

Felix Wiesner

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

224
citations

1163117

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of exposed cross laminated timber on compartment fire dynamics. Fire Safety Journal, 2017, 91, 480-489.	3.1	49
2	Structural capacity in fire of laminated timber elements in compartments with exposed timber surfaces. Engineering Structures, 2019, 179, 284-295.	5.3	34
3	Auto-extinction of engineered timber: Application to compartment fires with exposed timber surfaces. Fire Safety Journal, 2017, 91, 407-413.	3.1	30
4	Structural response of cross-laminated timber compression elements exposed to fire. Fire Safety Journal, 2017, 91, 56-67.	3.1	26
5	The structural capacity of laminated timber compression elements in fire: A meta-analysis. Fire Safety Journal, 2019, 107, 114-125.	3.1	21
6	Structural Capacity of One-Way Spanning Large-Scale Cross-Laminated Timber Slabs in Standard and Natural Fires. Fire Technology, 2021, 57, 291-311.	3.0	17
7	Large-scale compartment fires to develop a self-extinction design framework for mass timber – Part 1: Literature review and methodology. Fire Safety Journal, 2022, 128, 103523.	3.1	12
8	Structural fire engineering considerations for cross-laminated timber walls. Construction and Building Materials, 2022, 323, 126605.	7.2	10
9	Influence of ply configuration and adhesive type on cross-laminated timber in flexure at elevated temperatures. Fire Safety Journal, 2021, 120, 103073.	3.1	9
10	The effect of adhesive type and ply number on the compressive strength retention of CLT at elevated temperatures. Construction and Building Materials, 2021, 266, 121156.	7.2	8
11	Factors influencing the fire dynamics in open-plan compartments with an exposed timber ceiling. Fire Safety Journal, 2022, 129, 103564.	3.1	5
12	Fire performance of timber: review for use in wildland-urban interfaces. Holzforschung, 2022, 76, 679-698.	1.9	2
13	Robust circle tracking for deflection measurements in structural fire experiments. , 2020, , .		1