Maciej Szelag

List of Publications by Citations

Source: https://exaly.com/author-pdf/8075770/maciej-szelag-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	421 citations	13 h-index	19 g-index
35 ext. papers	561 ext. citations	3.4 avg, IF	5.23 L-index

#	Paper	IF	Citations
32	Ultra-high strength concrete made with recycled aggregate from sanitary ceramic wastes The method of production and the interfacial transition zone. *Construction and Building Materials*, **2016**, 122, 736-742	6.7	64
31	Mechano-Physical Properties and Microstructure of Carbon Nanotube Reinforced Cement Paste after Thermal Load. *Nanomaterials*, **2017**, 7,	5.4	41
30	Development of Cracking Patterns in Modified Cement Matrix with Microsilica. *Materials*, **2018**, 11,	3.5	34
29	Physico-Mechanical Properties and Microstructure of Polymer Concrete with Recycled Glass Aggregate. *Materials*, **2018**, 11,	3.5	28
28	Concrete resistant to spalling made with recycled aggregate from sanitary ceramic wastes The effect of moisture and porosity on destructive processes occurring in fire conditions. *Construction and Building Materials*, **2018**, 173, 58-68	6.7	27
27	Evaluation of cracking patterns of cement paste containing polypropylene fibers. *Composite Structures*, **2019**, 220, 402-411	5.3	25
26	Analysis of the development of cluster cracks caused by elevated temperatures in cement paste. *Construction and Building Materials*, **2015**, 83, 223-229	6.7	22
25	The Use of Heat-Resistant Concrete Made with Ceramic Sanitary Ware Waste for a Thermal Energy Storage. *Applied Sciences (Switzerland)*, **2017**, 7, 1303	2.6	20
24	The Influence of Metakaolinite on the Development of Thermal Cracks in a Cement Matrix. *Materials*, **2018**, 11,	3.5	17
23	Application of Plastic Wastes in Construction Materials: A Review Using the Concept of Life-Cycle Assessment in the Context of Recent Research for Future Perspectives. *Materials*, **2021**, 14,	3.5	17
22	Fractal characterization of thermal cracking patterns and fracture zone in low-alkali cement matrix modified with microsilica. *Cement and Concrete Composites*, **2020**, 114, 103732	8.6	14
21	Properties of Cracking Patterns of Multi-Walled Carbon Nanotube-Reinforced Cement Matrix. *Materials*, **2019**, 12,	3.5	13
20	Influence of specimen shape and size on the thermal cracks geometry of cement paste. *Construction and Building Materials*, **2018**, 189, 1155-1172	6.7	13
19	Hydrophobization of Lime Composites with Lignocellulosic Raw Materials from Flax. *Journal of Natural Fibers*, **2017**, 14, 609-620	1.8	12
18	Evaluation of Cracking Patterns in Cement Composites-From Basics to Advances: A Review. *Materials*, **2020**, 13,	3.5	11
17	Physico-Mechanical and Rheological Properties of Epoxy Adhesives Modified by Microsilica and Sonication Process. *Materials*, **2020**, 13,	3.5	11
16	The Use of Fragmented, Worn-Out Car Side Windows as an Aggregate for Cementitious Composites. *Materials*, **2019**, 12,	3.5	10

15	Analysis of the development of cluster cracks in the cement paste modified by microsilica. *Budownictwo I Architektura*, **2020**, 14, 117-127	0.2	7
14	Increase the Performances of Lime Finishing Mixes Due to Modification with Calcium Silicate Hydrates. *Crystals*, **2021**, 11, 399	2.3	7
13	Modifications of Epoxy Resins and their Influence on their Viscosity. *IOP Conference Series: Materials Science and Engineering*, **2019**, 471, 022038	0.4	6
12	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. *Crystals*, **2021**, 11, 323	2.3	5
11	Application of an Automated Digital Image-Processing Method for Quantitative Assessment of Cracking Patterns in a Lime Cement Matrix. *Sensors*, **2020**, 20,	3.8	4
10	Viscosity and Free Surface Energy as Parameters Describing the Adhesion of the Epoxy Resin to the Substrate. *IOP Conference Series: Materials Science and Engineering*, **2019**, 484, 012003	0.4	2
9	Effects of Steel Fibers (SF) and Ground Granulated Blast Furnace Slag (GGBS) on Recycled Aggregate Concrete.. *Materials*, **2021**, 14,	3.5	2
8	Application of stereology in engineering of building materials. *Budownictwo I Architektura*, **2020**, 14, 115-125	0.2	2
7	Advanced interactions of cement-based materials with microorganisms: A review and future perspective. *Journal of Building Engineering*, **2022**, 45, 103458	5.2	2
6	Utilization of Thermally Treated SiC Nanowhiskers and Superplasticizer for Cementitious Composite Production. *Materials*, **2021**, 14,	3.5	2
5	Evaluation of Dependencies between Physico-Mechanical Properties and the Thermal Cracks Geometry of Cement Pastes Modified with Metakaolinite Using the LSM Method. *IOP Conference Series: Materials Science and Engineering*, **2019**, 471, 032071	0.4	1
4	Operational phase problems of prefabricated residential buildings on the example of the objects in the Lublin region. *Budownictwo I Architektura*, **2020**, 13, 007-014	0.2	1
3	Dependencies between Cracking Patterns and the Physico-Mechanical Properties of Microsilica Modified Cement Matrix. *IOP Conference Series: Materials Science and Engineering*, **2019**, 484, 012015	0.4	1
2	Intelligent prediction modeling of the post-heating mechanical performance of the brick powder modified cement paste based on the cracking patterns properties. *Case Studies in Construction Materials*, **2021**, 15, e00668	2.7	0
1	Effect of the MCM-41 mesoporous silica on the microstructure and performance of cement matrix. *Journal of Building Engineering*, **2021**, 44, 103421	5.2	