

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

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citations

840776

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996975

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16
all docs

16
docs citations

16
times ranked

285
citing authors

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