

Pallapothu Swamy Naga Ratna Giri

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

668
citations

471061

17
h-index

580395

25
g-index

34
all docs

34
docs citations

34
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of graphene oxide on microstructure and strengthened properties of fly ash and silica fume based cement composites. Construction and Building Materials, 2019, 229, 116863.	3.2	77
2	Effect of self curing chemicals in self compacting mortars. Construction and Building Materials, 2016, 107, 356-364.	3.2	51
3	Investigation on Performance Enhancement of Fly ash-GGBFS Based Graphene Geopolymer Concrete. Journal of Building Engineering, 2020, 32, 101659.	1.6	35
4	Red mud as an additive in concrete: comprehensive characterization. Journal of the Korean Ceramic Society, 2020, 57, 281-289.	1.1	34
5	Performance studies on rate of self healing in bio concrete. Materials Today: Proceedings, 2020, 27, 158-162.	0.9	30
6	Paraffin wax as an internal curing agent in ordinary concrete. Magazine of Concrete Research, 2015, 67, 82-88.	0.9	29
7	Role of coconut coir fiber in concrete. Materials Today: Proceedings, 2020, 27, 1104-1110.	0.9	29
8	Influence of slag on mechanical and durability properties of fly ash-based geopolymer concrete. Journal of the Korean Ceramic Society, 2020, 57, 530-545.	1.1	28
9	Influence of activator solution on microstructural and mechanical properties of geopolymer concrete. Materialia, 2020, 10, 100659.	1.3	26
10	Comprehensive microbiological studies on screening bacteria for self-healing concrete. Materialia, 2021, 15, 101051.	1.3	26
11	Influence of various nano-size materials on fresh and hardened state of fast setting high early strength concrete [FSHESC]: A state-of-the-art review. Construction and Building Materials, 2021, 277, 122299.	3.2	25
12	A State of the Art on Red Mud as a Substitutional Cementitious Material. Annales De Chimie: Science Des Materiaux, 2019, 43, 99-103.	0.2	24
13	Experimental investigation of strength, durability, and microstructure of red-mud concrete. Journal of the Korean Ceramic Society, 2020, 57, 167-174.	1.1	23
14	Workability, microstructure, strength properties and durability properties of graphene oxide reinforced cement paste. Australian Journal of Civil Engineering, 2020, 18, 73-81.	0.6	21
15	Investigation on modulus of elasticity of fly ash-ground granulated blast furnace slag blended geopolymer concrete. Materials Today: Proceedings, 2020, 27, 718-723.	0.9	20
16	Performance and microstructure characteristics of self-curing self-compacting concrete.	0.7	19
17	Mix Design and Mechanical Properties of Fly Ash and GGBFS-Synthesized Alkali-Activated Concrete (AAC). Infrastructures, 2019, 4, 20.	1.4	18
18	Comparison of mechanical and durability properties of treated and untreated red mud concrete. Materials Today: Proceedings, 2020, 27, 284-287.	0.9	18

#	ARTICLE	IF	CITATIONS
19	Role of red mud as a cementing material in concrete: a comprehensive study on durability behavior. Innovative Infrastructure Solutions, 2021, 6, 1.	1.1	18
20	Influence of paraffin wax as a self-curing compound in self-compacting concretes. Advances in Cement Research, 2016, 28, 110-120.	0.7	17
21	Hydrophilic and hydrophobic chemicals as self curing agents in self compacting concrete. Journal of Building Engineering, 2020, 28, 101008.	1.6	17
22	Empirical Relationships on Mechanical Properties of Class-F Fly Ash and GGBS Based Geopolymer Concrete. Annales De Chimie: Science Des Materiaux, 2019, 43, 189-197.	0.2	14
23	Development of mix proportions of geopolymer lightweight aggregate concrete with LECA. Materials Today: Proceedings, 2020, 27, 958-962.	0.9	12
24	Characteristic Evaluation of Geopolymer Concrete for the Development of Road Network: Sustainable Infrastructure. Innovative Infrastructure Solutions, 2020, 5, 1.	1.1	10
25	Microstructural characterization of fly ash based geopolymer. Materials Today: Proceedings, 2020, 27, 1625-1629.	0.9	10
26	Performance evaluation of self-compacting concrete containing fly ash, silica fume and nano titanium oxide. Materials Today: Proceedings, 2021, 43, 2348-2354.	0.9	8
27	Evaluation of Mechanical Parameters of Bacterial Concrete. Annales De Chimie: Science Des Materiaux, 2019, 43, 395-399.	0.2	8
28	Mix model for self-compacting concrete with recycled aggregate. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 131-142.	0.4	5
29	Material properties, processing & characterization of fly ash based geopolymer. Materials Today: Proceedings, 2019, 19, 2617-2621.	0.9	5
30	Art-of-review on CFRP Wrapping to Strengthen Compressive and Flexural Behavior of Concrete. Revue Des Composites Et Des Materiaux Avances, 2019, 29, 159-163.	0.2	4
31	Influence of hydrophilic compounds on the performance of recycled aggregate concretes. Journal of Sustainable Cement-Based Materials, 2017, 6, 332-344.	1.7	3
32	Stress-strain model for tie-confined self-curing self-compacting concrete. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 465-480.	0.4	2
33	Flexural behaviour of tie-confined self-curing self-compacting concrete. Magazine of Concrete Research, 2018, 70, 1232-1242.	0.9	1
34	Different temperature effects on CFRP wrapped concrete. Materials Today: Proceedings, 2020, 27, 1127-1131.	0.9	1