

# Roman Fediuk

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3486581/roman-fediuk-publications-by-year.pdf>

**Version:** 2024-04-27

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.

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	Concrete with Partial Substitution of Waste Glass and Recycled Concrete Aggregate.. <i>Materials</i> , <b>2022</b> , 15,	3.5	6
161	Processing of Waste from Enrichment with the Production of Cement Clinker and the Extraction of Zinc.. <i>Materials</i> , <b>2022</b> , 15,	3.5	6
160	Flexural Strength of Concrete Beam Reinforced with CFRP Bars: A Review.. <i>Materials</i> , <b>2022</b> , 15,	3.5	4
159	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	5
158	Four-component high-strength polymineral binders. <i>Construction and Building Materials</i> , <b>2022</b> , 316, 125934	3.4	3
157	Fiber-reinforced alkali-activated concrete: A review. <i>Journal of Building Engineering</i> , <b>2022</b> , 45, 103638	5.2	16
156	Durability of geopolymers with industrial waste. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e008392.7	2.7	3
155	3D-printable alkali-activated concretes for building applications: A critical review. <i>Construction and Building Materials</i> , <b>2022</b> , 319, 126126	6.7	3
154	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
153	A Sustainable Reuse of Agro-Industrial Wastes into Green Cement Bricks.. <i>Materials</i> , <b>2022</b> , 15,	3.5	4
152	Study of the Properties of Antifriction Rings under Severe Plastic Deformation.. <i>Materials</i> , <b>2022</b> , 15,	3.5	2
151	Modeling of Non-Ferrous Metallurgy Waste Disposal with the Production of Iron Silicides and Zinc Distillation.. <i>Materials</i> , <b>2022</b> , 15,	3.5	2
150	Climate-Adaptive Façades with an Air Chamber. <i>Buildings</i> , <b>2022</b> , 12, 366	3.2	2
149	Numerical Analysis of Piled-Raft Foundations on Multi-Layer Soil Considering Settlement and Swelling. <i>Buildings</i> , <b>2022</b> , 12, 356	3.2	2
148	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> , <b>2022</b> , 14, 325	3.6	3
147	Improvement of technical means for recycling of technogenic waste to construction fiber. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e01071	2.7	1
146	A Review on Building Design as a Biomedical System for Preventing COVID-19 Pandemic. <i>Buildings</i> , <b>2022</b> , 12, 582	3.2	1

145	Artificial Neural Network-Forecasted Compression Strength of Alkaline-Activated Slag Concretes. <i>Sustainability</i> , <b>2022</b> , 14, 5214	3.6	4
144	Drop Weight Impact Test on Prepacked Aggregate Fibrous Concrete-An Experimental Study.. <i>Materials</i> , <b>2022</b> , 15,	3.5	3
143	Removing Pollutants from Sewage Waters with Ground Apricot Kernel Shell Material. <i>Materials</i> , <b>2022</b> , 15, 3428	3.5	0
142	An ultra-lightweight cellular concrete for geotechnical applications [A review]. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e01096	2.7	0
141	Phase formation of mortar using technogenic fibrous materials. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e01099	2.7	
140	Fresh and mechanical properties of low-cement mortars for 3D printing. <i>Construction and Building Materials</i> , <b>2022</b> , 338, 127644	6.7	1
139	Utilization of recycled carbon fiber reinforced polymer in cementitious composites: A critical review. <i>Journal of Building Engineering</i> , <b>2022</b> , 53, 104583	5.2	2
138	Retrofitting RC beams using high-early strength alkali-activated concrete. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 17, e01194	2.7	0
137	Performance of Steel-Bolt-Connected Industrialized Building System Frame Subjected to Hydrodynamic Force. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5093	2.6	0
136	Numerical Analysis of Shallow Foundations with Varying Loading and Soil Conditions. <i>Buildings</i> , <b>2022</b> , 12, 693	3.2	0
135	Effect of polydisperse reinforcement on the fresh and physical-mechanical properties of self-compacting concrete. <i>Case Studies in Construction Materials</i> , <b>2022</b> , e01188	2.7	
134	Hardening of Bimetallic Wires from Secondary Materials Used in the Construction of Power Lines. <i>Materials</i> , <b>2022</b> , 15, 3975	3.5	1
133	Effect of Needle Type, Number of Layers on FPAFC Composite against Low-Velocity Projectile Impact. <i>Buildings</i> , <b>2021</b> , 11, 668	3.2	6
132	Experimental Investigation on Geopolymer Concrete with Various Sustainable Mineral Ashes.. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
131	Mechanical Properties of High-Performance Hybrid Fibre-Reinforced Concrete at Elevated Temperatures. <i>Sustainability</i> , <b>2021</b> , 13, 13392	3.6	2
130	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. <i>Sustainability</i> , <b>2021</b> , 13, 12226	3.6	7
129	Faience Waste for the Production of Wall Products. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
128	Increasing the performances of low permeable cement composites. <i>Vestnik MGSU</i> , <b>2021</b> , 1346-1356	0.5	

127	Foam Glass Crystalline Granular Material from a Polymineral Raw Mix. <i>Crystals</i> , <b>2021</b> , 11, 1447	2.3	0
126	The Effect of Superabsorbent Polymer and Nano-Silica on the Properties of Blended Cement. <i>Crystals</i> , <b>2021</b> , 11, 1394	2.3	3
125	Palm Oil Fuel Ash-Based Eco-Friendly Concrete Composite: A Critical Review of the Long-Term Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
124	Prediction of Pore Volume Dispersion and Microstructural Characteristics of Concrete Using Image Processing Technique. <i>Crystals</i> , <b>2021</b> , 11, 1476	2.3	0
123	3D-Printed Mortars with Combined Steel and Polypropylene Fibers. <i>Fibers</i> , <b>2021</b> , 9, 79	3.7	6
122	Improving the Early Properties of Treated Soft Kaolin Clay with Palm Oil Fuel Ash and Gypsum. <i>Sustainability</i> , <b>2021</b> , 13, 10910	3.6	4
121	Increasing the Performance of a Fiber-Reinforced Concrete for Protective Facilities. <i>Fibers</i> , <b>2021</b> , 9, 64	3.7	3
120	Experimental Investigation and Image Processing to Predict the Properties of Concrete with the Addition of Nano Silica and Rice Husk Ash. <i>Crystals</i> , <b>2021</b> , 11, 1230	2.3	5
119	Fiber Concrete on Greenest Cementitious Binders for Road Construction. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 143-149	0.3	
118	Utilization of Biomass to Ash: An Overview of the Potential Resources for Alternative Energy. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
117	Thermal Behavior and Energy Efficiency of Modified Concretes in the Tropical Climate: A Systemic Review. <i>Sustainability</i> , <b>2021</b> , 13, 11957	3.6	2
116	Benefit Evaluation Model of Prefabricated Buildings in Seasonally Frozen Regions. <i>Energies</i> , <b>2021</b> , 14, 7119	3.1	1
115	Self-healing epoxy coating doped with <i>Elaeis guineensis</i> /silver nanoparticles: A robust corrosion inhibitor. <i>Construction and Building Materials</i> , <b>2021</b> , 312, 125396	6.7	3
114	Granular Aggregates Based on Finely Dispersed Substandard Raw Materials. <i>Crystals</i> , <b>2021</b> , 11, 369	2.3	2
113	Obtaining and Properties of a Photocatalytic Composite Material of the "SiO-TiO" System Based on Various Types of Silica Raw Materials. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
112	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. <i>Crystals</i> , <b>2021</b> , 11, 323	2.3	5
111	Modified Lime Binders for Restoration Work. <i>Buildings</i> , <b>2021</b> , 11, 98	3.2	1
110	Combined Functionalization of Carbon Nanotubes (CNT) Fibers with H <sub>2</sub> SO <sub>4</sub> /HNO <sub>3</sub> and Ca(OH) <sub>2</sub> for Addition in Cementitious Matrix. <i>Fibers</i> , <b>2021</b> , 9, 14	3.7	4

109	Thermal Performance of Structural Lightweight Concrete Composites for Potential Energy Saving. <i>Crystals</i> , <b>2021</b> , 11, 461	2.3	8
108	Reinforcement of Flexural Members with Basalt Fiber Mortar. <i>Fibers</i> , <b>2021</b> , 9, 26	3.7	1
107	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
106	Capacity to Develop Recycled Aggregate Concrete in South East Asia. <i>Buildings</i> , <b>2021</b> , 11, 234	3.2	9
105	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> , <b>2021</b> , 11, 720	2.3	19
104	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. <i>Crystals</i> , <b>2021</b> , 11, 695	2.3	8
103	Optimization of fresh properties and durability of the green gypsum-cement paste. <i>Construction and Building Materials</i> , <b>2021</b> , 287, 123035	6.7	13
102	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
101	Effect of an Aluminosilicate Disperse Additive on Behaviors of Autoclave Silicate Materials. <i>Buildings</i> , <b>2021</b> , 11, 239	3.2	5
100	Structural behavior of out-of-plane loaded precast lightweight EPS-foam concrete C-shaped slabs. <i>Journal of Building Engineering</i> , <b>2021</b> , 33, 101597	5.2	9
99	Effect of hydrothermal nanosilica on the performances of cement concrete. <i>Construction and Building Materials</i> , <b>2021</b> , 269, 121307	6.7	9
98	Developed heat-insulating dry mortar mixes for the finishing of aerated concrete walls. <i>Magazine of Concrete Research</i> , <b>2021</b> , 1-14	2	5
97	Impact response of novel layered two stage fibrous composite slabs with different support type. <i>Structures</i> , <b>2021</b> , 29, 1-13	3.4	16
96	Enhancing performances of clay masonry materials based on nanosize mine waste. <i>Construction and Building Materials</i> , <b>2021</b> , 269, 121333	6.7	15
95	Response of Novel Functionally-Graded Prepacked Aggregate Fibrous Concrete against Low Velocity Repeated Projectile Impacts. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
94	Experimental Investigation on Composite Deck Slab Made of Cold-Formed Profiled Steel Sheeting. <i>Metals</i> , <b>2021</b> , 11, 229	2.3	4
93	Methodology for Assessing the Quality of Building Materials. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 167-173	0.3	1
92	Forecasting the Durability of Protective and Decorative Coatings of External Walls of Buildings. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 247-254	0.3	

91	Evaluation of Mode II Fracture Toughness of Hybrid Fibrous Geopolymer Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	25
90	Use of Recycled Concrete Aggregates in Production of Green Cement-Based Concrete Composites: A Review. <i>Crystals</i> , <b>2021</b> , 11, 232	2.3	30
89	Slag uses in making an ecofriendly and sustainable concrete: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 272, 121942	6.7	34
88	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 5131-5145	3.2	17
87	Rice Husk Ash-Based Concrete Composites: A Critical Review of Their Properties and Applications. <i>Crystals</i> , <b>2021</b> , 11, 168	2.3	25
86	Fly Ash-Based Eco-Efficient Concretes: A Comprehensive Review of the Short-Term Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	33
85	The Influence of COVID-19-Induced Daily Activities on Health Parameters A Case Study in Malaysia. <i>Sustainability</i> , <b>2021</b> , 13, 7465	3.6	21
84	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers</i> , <b>2021</b> , 13,	4.5	18
83	Rheological Behavior and Strength Characteristics of Cement Paste and Mortar with Fly Ash and GGBS Admixtures. <i>Sustainability</i> , <b>2021</b> , 13, 9600	3.6	6
82	Self-Healing Construction Materials: The Geomimetic Approach. <i>Sustainability</i> , <b>2021</b> , 13, 9033	3.6	2
81	Improving the Hardened Properties of Nonautoclaved Silicate Materials Using Nanodispersed Mine Waste. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021214	3	9
80	Standard and modified falling mass impact tests on preplaced aggregate fibrous concrete and slurry infiltrated fibrous concrete. <i>Construction and Building Materials</i> , <b>2021</b> , 298, 123857	6.7	21
79	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. <i>Sustainability</i> , <b>2021</b> , 13, 10720	3.6	8
78	Sound-Absorbing Acoustic Concretes: A Review. <i>Sustainability</i> , <b>2021</b> , 13, 10712	3.6	4
77	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> , <b>2021</b> , 44, 102600	5.2	11
76	Modification of Cement Composites with Hydrothermal Nano-SiO <sub>2</sub> . <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021339	3	2
75	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , <b>2021</b> , 15, e00661	2.7	8
74	Impact Performance of Steel Fiber-Reinforced Self-Compacting Concrete against Repeated Drop Weight Impact. <i>Crystals</i> , <b>2021</b> , 11, 91	2.3	23

73	Acoustic Properties of Innovative Concretes: A Review. <i>Materials</i> , <b>2021</b> , 14,	3.5	16
72	Impact Response of Preplaced Aggregate Fibrous Concrete Hammerhead Pier Beam Designed with Topology Optimization. <i>Crystals</i> , <b>2021</b> , 11, 147	2.3	10
71	Palm Oil Fuel Ash-Based Eco-Efficient Concrete: A Critical Review of the Short-Term Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	20
70	Recycled PET Sand for Cementitious Mortar.. <i>Materials</i> , <b>2021</b> , 15,	3.5	6
69	Impact Resistance of Functionally Layered Two-Stage Fibrous Concrete. <i>Fibers</i> , <b>2021</b> , 9, 88	3.7	4
68	Gum Arabic Nanoparticles as Green Corrosion Inhibitor for Reinforced Concrete Exposed to Carbon Dioxide Environment.. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
67	Impact Resistance of Polypropylene Fibre-Reinforced Alkali-Activated Copper Slag Concrete.. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
66	Structural Behavior of Fibrous-Ferrocement Panel Subjected to Flexural and Impact Loads. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
65	Production of Greener High-Strength Concrete Using Russian Quartz Sandstone Mine Waste Aggregates. <i>Materials</i> , <b>2020</b> , 13,	3.5	21
64	A Critical Review on the Properties and Applications of Sulfur-Based Concrete. <i>Materials</i> , <b>2020</b> , 13,	3.5	18
63	Fast-Curing Composites Based on Multicomponent Gypsum Binders. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020234	3	1
62	Membrane concentration of hydrothermal SiO <sub>2</sub> nanoparticles. <i>Separation and Purification Technology</i> , <b>2020</b> , 251, 117290	8.3	5
61	Amorphous Aluminosilicates as a Structure-Forming Additive in Cementitious Systems. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 06020004	3	8
60	A Taguchi approach for study on impact response of ultra-high-performance polypropylene fibrous cementitious composite. <i>Journal of Building Engineering</i> , <b>2020</b> , 30, 101301	5.2	23
59	Obtaining sols, gels and mesoporous nanopowders of hydrothermal nanosilica. <i>Journal of Sol-Gel Science and Technology</i> , <b>2020</b> , 94, 681-694	2.3	11
58	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> , <b>2020</b> , 9, 2914-2925	5.5	11
57	Link of Self-Compacting Fiber Concrete Behaviors to Composite Binders and Superplasticizer. <i>Journal of Advanced Concrete Technology</i> , <b>2020</b> , 18, 67-82	2.3	3
56	Hydrothermal SiO Nanopowders: Obtaining Them and Their Characteristics. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	6

55	Regularities of Change in the Properties of Paint Coatings on Cement Concretes at Moistening. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 1-14	0.3	5
54	Effect of nano-modified additives on properties of concrete mixtures during winter season. <i>Construction and Building Materials</i> , <b>2020</b> , 237, 117527	6.7	35
53	Impact performance of novel multi-layered prepacked aggregate fibrous composites under compression and bending. <i>Structures</i> , <b>2020</b> , 28, 1502-1515	3.4	34
52	Design Efficiency, Characteristics, and Utilization of Reinforced Foamed Concrete: A Review. <i>Crystals</i> , <b>2020</b> , 10, 948	2.3	12
51	Impact response of two-layered grouted aggregate fibrous concrete composite under falling mass impact. <i>Construction and Building Materials</i> , <b>2020</b> , 263, 120628	6.7	50
50	Fibre-Reinforced Foamed Concretes: A Review. <i>Materials</i> , <b>2020</b> , 13,	3.5	49
49	Modified heat-insulating binder using jet-grinded waste of expanded perlite sand. <i>Construction and Building Materials</i> , <b>2020</b> , 260, 120440	6.7	4
48	Enhancement of fresh properties and performances of the eco-friendly gypsum-cement composite (EGCC). <i>Construction and Building Materials</i> , <b>2020</b> , 260, 120462	6.7	5
47	Investigation of the Potential Use of CurauFiber for Reinforcing Mortars. <i>Fibers</i> , <b>2020</b> , 8, 69	3.7	41
46	Structural Performance of Shear Loaded Precast EPS-Foam Concrete Half-Shaped Slabs. <i>Sustainability</i> , <b>2020</b> , 12, 9679	3.6	4
45	Heat Treatment of Basalt Fiber Reinforced Expanded Clay Concrete with Increased Strength for Cast-In-Situ Construction. <i>Fibers</i> , <b>2020</b> , 8, 67	3.7	15
44	Improving the performance of lime-sand finishing mixes. <i>Construction and Building Materials</i> , <b>2020</b> , 264, 120687	6.7	1
43	Design innovation, efficiency and applications of structural insulated panels: A review. <i>Structures</i> , <b>2020</b> , 27, 1358-1379	3.4	14
42	Improvement of Performances of the Gypsum-Cement Fiber Reinforced Composite (GCFRC). <i>Materials</i> , <b>2020</b> , 13,	3.5	35
41	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> , <b>2020</b> , 32, 04020315 <sup>3</sup>	3.0	15 <sup>3</sup>
40	Development of Bacterium for Crack Healing and Improving Properties of Concrete under WetDry and Full-Wet Curing. <i>Sustainability</i> , <b>2020</b> , 12, 10346	3.6	7
39	Experimental Tests and Reliability Analysis of the Cracking Impact Resistance of UHPFRC. <i>Fibers</i> , <b>2020</b> , 8, 74	3.7	31
38	Monitoring of heating systems as a factor of energy safety of buildings. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101384	5.2	4



37	Improving the behaviors of foam concrete through the use of composite binder. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101414	5.2	30
36	Analysis of Soil Susceptibility to Internal Suffusion in Selected Sites for Impoundment Objects. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 221, 012011	0.3	7
35	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> , <b>2019</b> , 226, 839-848	6.7	43
34	Experimental research on impact response of novel steel fibrous concretes under falling mass impact. <i>Construction and Building Materials</i> , <b>2019</b> , 222, 447-457	6.7	51
33	Structuring Behavior of Composite Materials Based on Cement, Limestone, and Acidic Ash. <i>Inorganic Materials</i> , <b>2019</b> , 55, 1079-1085	0.9	5
32	Thermodynamic Approach to Assessing the Curing of Protective and Decorative Coatings of Exterior Walls of Buildings. <i>Materials Science Forum</i> , <b>2019</b> , 974, 3-8	0.4	1
31	Performance Properties of High-Density Impermeable Cementitious Paste. <i>Journal of Materials in Civil Engineering</i> , <b>2019</b> , 31, 04019013	3	27
30	Environmental Hazard of Some Types of Expanded Polystyrene. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 115, 012007	0.3	6
29	Concretes for Underwater Structures. <i>Key Engineering Materials</i> , <b>2018</b> , 769, 3-8	0.4	7
28	Theoretical backgrounds of non-tempered materials production based on new raw materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 327, 042064	0.4	8
27	Review of methods for activation of binder and concrete mixes. <i>AIMS Materials Science</i> , <b>2018</b> , 5, 916-931	1.9	9
26	Application of cementitious composites in mechanical engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 327, 032021	0.4	6
25	Processing of Building Binder Materials to Increase their Activation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 115, 012045	0.3	2
24	Natural Effects on Offshore Structures in the Arctic. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 032063	0.4	2
23	Low-permeability Fiber-reinforcement Concrete of Composite Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 022058	0.4	3
22	Designing of special concretes for machine building. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1050, 012026	0.3	1
21	Features of building composites designing for their exploitation in extreme conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 456, 012054	0.4	3
20	Processing equipment for grinding of building powders. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 327, 042029	0.4	14

19	Mechanical Properties of Fiber-Reinforced Concrete Using Composite Binders. <i>Advances in Materials Science and Engineering</i> , <b>2017</b> , 2017, 1-13	1.5	26
18	Nature raw materials of Russian Primorsky Krai for concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 87, 052005	0.3	6
17	Fibrous Concrete with Reduced Permeability to Protect the Home Against the Fumes of Expanded Polystyrene. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 66, 012026	0.3	
16	Fine-Grained Concrete of Composite Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 262, 012025	0.4	29
15	Device for limiting single phase ground fault of mining machines. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 87, 032009	0.3	4
14	Using thermal power plants waste for building materials. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 87, 092010	0.3	22
13	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> , <b>2017</b> , 66, 012018	0.3	5
12	High-strength fibrous concrete of Russian Far East natural materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 116, 012020	0.4	21
11	Increase in composite binder activity. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 156, 012042	0.4	21
10	Composite binders for concrete with reduced permeability. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 116, 012021	0.4	13
9	Development of power supply devices for limitations of short circuit on the ship's hull. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 124, 012009	0.4	8
8	Modern Technologies of Nondestructive Testing of Construction Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 132, 012001	0.4	0
7	Mechanical Activation of Construction Binder Materials by Various Mills. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 125, 012019	0.4	22
6	The use of fly ash the thermal power plants in the construction. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2015</b> , 93, 012070	0.4	9
5	Study of Topology Optimized Hammerhead Pier Beam Made with Novel Preplaced Aggregate Fibrous Concrete. <i>Periodica Polytechnica: Civil Engineering</i> ,	1.2	8
4	Effect of polymineral systems and disperse reinforcement on self-compacting fibre concrete. <i>Magazine of Concrete Research</i> ,1-17	2	1
3	Estimation of the Probability of Cracking of Facade Coatings. <i>Materials Science Forum</i> ,1037, 675-683	0.4	
2	Characterization of Different Brazilian Soils for the Production of Ceramic Artifacts. <i>Materials Science Forum</i> ,1017, 123-132	0.4	2

1	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
---	---	-----	---