

Shravan Muthukrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

551
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of rice husk biochar and thermally treated low silica rice husk ash to improve physical properties of cement mortar. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 104, 102376.	4.7	106
2	Effect of alkali reactions on the rheology of one-part 3D printable geopolymer concrete. <i>Cement and Concrete Composites</i> , 2021, 116, 103899.	10.7	95
3	Effect of microwave heating on interlayer bonding and buildability of geopolymer 3D concrete printing. <i>Construction and Building Materials</i> , 2020, 265, 120786.	7.2	86
4	Technologies for improving buildability in 3D concrete printing. <i>Cement and Concrete Composites</i> , 2021, 122, 104144.	10.7	79
5	Fresh Properties of Cementitious Materials Containing Rice Husk Ash for Construction 3D Printing. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	66
6	Comparing influence of inert biochar and silica rich biochar on cement mortar – Hydration kinetics and durability under chloride and sulfate environment. <i>Construction and Building Materials</i> , 2021, 268, 121142.	7.2	55
7	Concrete 3D printing of lightweight elements using hollow-core extrusion of filaments. <i>Cement and Concrete Composites</i> , 2021, 123, 104220.	10.7	32
8	Set on demand geopolymer using print head mixing for 3D concrete printing. <i>Cement and Concrete Composites</i> , 2022, 128, 104451.	10.7	24
9	Buildability of Geopolymer Concrete for 3D Printing with Microwave Heating. <i>RILEM Bookseries</i> , 2020, , 926-935.	0.4	8