

Alexander B Sturm

List of Publications by Year in descending order

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9
papers

211
citations

1162889
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times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-form expressions for predicting moment redistribution in reinforced concrete beams with application to conventional concrete and ultrahigh performance fiber reinforced concrete. <i>Structural Concrete</i> , 2020, 21, 1577-1596.	1.5	3
2	Blending fibres to enhance the flexural properties of UHPFRC beams. <i>Construction and Building Materials</i> , 2020, 244, 118328.	3.2	24
3	Local bond slip behavior of steel reinforcing bars embedded in ultra high performance fibre reinforced concrete. <i>Structural Concrete</i> , 2019, 20, 108-122.	1.5	44
4	Experimental investigation of moment redistribution in ultra-high performance fibre reinforced concrete beams. <i>Construction and Building Materials</i> , 2018, 166, 433-444.	3.2	29
5	Modelling FRP-to-substrate joints using the bilinear bond-slip rule with allowance for friction—Full-range analytical solutions for long and short bonded lengths. <i>International Journal of Solids and Structures</i> , 2018, 135, 245-260.	1.3	47
6	Time-dependent serviceability behavior of reinforced concrete beams: Partial interaction tension stiffening mechanics. <i>Structural Concrete</i> , 2018, 19, 508-523.	1.5	21
7	Long- and short-term serviceability behavior of reinforced concrete beams: Mechanics models for deflections and crack widths. <i>Structural Concrete</i> , 2018, 19, 489-507.	1.5	12
8	Blending macro- and micro-fibres to enhance the serviceability behaviour of UHPFRC. <i>Australian Journal of Civil Engineering</i> , 2018, 16, 106-121.	0.6	15
9	Mechanics solutions for deflection and cracking in concrete. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2016, 169, 912-924.	0.4	16