Philipp Dietsch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8889410/publications.pdf

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24	562	840776 11	713466 21
papers	citations	h-index	g-index

25	25	25	441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagonal laminated timberâ€"Experimental, analytical, and numerical studies on the torsional stiffness. Construction and Building Materials, 2022, 322, 126455.	7.2	4
2	Effect of shrinkage on cracking and structural behaviour of reinforced glulam members. Construction and Building Materials, 2022, 327, 125977.	7.2	2
3	Reinforcement of Timber Structures: Standardization Towards a New Section for EC 5. RILEM State-of-the-Art Reports, 2021, , 99-132.	0.7	0
4	Self-tapping Screws as Reinforcement for Structural Timber Elements. RILEM State-of-the-Art Reports, 2021, , 7-27.	0.7	0
5	Reinforcement of Timber Elements in Existing Structures. RILEM State-of-the-Art Reports, 2021, , 1-6.	0.7	2
6	Veneer-reinforced timber â€“ Numerical and experimental studies on a novel hybrid timber product. Construction and Building Materials, 2021, 298, 123880.	7.2	3
7	Dynamic effects in reinforced beams at brittle failure â€“ evaluated for timber members. Engineering Structures, 2020, 209, 110018.	5.3	2
8	Holzbau. Handbuch FÃ¼r Bauingenieure, 2019, , 1-54.	0.0	1
9	Structural failure in large-span timber structures: A comprehensive analysis of 230 cases. Structural Safety, 2018, 71, 41-46.	5.3	29
10	Review of design approaches and test results on brittle failure modes of connections loaded at an angle to the grain. Engineering Structures, 2018, 171, 362-372.	5.3	14
11	Cross laminated timber (CLT) diaphragms under shear: Test configuration, properties and design. Construction and Building Materials, 2017, 147, 312-327.	7.2	68
12	Effect of reinforcement on shrinkage stresses in timber members. Construction and Building Materials, 2017, 150, 903-915.	7.2	16
13	Scheibenschub von Brettsperrholz: Verifizierung einer PrÃ¼fkonfiguration und Parameterstudie. Bautechnik, 2015, 92, 759-769.	0.1	7
14	Methods to determine wood moisture content and their applicability in monitoring concepts. Journal of Civil Structural Health Monitoring, 2015, 5, 115-127.	3.9	87
15	Monitoring building climate and timber moisture gradient in large-span timber structures. Journal of Civil Structural Health Monitoring, 2015, 5, 153-165.	3.9	46
16	Self-tapping screws and threaded rods as reinforcement for structural timber elements â€“ A state-of-the-art report. Construction and Building Materials, 2015, 97, 78-89.	7.2	135
17	Assessing the integrity of glued-laminated timber elements. Construction and Building Materials, 2015, 101, 1259-1270.	7.2	49
18	GebÃudeklima â€“ Langzeitmessung zur Bestimmung der Auswirkungen auf Feuchtegradienten in Holzbauteilen. Bautechnik, 2013, 90, 508-519.	0.1	10

#	Article	IF	Citations
19	Eurocode 5â€"Future Developments towards a More Comprehensive Code on Timber Structures. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2012, 22, 223-231.	0.8	11
20	Analytischer Ansatz zur Erfassung von TragfÃhigkeitssteigerungen infolge von SchubverstÃrkungen in Bauteilen aus Brettschichtholz und Brettsperrholz. Bautechnik, 2012, 89, 402-414.	0.1	4
21	Robustness of large-span timber roof structures â€" Structural aspects. Engineering Structures, 2011, 33, 3106-3112.	5.3	27
22	Guideline on the assessment of timber structures: Summary. Engineering Structures, 2011, 33, 2983-2986.	5.3	22
23	Robustness of large-span timber roof structures â€" Two examples. Engineering Structures, 2011, 33, 3113-3117.	5.3	21
24	Assessment of all wide span Timber Structures owned by the City Munich. , 2009, , .		2