

Deepankar Kumar Ashish

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,109
citations

516215

16
h-index

642321

23
g-index

29
all docs

29
docs citations

29
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Concrete made with waste marble powder and supplementary cementitious material for sustainable development. <i>Journal of Cleaner Production</i> , 2019, 211, 716-729.	4.6	158
2	Silica fume and waste glass in cement concrete production: A review. <i>Journal of Building Engineering</i> , 2020, 29, 100888.	1.6	149
3	Feasibility of waste marble powder in concrete as partial substitution of cement and sand amalgam for sustainable growth. <i>Journal of Building Engineering</i> , 2018, 15, 236-242.	1.6	129
4	Expanded glass as light-weight aggregate in concrete – A review. <i>Journal of Cleaner Production</i> , 2021, 313, 127848.	4.6	74
5	Aerogel based thermal insulating cementitious composites: A review. <i>Energy and Buildings</i> , 2021, 245, 111058.	3.1	73
6	Robustness of self-compacting concrete containing waste foundry sand and metakaolin: A sustainable approach. <i>Journal of Hazardous Materials</i> , 2021, 401, 123329.	6.5	57
7	Effects of carbon nanotubes on expanded glass and silica aerogel based lightweight concrete. <i>Scientific Reports</i> , 2021, 11, 2104.	1.6	57
8	Cementing Efficiency of Flash and Rotary-Calcined Metakaolin in Concrete. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	1.3	51
9	Sugarcane bagasse ash as supplementary cementitious material in concrete – a review. <i>Materials Today Sustainability</i> , 2021, 15, 100086.	1.9	51
10	Determination of optimum mixture design method for self-compacting concrete: Validation of method with experimental results. <i>Construction and Building Materials</i> , 2019, 217, 664-678.	3.2	50
11	Improving compressive strength of low calcium fly ash geopolymer concrete with alccofine. <i>Advances in Concrete Construction</i> , 2017, 5, 17-29.	0.4	45
12	An overview on mixture design of self-compacting concrete. <i>Structural Concrete</i> , 2019, 20, 371-395.	1.5	42
13	Removal of inorganic toxic contaminants from wastewater using sustainable biomass: A review. <i>Science of the Total Environment</i> , 2022, 823, 153689.	3.9	41
14	Properties of concrete incorporating sand and cement with waste marble powder. <i>Advances in Concrete Construction</i> , 2016, 4, 145-160.	0.4	38
15	Turning waste expanded polystyrene into lightweight aggregate: Towards sustainable construction industry. <i>Science of the Total Environment</i> , 2022, 837, 155852.	3.9	24
16	The effect of attack of chloride and sulphate on ground granulated blast furnace slag concrete. <i>Advances in Concrete Construction</i> , 2016, 4, 107-121.	0.4	19
17	Natural zeolite powder in cementitious composites and its application as heavy metal absorbents. <i>Journal of Building Engineering</i> , 2021, 43, 103085.	1.6	18
18	Effect on Permeability of Concrete Made with Successive Recycled Aggregate and Silica Fume. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
19	Performance of bricks and brick masonry prism made using coal fly ash and coal bottom ash. <i>Advances in Concrete Construction</i> , 2016, 4, 231-242.	0.4	7
20	Evaluation of household waste materials for facade components in primary educational workshops. Mechanical and fire properties. <i>Journal of Building Engineering</i> , 2020, 29, 101202.	1.6	6
21	Influence of rooftop telecommunication tower on set back-step back building resting on different ground slopes. <i>Earthquake Engineering and Engineering Vibration</i> , 2019, 18, 351-362.	1.1	4
22	Theoretical design of innovative cold formed steel beam sections. <i>International Journal of Scientific World</i> , 2015, 3, 255-266.	3.0	0