

## List of Publications by Citations

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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. <i>Construction and Building Materials</i> , <b>2016</b> , 122, 736-742	6.7	64
31	Mechano-Physical Properties and Microstructure of Carbon Nanotube Reinforced Cement Paste after Thermal Load. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	41
30	Development of Cracking Patterns in Modified Cement Matrix with Microsilica. <i>Materials</i> , <b>2018</b> , 11,	3.5	34
29	Physico-Mechanical Properties and Microstructure of Polymer Concrete with Recycled Glass Aggregate. <i>Materials</i> , <b>2018</b> , 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. <i>Construction and Building Materials</i> , <b>2018</b> , 173, 58-68	6.7	27
27	Evaluation of cracking patterns of cement paste containing polypropylene fibers. <i>Composite Structures</i> , <b>2019</b> , 220, 402-411	5.3	25
26	Analysis of the development of cluster cracks caused by elevated temperatures in cement paste. <i>Construction and Building Materials</i> , <b>2015</b> , 83, 223-229	6.7	22
25	The Use of Heat-Resistant Concrete Made with Ceramic Sanitary Ware Waste for a Thermal Energy Storage. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 1303	2.6	20
24	The Influence of Metakaolinite on the Development of Thermal Cracks in a Cement Matrix. <i>Materials</i> , <b>2018</b> , 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. <i>Materials</i> , <b>2021</b> , 14,	3.5	17
22	Fractal characterization of thermal cracking patterns and fracture zone in low-alkali cement matrix modified with microsilica. <i>Cement and Concrete Composites</i> , <b>2020</b> , 114, 103732	8.6	14
21	Properties of Cracking Patterns of Multi-Walled Carbon Nanotube-Reinforced Cement Matrix. <i>Materials</i> , <b>2019</b> , 12,	3.5	13
20	Influence of specimen's shape and size on the thermal cracks□geometry of cement paste. <i>Construction and Building Materials</i> , <b>2018</b> , 189, 1155-1172	6.7	13
19	Hydrophobization of Lime Composites with Lignocellulosic Raw Materials from Flax. <i>Journal of Natural Fibers</i> , <b>2017</b> , 14, 609-620	1.8	12
18	Evaluation of Cracking Patterns in Cement Composites-From Basics to Advances: A Review. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
17	Physico-Mechanical and Rheological Properties of Epoxy Adhesives Modified by Microsilica and Sonication Process. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
16	The Use of Fragmented, Worn-Out Car Side Windows as an Aggregate for Cementitious Composites. <i>Materials</i> , <b>2019</b> , 12,	3.5	10

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