115	Effects of high-temperature heat treatment on the microstructure and mechanical performance of hybrid Cf-SiCf-(Al2O3p) reinforced geopolymer composites. <i>Composites Part B: Engineering</i> , 2017 , 114, 289-298	10	17
114	Effect of nanoclay on durability and mechanical properties of flax fabric reinforced geopolymer composites. 2017 , 5, 62-70		44
113	Flexural behavior of geopolymer composites reinforced with steel and polypropylene macro fibers. 2017 , 80, 31-40		115
112	Fabrication, microstructural and mechanical characterization of Luffa Cylindrical Fibre - Reinforced geopolymer composite. 2017 , 143, 125-133		49
111	The microstructural and mechanical properties of geopolymer composites containing glass microfibres. 2017 , 43, 4576-4582		33
110	Effective mechanical reinforcement of inorganic polymers using glass fibre waste. 2017 , 166, 343-349		31
109	Effect of glass microfibre addition on the mechanical performances of fly ash-based geopolymer composites. 2017 , 5, 334-340		24

108	Effect of Oil Palm Fiber Content on the Physical and Mechanical Properties and Microstructure of High-Calcium Fly Ash Geopolymer Paste. 2018 , 43, 5215-5224	9
107	Influence of fiber inclination angle on bond-slip behavior of different alkali-activated composites under dynamic and quasi-static loadings. 2018 , 107, 236-246	15
106	Mechanical Properties of Raffia Fibres Reinforced Geopolymer Composites. 2018, 135-144	7
105	Mechanical properties of ambient cured high strength hybrid steel and synthetic fibers reinforced geopolymer composites. 2018 , 85, 133-152	59
104	Hemp reinforcement in lightweight geopolymers. 2018 , 52, 2313-2320	10
103	Flexural performance and toughness of hybrid steel and polypropylene fibre reinforced geopolymer. <i>Construction and Building Materials</i> , 2018 , 161, 37-44	75
102	The mechanical properties of flax and hemp fibres reinforced geopolymer composites. 2018 , 379, 012023	20
101	Natural Fibers and Biopolymers Characterization: A Future Potential Composite Material. 2018 , 68, 33-50	43
100	Effects of carbon fiber on mechanical and electrical properties of fly ash geopolymer composite. 2018 , 5, 14017-14025	14
99	Mechanical Performance of Glass-Based Geopolymer Matrix Composites Reinforced with Cellulose Fibers. <i>Materials</i> , 2018 , 11,	5
98	Preparation and Performances of Geopolymer-Based Plant Fiber Composites. 2018, 281, 266-271	1
97	Mechanical and flexural performance of synthetic fibre reinforced geopolymer concrete. Construction and Building Materials, 2018 , 186, 454-475 6.7	77
96	Optimization of metakaolin-based geopolymer reinforced with sisal fibers using response surface methology. 2019 , 139, 111551	15
95	How environmentally sustainable are fibre reinforced alkali-activated concretes?. 2019 , 236, 117601	42
94	Material Utilization of Cotton Post-Harvest Line Residues in Polymeric Composites. <i>Polymers</i> , 2019 , 11,	8
93	Experimental physical properties of an eco-friendly bio-insulation material based on wheat straw for buildings. 2019 , 201, 19-36	25
92	Iron-rich laterite-bagasse fibers based geopolymer composite: Mechanical, durability and insulating properties. 2019 , 183, 105333	42
91	Assessment of chemical and mechanical behavior of bamboo pulp and nanofibrillated cellulose exposed to alkaline environments. 2019 , 26, 9269-9285	7

(2020-2019)

90	Characterization of Mechanical Properties of Epoxy Reinforced with Glass Fiber and Coconut Fiber. 2019 , 16, 661-667		3
89	Self-healing of Engineered Geopolymer Composites prepared by fly ash and metakaolin. 2019 , 125, 105	895	28
88	Influence of Nano Silica Particles on Durability of Flax Fabric Reinforced Geopolymer Composites. <i>Materials</i> , 2019 , 12,	3.5	22
87	Experimental study of the microstructural and mechanical properties of geopolymer paste with nano material (Al2O3). <i>Journal of Building Engineering</i> , 2019 , 25, 100788	5.2	24
86	Mechanical properties of composites based on geopolymers reinforced with sizal. 2019 , 706, 012007		
85	Effect of Nanosilica on Mechanical Properties and Microstructure of PVA Fiber-Reinforced Geopolymer Composite (PVA-FRGC). <i>Materials</i> , 2019 , 12,	3.5	16
84	Review of the main factors controlling the fracture toughness and impact strength properties of natural composites. 2019 , 6, 022001		18
83	Natural fibers as reinforcement additives for geopolymers [A review of potential eco-friendly applications to the construction industry. 2020 , 23, e00132		45
82	Fiber-reinforced geopolymer composites: A review. 2020 , 107, 103498		141
81	Discontinuous micro-fibers as intrinsic reinforcement for ductile Engineered Cementitious Composites (ECC). <i>Composites Part B: Engineering</i> , 2020 , 184, 107741	10	69
80	Sulfate resistance of hybrid fiber reinforced metakaolin geopolymer composites. <i>Composites Part B: Engineering</i> , 2020 , 183, 107689	10	47
79	Determining concrete fracture parameters using three-point bending beams with various specimen spans. 2020 , 107, 102465		15
78	Physical and mechanical properties of hemp fibre reinforced alkali-activated fly ash and fly ash/slag mortars. <i>Construction and Building Materials</i> , 2020 , 259, 119677	6.7	20
77	Performance of fibre reinforced alkali-activated composites 🖪 review. 2020 , 12, 100782		33
76	Flexural Properties and Microstructure Mechanisms of Renewable Coir-Fiber-Reinforced Magnesium Phosphate Cement-Based Composite Considering Curing Ages. <i>Polymers</i> , 2020 , 12,	4.5	7
75	Research on a Composite Biomass Insulation Material with Geopolymers as Binders and Forestry Waste as Fillers. 2020 , 1		5
74	Development of an electroconductive carbon fiber/circulating fluidized bed fly ash based-geopolymer composite for high-efficiency treatment of dye wastewater. 2020 , 565, 1-11		2
73	Experimental and numerical study on mechanical behavior and resistance to natural weathering of sugarcane leave reinforced polymer composite. <i>Construction and Building Materials</i> , 2020 , 262, 120785	6.7	11

72	Surface Modification of Cured Inorganic Foams with Cationic Cellulose Nanocrystals and Their Use as Reactive Filter Media for Anionic Dye Removal. 2020 , 12, 27745-27757		15
71	Optimization of a reinforced geopolymer composite using natural fibers and construction wastes. <i>Construction and Building Materials</i> , 2020 , 258, 119697	6.7	29
70	Determination of the Bond Strength of Wood Veneer and Geopolymer Matrix by Means of a Pull-Out Test. 2020 , 981, 162-168		О
69	Synthesis and characterization of self-healing geopolymer composite. <i>Construction and Building Materials</i> , 2020 , 245, 118432	6.7	13
68	Natural fiber reinforced high calcium fly ash geopolymer mortar. <i>Construction and Building Materials</i> , 2020 , 241, 118143	6.7	47
67	Fracture response of fiber-reinforced sodium carbonate activated slag mortars. <i>Construction and Building Materials</i> , 2020 , 241, 118128	6.7	14
66	Sustainable geopolymer composites reinforced with flax tows. 2020 , 46, 12870-12875		16
65	Experimental research on an innovative sawdust biomass-based insulation material for buildings. 2020 , 260, 121029		19
64	Mechanical Properties of Wood Fiber Reinforced Geopolymer Composites with Sand Addition. 2021 , 18, 285-296		34
63	Background. 2021 , 1-40		
62	Microstructural Evaluation of Fibre-Reinforced Slag-Based Foams. RILEM Bookseries, 2021, 329-341	0.5	
61	Investigating the suitability of fly ash/metakaolin-based geopolymers reinforced with South African alien invasive wood and sugarcane bagasse residues for use in outdoor conditions. 2021 , 79, 611-627		5
60	Fiber composites of inorganic polymers (geopolymers) reinforced with natural fibers. 2021, 117-147		О
59	Mechanical Properties. 2021 , 87-146		
58	Effect of Coconut Fiber Dosage on Flexural Performances of Magnesium Phosphate Cement. 2021 , 8,		
57	Cotton Wastes Functionalized Biomaterials from Micro to Nano: A Cleaner Approach for a Sustainable Environmental Application. <i>Polymers</i> , 2021 , 13,	4.5	6
56	The Influence of Different Natural Cibers on the Machanical Bronesties of Connellymes 221, 142, 140		
	The Influence of Different Natural Fibers on the Mechanical Properties of Geopolymer. 881, 143-148		

54	Ecofriendly geopolymer concrete: a comprehensive review. 2021 , 23, 1701-1713		13
53	Effect of the state of conservation of the hemp used in geopolymer and hydraulic lime concretes. <i>Construction and Building Materials</i> , 2021 , 285, 122853	6.7	7
52	A review on Borassus flabellifer lignocellulose fiber reinforced polymer composites. 2021 , 262, 117929		5
51	Mechanical and thermal properties of wood fiber reinforced geopolymer composites. 1-16		14
50	The Effects of Nanosilica on Mechanical Properties and Fracture Toughness of Geopolymer Cement. <i>Polymers</i> , 2021 , 13,	4.5	5
49	Recycling the waste dolomite powder with excellent consolidation properties: Sample synthesis, mechanical evaluation, and consolidation mechanism analysis. <i>Construction and Building Materials</i> , 2021 , 290, 123198	6.7	7
48	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers</i> , 2021 , 13,	4.5	18
47	Preparation and characterization of Cf/Pollucite composites through geopolymer precursors. 2021 , 47, 31713-31723		O
46	High-flexural-strength of geopolymer composites with self-assembled nanofiber networks. 2021 , 47, 31389-31398		O
45	Impact of fiber reinforcements on properties of geopolymer composites: A review. <i>Journal of Building Engineering</i> , 2021 , 44, 102628	5.2	15
45		5.2	15
	Building Engineering, 2021 , 44, 102628	5.2 0.4	
44	Building Engineering, 2021, 44, 102628 A review on developments of environmentally friendly geopolymer technology. 2021, 20, 101212		
44	A review on developments of environmentally friendly geopolymer technology. 2021 , 20, 101212 Cementitious Composites Reinforced with Natural Fibres. <i>Research for Development</i> , 2017 , 197-331 A Multifunctional Mineral Binder for Plywood Production: The Effect of Manufacturing Parameters	0.4	12
44 43 42	A review on developments of environmentally friendly geopolymer technology. 2021, 20, 101212 Cementitious Composites Reinforced with Natural Fibres. Research for Development, 2017, 197-331 A Multifunctional Mineral Binder for Plywood Production: The Effect of Manufacturing Parameters on Bonding Quality. Materials, 2020, 13, The overview of mechanical properties of short natural fiber reinforced geopolymer composites.	0.4	3 3
44 43 42 41	A review on developments of environmentally friendly geopolymer technology. 2021, 20, 101212 Cementitious Composites Reinforced with Natural Fibres. Research for Development, 2017, 197-331 A Multifunctional Mineral Binder for Plywood Production: The Effect of Manufacturing Parameters on Bonding Quality. Materials, 2020, 13, The overview of mechanical properties of short natural fiber reinforced geopolymer composites. Environmental Research and Technology, 2020, 3, 21-32 Influence of Polypropylene and Glass Fibers on Alkali- Activated Slag/Fly Ash Concrete. ACI	0.4 3.5 0.8	12 3 3
44 43 42 41 40	A review on developments of environmentally friendly geopolymer technology. 2021, 20, 101212 Cementitious Composites Reinforced with Natural Fibres. Research for Development, 2017, 197-331 A Multifunctional Mineral Binder for Plywood Production: The Effect of Manufacturing Parameters on Bonding Quality. Materials, 2020, 13, The overview of mechanical properties of short natural fiber reinforced geopolymer composites. Environmental Research and Technology, 2020, 3, 21-32 Influence of Polypropylene and Glass Fibers on Alkali- Activated Slag/Fly Ash Concrete. ACI Structural Journal, 2020, 117, The Fly-Ash Based Geopolymer Composites as an Innovative Material for Circular. MATEC Web of	0.4 3.5 0.8	12 3 3 15

36	Fiber-reinforced alkali-activated concrete: A review. <i>Journal of Building Engineering</i> , 2022 , 45, 103638	5.2	16
35	Experimental study of the mechanical properties and microstructure of geopolymer paste containing nano-silica from agricultural waste and crystalline admixtures. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00792	2.7	3
34	Fracture Behavior of Long Fiber Reinforced Geopolymer Composites at Different Operating Temperatures <i>Materials</i> , 2022 , 15,	3.5	4
33	A Low Thermal Conductivity of Lightweight Laterite-cement Composites with Cotton Wastes Fibres. <i>Silicon</i> , 1	2.4	2
32	A review on Lantana camara lignocellulose fiber-reinforced polymer composites. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	1
31	Physical, Mechanical and Hygroscopic Behaviour of Compressed Earth Blocks Stabilized with Cement and Reinforced with Bamboo Fibres. <i>International Journal of Engineering Research in Africa</i> , 59, 29-41	0.7	1
30	Effect of carbon nanotubes on mechanical properties of polyamide 12 parts by fused filament fabrication. <i>Polymer</i> , 2022 , 247, 124784	3.9	0
29	A state-of-the-art review on fibre-reinforced geopolymer composites. <i>Construction and Building Materials</i> , 2022 , 330, 127187	6.7	5
28	Effect of Metakaolin on Mechanical Properties and Flexural Behavior of Geopolymer-Reinforced Concrete Beams. <i>Practice Periodical on Structural Design and Construction</i> , 2022 , 27,	1.2	
27	Reuse of Industrial Metal Wastes as Partial Replacement of Aggregates in Mortar Production. DIMF Milendislik Dergisi, 875-880	0.1	O
26	Characterization of sustainable natural fiber reinforced geopolymer composites. <i>Polymer Composites</i> ,	3	1
25	Cotton fibers, their composites and applications. 2022 , 379-390		1
24	The Influence of Accelerated Carbonation on Physical and Mechanical Properties of Hemp-Fibre-Reinforced Alkali-Activated Fly Ash and Fly Ash/Slag Mortars <i>Polymers</i> , 2022 , 14,	4.5	0
23	Mechanical Response of Geopolymer Foams to HeatingManaging Coal Gangue in Fire-Resistant Materials Technology. <i>Energies</i> , 2022 , 15, 3363	3.1	2
22	High flexural strength lightweight fly ash geopolymer mortar containing waste B er cement. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01121	2.7	0
21	A review on basalt fibre reinforced polymeric composite materials. <i>AIP Conference Proceedings</i> , 2022 ,	Ο	5
20	An Investigation of the Ground Walnut Shells[Addition Effect on the Properties of the Fly Ash-Based Geopolymer. <i>Materials</i> , 2022 , 15, 3936	3.5	О
19	Effect of Coir Fiber Reinforcement on Properties of Metakaolin-Based Geopolymer Composite. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5478	2.6	1

18	Exploration of solid waste materials for sustainable manufacturing of cementitious composites. Environmental Science and Pollution Research,	5.1
17	Effect of microstructural characteristics of lightweight aggregate concrete on fracture parameters of three-point bending notched beams. 2022 , 103545	O
16	Degradation Kinetics and Durability Enhancement Strategies of Cellulosic Fiber-Reinforced Geopolymers and Cement Composites. 2022 , 2022, 1-22	1
15	Elevated Temperature Properties of Bamboo Shaving Reinforced Geopolymer Composites. 2023 , 11, 27-40	Ο
14	Study of Mechanical Behavior of Geopolymeric Mortars Reinforced with Ichu Fibers. 931, 167-174	0
13	Mechanical Properties and Fracture Parameters of Geopolymers based on Cellulose Nanocrystals from Typha sp. Fibers. 2022 , e01498	Ο
12	Effect of rice straw powder on properties of one-part alkali-activated slag. 8,	Ο
11	The Mechanical Properties of Plant Fiber-Reinforced Geopolymers: A Review. 2022 , 14, 4134	2
10	Mechanical Properties of Geopolymer Concrete Reinforced with Various Fibers: A Review. 2023 , 139-150	5 0
9	A review on cotton fibre-reinforced polymer composites and their applications. 146442072211438	1
8	Experimental evaluation and statistical modeling of kenaf fiber-reinforced geopolymer concrete. 2023 , 367, 130228	1
7	Composites derived from biodegradable Textile wastes: A pathway to the future. 2023 , 333-351	Ο
6	Natural fibers as an alternative to synthetic fibers in the reinforcement of phosphate sludge-based geopolymer mortar. 2023 , 67, 105947	0
5	A state of the art on effect of alkali activator, precursor, and fibers on properties of geopolymer composites. 2023 , 18, e01891	O
4	Preparation, Characteristics, and Application of Biopolymer Materials Reinforced with Lignocellulosic Fibres. 2023 , 2023, 1-22	0
3	Development and optimization of phosphogypsum-based geopolymer cement. 2023 , 369, 130577	O
2	Review on the Hybridized Application of Natural Fiber in the Development of Geopolymer Concrete. 2023 , 20,	0
1	Properties Exhibited by Nanomaterial Based Geopolymers: A Review.	O