Jochen Kähler

List of Publications by Year
in descending order

14 papers	427 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	369 citing authors

#	Article	IF	Citations
1	Hidden safety in structural design codes. Engineering Structures, 2022, 257, 114017.	5.3	11
2	A probabilistic-based methodology for predicting mould growth in façade constructions. Building and Environment, 2018, 128, 33-45.	6.9	27
3	Evaluating highly insulated walls to withstand biodeterioration: A probabilistic-based methodology. Energy and Buildings, 2018, 177, 112-124.	6.7	17
4	Assessment of the failure behaviour and reliability of timber connections with multiple dowel-type fasteners. Engineering Structures, 2018, 172, 76-84.	5.3	54
5	A probabilistic-based approach for predicting mould growth in timber building envelopes: Comparison of three mould models. Energy Procedia, 2017, 132, 393-398.	1.8	11
6	Mould growth criteria and design avoidance approaches in wood-based materials – A systematic review. Construction and Building Materials, 2017, 150, 77-88.	7.2	74
7	A quantification of the modelling uncertainty of non-linear finite element analyses of large concrete structures. Structural Safety, 2017, 64, 1-8.	5.3	56
8	Mould Models Applicable to Wood-Based Materials – A Generic Framework. Energy Procedia, 2017, 132, 177-182.	1.8	16
9	Bending tests on GLT beams having well-known local material properties. Materials and Structures/Materiaux Et Constructions, 2015, 48, 3571-3584.	3.1	15
10	Probabilistic approach for modelling the load-bearing capacity of glued laminated timber. Engineering Structures, 2015, 100, 751-762.	5.3	25
11	Probabilistic modelling of the tensile related material properties of timber boards and finger joint connections. European Journal of Wood and Wood Products, 2015, 73, 335-346.	2.9	10
12	Model for the prediction of the tensile strength and tensile stiffness of knot clusters within structural timber. European Journal of Wood and Wood Products, 2014, 72, 331-341.	2.9	27
13	Probabilistic modeling of timber structures. Structural Safety, 2007, 29, 255-267.	5.3	58
14	Probabilistic modeling of graded timber material properties. Structural Safety, 2004, 26, 295-309.	5.3	26