

# Shravan Muthukrishnan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8048494/publications.pdf>

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1163117  
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docs citations

9  
times ranked

329  
citing authors

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