

# Philipp Dietsch

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

562  
citations

840776

11  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-tapping screws and threaded rods as reinforcement for structural timber elements – A state-of-the-art report. <i>Construction and Building Materials</i> , 2015, 97, 78-89.	7.2	135
2	Methods to determine wood moisture content and their applicability in monitoring concepts. <i>Journal of Civil Structural Health Monitoring</i> , 2015, 5, 115-127.	3.9	87
3	Cross laminated timber (CLT) diaphragms under shear: Test configuration, properties and design. <i>Construction and Building Materials</i> , 2017, 147, 312-327.	7.2	68
4	Assessing the integrity of glued-laminated timber elements. <i>Construction and Building Materials</i> , 2015, 101, 1259-1270.	7.2	49
5	Monitoring building climate and timber moisture gradient in large-span timber structures. <i>Journal of Civil Structural Health Monitoring</i> , 2015, 5, 153-165.	3.9	46
6	Structural failure in large-span timber structures: A comprehensive analysis of 230 cases. <i>Structural Safety</i> , 2018, 71, 41-46.	5.3	29
7	Robustness of large-span timber roof structures – Structural aspects. <i>Engineering Structures</i> , 2011, 33, 3106-3112.	5.3	27
8	Guideline on the assessment of timber structures: Summary. <i>Engineering Structures</i> , 2011, 33, 2983-2986.	5.3	22
9	Robustness of large-span timber roof structures – Two examples. <i>Engineering Structures</i> , 2011, 33, 3113-3117.	5.3	21
10	Effect of reinforcement on shrinkage stresses in timber members. <i>Construction and Building Materials</i> , 2017, 150, 903-915.	7.2	16
11	Review of design approaches and test results on brittle failure modes of connections loaded at an angle to the grain. <i>Engineering Structures</i> , 2018, 171, 362-372.	5.3	14
12	Eurocode 5 – Future Developments towards a More Comprehensive Code on Timber Structures. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2012, 22, 223-231.	0.8	11
13	Gebäudeklima – Langzeitmessung zur Bestimmung der Auswirkungen auf Feuchtegradienten in Holzbauteilen. <i>Bautechnik</i> , 2013, 90, 508-519.	0.1	10
14	Scheibenschub von Brettsperrholz: Verifizierung einer PrÄ¼fkfiguration und Parameterstudie. <i>Bautechnik</i> , 2015, 92, 759-769.	0.1	7
15	Analytischer Ansatz zur Erfassung von TragfÄ¼higkeitssteigerungen infolge von SchubverstÄ¼rkungen in Bauteilen aus Brettschichtholz und Brettsperrholz. <i>Bautechnik</i> , 2012, 89, 402-414.	0.1	4
16	Diagonal laminated timber – Experimental, analytical, and numerical studies on the torsional stiffness. <i>Construction and Building Materials</i> , 2022, 322, 126455.	7.2	4
17	Veneer-reinforced timber – Numerical and experimental studies on a novel hybrid timber product. <i>Construction and Building Materials</i> , 2021, 298, 123880.	7.2	3
18	Assessment of all wide span Timber Structures owned by the City Munich. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
19	Dynamic effects in reinforced beams at brittle failure “ evaluated for timber members. Engineering Structures, 2020, 209, 110018.	5.3	2
20	Reinforcement of Timber Elements in Existing Structures. RILEM State-of-the-Art Reports, 2021, , 1-6.	0.7	2
21	Effect of shrinkage on cracking and structural behaviour of reinforced glulam members. Construction and Building Materials, 2022, 327, 125977.	7.2	2
22	Holzbau. Handbuch für Bauingenieure, 2019, , 1-54.	0.0	1
23	Reinforcement of Timber Structures: Standardization Towards a New Section for EC 5. RILEM State-of-the-Art Reports, 2021, , 99-132.	0.7	0
24	Self-tapping Screws as Reinforcement for Structural Timber Elements. RILEM State-of-the-Art Reports, 2021, , 7-27.	0.7	0