

Jean Christophe Mindeguia

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

529
citations

933264

10
h-index

677027

22
g-index

29
all docs

29
docs citations

29
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Spalling behaviour of concrete made with recycled concrete aggregates. Construction and Building Materials, 2022, 344, 128124.	3.2	9
2	<scp>Thermo-mechanical</scp> behaviour of <scp>cross-laminated</scp> timber slabs under standard and natural fires. Fire and Materials, 2021, 45, 866-884.	0.9	9
3	Structural Capacity of One-Way Spanning Large-Scale Cross-Laminated Timber Slabs in Standard and Natural Fires. Fire Technology, 2021, 57, 291-311.	1.5	17
4	Numerical Reconstruction of Paleolithic Fires in the Chauvet-Pont d'Arc Cave (Ardèche, France). Journal of Archaeological Method and Theory, 2021, 28, 604-616.	1.4	9
5	Strategies to challenge the simulation of confined fires. Tunnelling and Underground Space Technology, 2021, 110, 103806.	3.0	3
6	Effect of elevated temperatures on concrete made with recycled concrete aggregates - An overview. Journal of Building Engineering, 2021, 44, 103235.	1.6	16
7	Development of a Fluid-Structure Coupling Validated with a Confined Fire: Application to Painted Caves. Fire Technology, 2020, 56, 1197-1227.	1.5	4
8	An Adaptive Controller for Hybrid Fire Testing. Experimental Techniques, 2020, 44, 701-714.	0.9	3
9	Localized fire in a gallery: Model development and validation. International Journal of Thermal Sciences, 2019, 139, 144-159.	2.6	9
10	Simulation of charring depth of timber structures when exposed to non-standard fire curves. Journal of Structural Fire Engineering, 2018, 9, 63-76.	0.4	5
11	Experimental and numerical study of the thermomechanical behaviour of wood-based panels exposed to fire. Construction and Building Materials, 2018, 160, 668-678.	3.2	15
12	Terahertz Measurement of the Water Content Distribution in Wood Materials. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 195-209.	1.2	11
13	FireFOAM simulation of a localised fire in a gallery. Journal of Physics: Conference Series, 2018, 1107, 042017.	0.3	4
14	Contactless Transient THz Temperature Imaging by Thermo-transmittance Technique on Semi-transparent Materials. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1112-1126.	1.2	3
15	Simulation of an experimental fire in an underground limestone quarry for the study of Paleolithic fires. International Journal of Thermal Sciences, 2017, 120, 1-18.	2.6	23
16	Measurement of Water Content in a Wood Sample by Terahertz Imaging., 2017, , .		0
17	A New Approach to Simulate Interface Damage in Brittle Matrix Composites. Procedia Structural Integrity, 2016, 2, 2456-2462.	0.3	3
18	Experimental discussion on the mechanisms behind the fire spalling of concrete. Fire and Materials, 2015, 39, 619-635.	0.9	40

#	ARTICLE	IF	CITATIONS
19	Experimental analysis of concrete spalling due to fire exposure. European Journal of Environmental and Civil Engineering, 2013, 17, 453-466.	1.0	42
20	Parametrical study of transient thermal strain of ordinary and high performance concrete. Cement and Concrete Research, 2013, 48, 40-52.	4.6	44
21	Effect of compressive loading on the risk of spalling. MATEC Web of Conferences, 2013, 6, 01007.	0.1	16
22	On the influence of aggregate nature on concrete behaviour at high temperature. European Journal of Environmental and Civil Engineering, 2012, 16, 236-253.	1.0	32
23	Temperature, pore pressure and mass variation of concrete subjected to high temperature " Experimental and numerical discussion on spalling risk. Cement and Concrete Research, 2010, 40, 477-487.	4.6	185
24	A new experimental device for assessing the radial strains of concrete at high temperatures. Revue Européenne De Génie Civil, 2007, 11, 1187-1198.	0.0	1
25	Behaviour of high-performance concrete at high temperatures: some highlights. RILEM Technical Letters, 0, 2, 45-52.	0.0	18