

Aleksandrs Korjakins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5845159/publications.pdf>

Version: 2024-02-01

15
papers

314
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Benefit of Alternative Binders in Construction Industry: Life Cycle Assessment. <i>Environments - MDPI</i> , 2022, 9, 6.	3.3	13
2	Processing of Gypsum Construction and Demolition Waste and Properties of Secondary Gypsum Binder. <i>Recycling</i> , 2022, 7, 30.	5.0	10
3	Frost influence on the ultrasonic pulse velocity in concrete at early phases of hydration process. <i>Case Studies in Construction Materials</i> , 2021, 15, e00614.	1.7	5
4	Sustainable Wall Solutions Using Foam Concrete and Hemp Composites. <i>Environmental and Climate Technologies</i> , 2021, 25, 917-930.	1.4	12
5	Evaluation of Industrial by-products as pozzolans: A road map for use in concrete production. <i>Case Studies in Construction Materials</i> , 2020, 13, e00424.	1.7	18
6	Cooling Panel with Integrated PCM Layer: A Verified Simulation Study. <i>Energies</i> , 2020, 13, 5715.	3.1	7
7	Fast Setting Binders for Application in 3D Printing of Bio-Based Building Materials. <i>Sustainability</i> , 2020, 12, 8838.	3.2	14
8	Performance Evaluation of an Active PCM Thermal Energy Storage System for Space Cooling in Residential Buildings. <i>Environmental and Climate Technologies</i> , 2019, 23, 74-89.	1.4	17
9	Life Cycle Assessment of Foam Concrete Production in Latvia. <i>Environmental and Climate Technologies</i> , 2019, 23, 70-84.	1.4	17
10	Comparative life cycle assessment of magnesium binders as an alternative for hemp concrete. <i>Resources, Conservation and Recycling</i> , 2018, 133, 288-299.	10.8	82
11	Bio-based construction panels for low carbon development. <i>Energy Procedia</i> , 2018, 147, 220-226.	1.8	24
12	Technological properties of phosphogypsum binder obtained from fertilizer production waste. <i>Energy Procedia</i> , 2018, 147, 301-308.	1.8	33
13	Durability of concrete containing synthetic zeolite from aluminum fluoride production waste as a supplementary cementitious material. <i>Construction and Building Materials</i> , 2016, 117, 99-106.	7.2	28
14	Impact of hemp shives aggregate mineralization on physical-mechanical properties and structure of composite with cementitious binding material. <i>Industrial Crops and Products</i> , 2015, 77, 724-734.	5.2	33
15	Improving Quality of High Performance Concrete by Cavitation Treatment of the Raw Materials. <i>Procedia Engineering</i> , 2013, 57, 597-604.	1.2	1