

# Matthias Rutzen

## List of Publications by Year in descending order

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6  
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2258059

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2272923

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62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscoelasticity and energy dissipation as indicators of flexural fatigue behavior in a ductile carbon fiber-reinforced cementitious composite. International Journal of Fatigue, 2022, 160, 106839.	5.7	3
2	Influence of fiber alignment on pseudoductility and microcracking in a cementitious carbon fiber composite material. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	12
3	3D printing as an automated manufacturing method for a carbon fiber-reinforced cementitious composite with outstanding flexural strength (105 N/mm <sup>2</sup> ). Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	4
4	Evaluation of the Behavior of Carbon Short Fiber Reinforced Concrete (CSFRC) Based on a Multi-Sensory Experimental Investigation and a Numerical Multiscale Approach. Materials, 2021, 14, 7005.	2.9	5
5	Properties of 3D-Printed Fiber-Reinforced Portland Cement Paste. , 2019, , 73-113.		43
6	Microstructural analysis of crack growth caused by static and dynamic loads in a carbon fiber reinforced cement paste. , 2019, , 617-622.		1