

Roman Fediuk

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.

162
papers

1,557
citations

22
h-index

29
g-index

184
ext. papers

2,786
ext. citations

3
avg, IF

5.97
L-index

#	Paper	IF	Citations
162	Experimental research on impact response of novel steel fibrous concretes under falling mass impact. <i>Construction and Building Materials</i> , 2019 , 222, 447-457	6.7	51
161	Impact response of two-layered grouted aggregate fibrous concrete composite under falling mass impact. <i>Construction and Building Materials</i> , 2020 , 263, 120628	6.7	50
160	Fibre-Reinforced Foamed Concretes: A Review. <i>Materials</i> , 2020 , 13,	3.5	49
159	Improving the early strength of concrete: Effect of mechanochemical activation of the cementitious suspension and using of various superplasticizers. <i>Construction and Building Materials</i> , 2019 , 226, 839-848	6.7	43
158	Investigation of the Potential Use of CurauFiber for Reinforcing Mortars. <i>Fibers</i> , 2020 , 8, 69	3.7	41
157	Effect of nano-modified additives on properties of concrete mixtures during winter season. <i>Construction and Building Materials</i> , 2020 , 237, 117527	6.7	35
156	Improvement of Performances of the Gypsum-Cement Fiber Reinforced Composite (GCFRC). <i>Materials</i> , 2020 , 13,	3.5	35
155	Impact performance of novel multi-layered prepacked aggregate fibrous composites under compression and bending. <i>Structures</i> , 2020 , 28, 1502-1515	3.4	34
154	Slag uses in making an ecofriendly and sustainable concrete: A review. <i>Construction and Building Materials</i> , 2021 , 272, 121942	6.7	34
153	Fly Ash-Based Eco-Efficient Concretes: A Comprehensive Review of the Short-Term Properties. <i>Materials</i> , 2021 , 14,	3.5	33
152	Experimental Tests and Reliability Analysis of the Cracking Impact Resistance of UHPFRC. <i>Fibers</i> , 2020 , 8, 74	3.7	31
151	Improving the behaviors of foam concrete through the use of composite binder. <i>Journal of Building Engineering</i> , 2020 , 31, 101414	5.2	30
150	Use of Recycled Concrete Aggregates in Production of Green Cement-Based Concrete Composites: A Review. <i>Crystals</i> , 2021 , 11, 232	2.3	30
149	Fine-Grained Concrete of Composite Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 262, 012025	0.4	29
148	Performance Properties of High-Density Impermeable Cementitious Paste. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 04019013	3	27
147	Mechanical Properties of Fiber-Reinforced Concrete Using Composite Binders. <i>Advances in Materials Science and Engineering</i> , 2017 , 2017, 1-13	1.5	26
146	Evaluation of Mode II Fracture Toughness of Hybrid Fibrous Geopolymer Composites. <i>Materials</i> , 2021 , 14,	3.5	25

145	Rice Husk Ash-Based Concrete Composites: A Critical Review of Their Properties and Applications. <i>Crystals</i> , 2021 , 11, 168	2.3	25
144	A Taguchi approach for study on impact response of ultra-high-performance polypropylene fibrous cementitious composite. <i>Journal of Building Engineering</i> , 2020 , 30, 101301	5.2	23
143	Impact Performance of Steel Fiber-Reinforced Self-Compacting Concrete against Repeated Drop Weight Impact. <i>Crystals</i> , 2021 , 11, 91	2.3	23
142	Using thermal power plants waste for building materials. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 87, 092010	0.3	22
141	Mechanical Activation of Construction Binder Materials by Various Mills. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 125, 012019	0.4	22
140	High-strength fibrous concrete of Russian Far East natural materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 116, 012020	0.4	21
139	Production of Greener High-Strength Concrete Using Russian Quartz Sandstone Mine Waste Aggregates. <i>Materials</i> , 2020 , 13,	3.5	21
138	Increase in composite binder activity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 156, 012042	0.4	21
137	The Influence of COVID-19-Induced Daily Activities on Health Parameters A Case Study in Malaysia. <i>Sustainability</i> , 2021 , 13, 7465	3.6	21
136	Standard and modified falling mass impact tests on preplaced aggregate fibrous concrete and slurry infiltrated fibrous concrete. <i>Construction and Building Materials</i> , 2021 , 298, 123857	6.7	21
135	Palm Oil Fuel Ash-Based Eco-Efficient Concrete: A Critical Review of the Short-Term Properties. <i>Materials</i> , 2021 , 14,	3.5	20
134	Combined Effect of Multi-Walled Carbon Nanotubes, Steel Fibre and Glass Fibre Mesh on Novel Two-Stage Expanded Clay Aggregate Concrete against Impact Loading. <i>Crystals</i> , 2021 , 11, 720	2.3	19
133	A Critical Review on the Properties and Applications of Sulfur-Based Concrete. <i>Materials</i> , 2020 , 13,	3.5	18
132	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers</i> , 2021 , 13,	4.5	18
131	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> , 2021 , 14,	3.5	17
130	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. <i>Waste and Biomass Valorization</i> , 2021 , 12, 5131-5145	3.2	17
129	Fiber-reinforced alkali-activated concrete: A review. <i>Journal of Building Engineering</i> , 2022 , 45, 103638	5.2	16
128	Impact response of novel layered two stage fibrous composite slabs with different support type. <i>Structures</i> , 2021 , 29, 1-13	3.4	16

127	Acoustic Properties of Innovative Concretes: A Review. <i>Materials</i> , 2021 , 14,	3.5	16
126	Heat Treatment of Basalt Fiber Reinforced Expanded Clay Concrete with Increased Strength for Cast-In-Situ Construction. <i>Fibers</i> , 2020 , 8, 67	3.7	15
125	Enhancing performances of clay masonry materials based on nanosize mine waste. <i>Construction and Building Materials</i> , 2021 , 269, 121333	6.7	15
124	Design innovation, efficiency and applications of structural insulated panels: A review. <i>Structures</i> , 2020 , 27, 1358-1379	3.4	14
123	Processing equipment for grinding of building powders. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 327, 042029	0.4	14
122	Optimization of fresh properties and durability of the green gypsum-cement paste. <i>Construction and Building Materials</i> , 2021 , 287, 123035	6.7	13
121	Composite binders for concrete with reduced permeability. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 116, 012021	0.4	13
120	Design Efficiency, Characteristics, and Utilization of Reinforced Foamed Concrete: A Review. <i>Crystals</i> , 2020 , 10, 948	2.3	12
119	Obtaining sols, gels and mesoporous nanopowders of hydrothermal nanosilica. <i>Journal of Sol-Gel Science and Technology</i> , 2020 , 94, 681-694	2.3	11
118	Enhancing the tensile performance of ultra-high-performance concrete through strategic use of novel half-hooked steel fibers. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 2914-2925	5.5	11
117	Reusing marble and granite dust as cement replacement in cementitious composites: A review on sustainability benefits and critical challenges. <i>Journal of Building Engineering</i> , 2021 , 44, 102600	5.2	11
116	Impact Response of Preplaced Aggregate Fibrous Concrete Hammerhead Pier Beam Designed with Topology Optimization. <i>Crystals</i> , 2021 , 11, 147	2.3	10
115	The use of fly ash the thermal power plants in the construction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 93, 012070	0.4	9
114	Review of methods for activation of binder and concrete mixes. <i>AIMS Materials Science</i> , 2018 , 5, 916-931	1.9	9
113	Capacity to Develop Recycled Aggregate Concrete in South East Asia. <i>Buildings</i> , 2021 , 11, 234	3.2	9
112	Structural behavior of out-of-plane loaded precast lightweight EPS-foam concrete C-shaped slabs. <i>Journal of Building Engineering</i> , 2021 , 33, 101597	5.2	9
111	Effect of hydrothermal nanosilica on the performances of cement concrete. <i>Construction and Building Materials</i> , 2021 , 269, 121307	6.7	9
110	Improving the Hardened Properties of Nonautoclaved Silicate Materials Using Nanodispersed Mine Waste. <i>Journal of Materials in Civil Engineering</i> , 2021 , 33, 04021214	3	9

109	Structural Behavior of Fibrous-Ferrocement Panel Subjected to Flexural and Impact Loads. <i>Materials</i> , 2020 , 13,	3.5	8
108	Amorphous Aluminosilicates as a Structure-Forming Additive in Cementitious Systems. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 06020004	3	8
107	Theoretical backgrounds of non-tempered materials production based on new raw materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 327, 042064	0.4	8
106	Study of Topology Optimized Hammerhead Pier Beam Made with Novel Preplaced Aggregate Fibrous Concrete. <i>Periodica Polytechnica: Civil Engineering</i> ,	1.2	8
105	Thermal Performance of Structural Lightweight Concrete Composites for Potential Energy Saving. <i>Crystals</i> , 2021 , 11, 461	2.3	8
104	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. <i>Crystals</i> , 2021 , 11, 695	2.3	8
103	Development of power supply devices for limitations of short circuit on the ship's hull. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012009	0.4	8
102	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. <i>Sustainability</i> , 2021 , 13, 10720	3.6	8
101	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00661	2.7	8
100	Analysis of Soil Susceptibility to Internal Suffusion in Selected Sites for Impoundment Objects. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 221, 012011	0.3	7
99	Concretes for Underwater Structures. <i>Key Engineering Materials</i> , 2018 , 769, 3-8	0.4	7
98	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. <i>Sustainability</i> , 2021 , 13, 12226	3.6	7
97	Palm Oil Fuel Ash-Based Eco-Friendly Concrete Composite: A Critical Review of the Long-Term Properties. <i>Materials</i> , 2021 , 14,	3.5	7
96	Development of Bacterium for Crack Healing and Improving Properties of Concrete under WetDry and Full-Wet Curing. <i>Sustainability</i> , 2020 , 12, 10346	3.6	7
95	Increase the Performances of Lime Finishing Mixes Due to Modification with Calcium Silicate Hydrates. <i>Crystals</i> , 2021 , 11, 399	2.3	7
94	Response of Novel Functionally-Graded Prepacked Aggregate Fibrous Concrete against Low Velocity Repeated Projectile Impacts. <i>Materials</i> , 2021 , 14,	3.5	7
93	Hydrothermal SiO Nanopowders: Obtaining Them and Their Characteristics. <i>Nanomaterials</i> , 2020 , 10,	5.4	6
92	Nature raw materials of Russian Primorsky Krai for concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 87, 052005	0.3	6

91	Environmental Hazard of Some Types of Expanded Polystyrene. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 115, 012007	0.3	6
90	Concrete with Partial Substitution of Waste Glass and Recycled Concrete Aggregate.. <i>Materials</i> , 2022 , 15,	3.5	6
89	Processing of Waste from Enrichment with the Production of Cement Clinker and the Extraction of Zinc.. <i>Materials</i> , 2022 , 15,	3.5	6
88	Effect of Needle Type, Number of Layers on FPAFC Composite against Low-Velocity Projectile Impact. <i>Buildings</i> , 2021 , 11, 668	3.2	6
87	3D-Printed Mortars with Combined Steel and Polypropylene Fibers. <i>Fibers</i> , 2021 , 9, 79	3.7	6
86	Application of cementitious composites in mechanical engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 327, 032021	0.4	6
85	Rheological Behavior and Strength Characteristics of Cement Paste and Mortar with Fly Ash and GGBS Admixtures. <i>Sustainability</i> , 2021 , 13, 9600	3.6	6
84	Recycled PET Sand for Cementitious Mortar.. <i>Materials</i> , 2021 , 15,	3.5	6
83	Membrane concentration of hydrothermal SiO ₂ nanoparticles. <i>Separation and Purification Technology</i> , 2020 , 251, 117290	8.3	5
82	Structuring Behavior of Composite Materials Based on Cement, Limestone, and Acidic Ash. <i>Inorganic Materials</i> , 2019 , 55, 1079-1085	0.9	5
81	The Prospects of Application of Ashes from Combined Heat and Power Plants (Chpp) in the Primorsky Region for Creation of Protective Fibre-Reinforced Concrete with Improved Impermeability Characteristics. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 66, 012018	0.3	5
80	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	5
79	Experimental Investigation and Image Processing to Predict the Properties of Concrete with the Addition of Nano Silica and Rice Husk Ash. <i>Crystals</i> , 2021 , 11, 1230	2.3	5
78	Regularities of Change in the Properties of Paint Coatings on Cement Concretes at Moistening. <i>Lecture Notes in Civil Engineering</i> , 2020 , 1-14	0.3	5
77	Enhancement of fresh properties and performances of the eco-friendly gypsum-cement composite (EGCC). <i>Construction and Building Materials</i> , 2020 , 260, 120462	6.7	5
76	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. <i>Crystals</i> , 2021 , 11, 323	2.3	5
75	Effect of an Aluminosilicate Disperse Additive on Behaviors of Autoclave Silicate Materials. <i>Buildings</i> , 2021 , 11, 239	3.2	5
74	Developed heat-insulating dry mortar mixes for the finishing of aerated concrete walls. <i>Magazine of Concrete Research</i> , 2021 , 1-14	2	5

73	Device for limiting single phase ground fault of mining machines. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 87, 032009	0.3	4
72	Flexural Strength of Concrete Beam Reinforced with CFRP Bars: A Review.. <i>Materials</i> , 2022 , 15,	3.5	4
71	Improving the Early Properties of Treated Soft Kaolin Clay with Palm Oil Fuel Ash and Gypsum. <i>Sustainability</i> , 2021 , 13, 10910	3.6	4
70	Modified heat-insulating binder using jet-grinded waste of expanded perlite sand. <i>Construction and Building Materials</i> , 2020 , 260, 120440	6.7	4
69	Structural Performance of Shear Loaded Precast EPS-Foam Concrete Half-Shaped Slabs. <i>Sustainability</i> , 2020 , 12, 9679	3.6	4
68	Combined Functionalization of Carbon Nanotubes (CNT) Fibers with H ₂ SO ₄ /HNO ₃ and Ca(OH) ₂ for Addition in Cementitious Matrix. <i>Fibers</i> , 2021 , 9, 14	3.7	4
67	Monitoring of heating systems as a factor of energy safety of buildings. <i>Journal of Building Engineering</i> , 2020 , 31, 101384	5.2	4
66	Experimental Investigation on Composite Deck Slab Made of Cold-Formed Profiled Steel Sheeting. <i>Metals</i> , 2021 , 11, 229	2.3	4
65	Sound-Absorbing Acoustic Concretes: A Review. <i>Sustainability</i> , 2021 , 13, 10712	3.6	4
64	A Sustainable Reuse of Agro-Industrial Wastes into Green Cement Bricks.. <i>Materials</i> , 2022 , 15,	3.5	4
63	Impact Resistance of Functionally Layered Two-Stage Fibrous Concrete. <i>Fibers</i> , 2021 , 9, 88	3.7	4
62	Artificial Neural Network-Forecasted Compression Strength of Alkaline-Activated Slag Concretes. <i>Sustainability</i> , 2022 , 14, 5214	3.6	4
61	Link of Self-Compacting Fiber Concrete Behaviors to Composite Binders and Superplasticizer. <i>Journal of Advanced Concrete Technology</i> , 2020 , 18, 67-82	2.3	3
60	Four-component high-strength polymineral binders. <i>Construction and Building Materials</i> , 2022 , 316, 125934	3.7	3
59	The Effect of Superabsorbent Polymer and Nano-Silica on the Properties of Blended Cement. <i>Crystals</i> , 2021 , 11, 1394	2.3	3
58	Durability of geopolymers with industrial waste. <i>Case Studies in Construction Materials</i> , 2022 , 16, e008392.7	2.7	3
57	3D-printable alkali-activated concretes for building applications: A critical review. <i>Construction and Building Materials</i> , 2022 , 319, 126126	6.7	3
56	Increasing the Performance of a Fiber-Reinforced Concrete for Protective Facilities. <i>Fibers</i> , 2021 , 9, 64	3.7	3

55	Self-healing epoxy coating doped with <i>Elaeis guineensis</i> /silver nanoparticles: A robust corrosion inhibitor. <i>Construction and Building Materials</i> , 2021 , 312, 125396	6.7	3
54	Improvement of Mechanical and Durability Behaviors of Textile Concrete: Effect of Polymineral Composite Binders and Superabsorbent Polymers. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020315 ³		
53	Obtaining and Properties of a Photocatalytic Composite Material of the "SiO-TiO" System Based on Various Types of Silica Raw Materials. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
52	Low-permeability Fiber-reinforcement Concrete of Composite Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 022058	0.4	3
51	Features of building composites designing for their exploitation in extreme conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 456, 012054	0.4	3
50	Hybrid Bayesian Network Models to Investigate the Impact of Built Environment Experience before Adulthood on Students Tolerable Travel Time to Campus: Towards Sustainable Commute Behavior. <i>Sustainability</i> , 2022 , 14, 325	3.6	3
49	Gum Arabic Nanoparticles as Green Corrosion Inhibitor for Reinforced Concrete Exposed to Carbon Dioxide Environment.. <i>Materials</i> , 2021 , 14,	3.5	3
48	Impact Resistance of Polypropylene Fibre-Reinforced Alkali-Activated Copper Slag Concrete.. <i>Materials</i> , 2021 , 14,	3.5	3
47	Drop Weight Impact Test on Prepacked Aggregate Fibrous Concrete-An Experimental Study.. <i>Materials</i> , 2022 , 15,	3.5	3
46	Mechanical Properties of High-Performance Hybrid Fibre-Reinforced Concrete at Elevated Temperatures. <i>Sustainability</i> , 2021 , 13, 13392	3.6	2
45	Faience Waste for the Production of Wall Products. <i>Materials</i> , 2021 , 14,	3.5	2
44	Thermal Behavior and Energy Efficiency of Modified Concretes in the Tropical Climate: A Systemic Review. <i>Sustainability</i> , 2021 , 13, 11957	3.6	2
43	Advanced interactions of cement-based materials with microorganisms: A review and future perspective. <i>Journal of Building Engineering</i> , 2022 , 45, 103458	5.2	2
42	Granular Aggregates Based on Finely Dispersed Substandard Raw Materials. <i>Crystals</i> , 2021 , 11, 369	2.3	2
41	Characterization of Different Brazilian Soils for the Production of Ceramic Artifacts. <i>Materials Science Forum</i> , 1017, 123-132	0.4	2
40	Processing of Building Binder Materials to Increase their Activation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 115, 012045	0.3	2
39	Natural Effects on Offshore Structures in the Arctic. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 032063	0.4	2
38	Self-Healing Construction Materials: The Geomimetic Approach. <i>Sustainability</i> , 2021 , 13, 9033	3.6	2

37	Modification of Cement Composites with Hydrothermal Nano-SiO ₂ . <i>Journal of Materials in Civil Engineering</i> , 2021 , 33, 04021339	3	2
36	Study of the Properties of Antifriction Rings under Severe Plastic Deformation.. <i>Materials</i> , 2022 , 15,	3.5	2
35	Modeling of Non-Ferrous Metallurgy Waste Disposal with the Production of Iron Silicides and Zinc Distillation.. <i>Materials</i> , 2022 , 15,	3.5	2
34	Climate-Adaptive Façades with an Air Chamber. <i>Buildings</i> , 2022 , 12, 366	3.2	2
33	Numerical Analysis of Piled-Raft Foundations on Multi-Layer Soil Considering Settlement and Swelling. <i>Buildings</i> , 2022 , 12, 356	3.2	2
32	Utilization of recycled carbon fiber reinforced polymer in cementitious composites: A critical review. <i>Journal of Building Engineering</i> , 2022 , 53, 104583	5.2	2
31	Fast-Curing Composites Based on Multicomponent Gypsum Binders. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020234	3	1
30	Experimental Investigation on Geopolymer Concrete with Various Sustainable Mineral Ashes.. <i>Materials</i> , 2021 , 14,	3.5	1
29	Utilization of Biomass to Ash: An Overview of the Potential Resources for Alternative Energy. <i>Materials</i> , 2021 , 14,	3.5	1
28	Benefit Evaluation Model of Prefabricated Buildings in Seasonally Frozen Regions. <i>Energies</i> , 2021 , 14, 7119	3.1	1
27	Improving the performance of lime-sand finishing mixes. <i>Construction and Building Materials</i> , 2020 , 264, 120687	6.7	1
26	Modified Lime Binders for Restoration Work. <i>Buildings</i> , 2021 , 11, 98	3.2	1
25	Reinforcement of Flexural Members with Basalt Fiber Mortar. <i>Fibers</i> , 2021 , 9, 26	3.7	1
24	Effect of polymineral systems and disperse reinforcement on self-compacting fibre concrete. <i>Magazine of Concrete Research</i> , 1-17	2	1
23	Thermodynamic Approach to Assessing the Curing of Protective and Decorative Coatings of Exterior Walls of Buildings. <i>Materials Science Forum</i> , 2019 , 974, 3-8	0.4	1
22	Effect of Ash-Slag Mix and Polypropylene Fiber on the Performances of Concrete Composite. <i>Materials Science Forum</i> , 1017, 1-10	0.4	1
21	Methodology for Assessing the Quality of Building Materials. <i>Lecture Notes in Civil Engineering</i> , 2021 , 167-173	0.3	1
20	Designing of special concretes for machine building. <i>Journal of Physics: Conference Series</i> , 2018 , 1050, 012026	0.3	1

19	Improvement of technical means for recycling of technogenic waste to construction fiber. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01071	2.7	1
18	A Review on Building Design as a Biomedical System for Preventing COVID-19 Pandemic. <i>Buildings</i> , 2022 , 12, 582	3.2	1
17	Fresh and mechanical properties of low-cement mortars for 3D printing. <i>Construction and Building Materials</i> , 2022 , 338, 127644	6.7	1
16	Hardening of Bimetallic Wires from Secondary Materials Used in the Construction of Power Lines. <i>Materials</i> , 2022 , 15, 3975	3.5	1
15	Foam Glass Crystalline Granular Material from a Polymineral Raw Mix. <i>Crystals</i> , 2021 , 11, 1447	2.3	0
14	Prediction of Pore Volume Dispersion and Microstructural Characteristics of Concrete Using Image Processing Technique. <i>Crystals</i> , 2021 , 11, 1476	2.3	0
13	Modern Technologies of Nondestructive Testing of Construction Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 132, 012001	0.4	0
12	Removing Pollutants from Sewage Waters with Ground Apricot Kernel Shell Material. <i>Materials</i> , 2022 , 15, 3428	3.5	0
11	An ultra-lightweight cellular concrete for geotechnical applications A review. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01096	2.7	0
10	Retrofitting RC beams using high-early strength alkali-activated concrete. <i>Case Studies in Construction Materials</i> , 2022 , 17, e01194	2.7	0
9	Performance of Steel-Bolt-Connected Industrialized Building System Frame Subjected to Hydrodynamic Force. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5093	2.6	0
8	Numerical Analysis of Shallow Foundations with Varying Loading and Soil Conditions. <i>Buildings</i> , 2022 , 12, 693	3.2	0
7	Fibrous Concrete with Reduced Permeability to Protect the Home Against the Fumes of Expanded Polystyrene. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 66, 012026	0.3	
6	Increasing the performances of low permeable cement composites. <i>Vestnik MGSU</i> , 2021 , 1346-1356	0.5	
5	Fiber Concrete on Greenest Cementitious Binders for Road Construction. <i>Lecture Notes in Civil Engineering</i> , 2021 , 143-149	0.3	
4	Estimation of the Probability of Cracking of Facade Coatings. <i>Materials Science Forum</i> , 1037 , 675-683	0.4	
3	Forecasting the Durability of Protective and Decorative Coatings of External Walls of Buildings. <i>Lecture Notes in Civil Engineering</i> , 2021 , 247-254	0.3	
2	Phase formation of mortar using technogenic fibrous materials. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01099	2.7	

- 1 Effect of polydisperse reinforcement on the fresh and physical-mechanical properties of self-compacting concrete. *Case Studies in Construction Materials*, **2022**, e01188 2.7