

Yaxin Tao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mechanical and microstructural properties of 3D printable concrete in the context of the twin-pipe pumping strategy. Cement and Concrete Composites, 2022, 125, 104324.	10.7	21
2	Influence of substrate surface roughness and moisture content on tensile adhesion performance of 3D printable concrete. Cement and Concrete Composites, 2022, 126, 104350.	10.7	20
3	Rheology of alkali-activated slag pastes: New insight from microstructural investigations by cryo-SEM. Cement and Concrete Research, 2022, 157, 106806.	11.0	18
4	Influence of aluminum sulfate on mobility and adhesion of hydroxyethyl methyl cellulose in cement-based materials for tunnel linings. Cement and Concrete Composites, 2022, 131, 104594.	10.7	10
5	The Production of a Topology-Optimized 3D-Printed Concrete Bridge. RILEM Bookseries, 2022, , 37-42.	0.4	4
6	Hydration re-initiation of borated CSA systems with a two-stage mixing process: An application in extrusion-based concrete 3D printing. Cement and Concrete Research, 2022, 159, 106870.	11.0	19
7	Shape stability of 3D printable concrete with river and manufactured sand characterized by squeeze flow. Cement and Concrete Composites, 2022, 133, 104674.	10.7	4
8	Rheological properties of concrete with manufactured sand: A multi-level prediction. Cement and Concrete Composites, 2022, 133, 104647.	10.7	9
9	Stiffening control of cement-based materials using accelerators in inline mixing processes: Possibilities and challenges. Cement and Concrete Composites, 2021, 119, 103972.	10.7	74
10	Plastic viscosity of cement mortar with manufactured sand as influenced by geometric features and particle size. Cement and Concrete Composites, 2021, 122, 104163.	10.7	30