

# Roman Fediuk

## List of Publications by Year in descending order

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248  
papers

6,020  
citations

69737

41  
h-index

115152

63  
g-index

256  
all docs

256  
docs citations

256  
times ranked

7545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	20.9	718
2	Slag uses in making an ecofriendly and sustainable concrete: A review. <i>Construction and Building Materials</i> , 2021, 272, 121942.	7.2	144
3	The journey towards elimination of gambiense human African trypanosomiasis: not far, nor easy. <i>Parasitology</i> , 2014, 141, 748-760.	1.8	104
4	Fibre-Reinforced Foamed Concretes: A Review. <i>Materials</i> , 2020, 13, 4323.	3.0	102
5	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. <i>Polymers</i> , 2021, 13, 2493.	4.6	97
6	Fly Ash-Based Eco-Efficient Concretes: A Comprehensive Review of the Short-Term Properties. <i>Materials</i> , 2021, 14, 4264.	3.0	91
7	Use of Recycled Concrete Aggregates in Production of Green Cement-Based Concrete Composites: A Review. <i>Crystals</i> , 2021, 11, 232.	2.3	88
8	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, 3549.	3.0	86
9	AIM2 inflammasome mediates hallmark neuropathological alterations and cognitive impairment in a mouse model of vascular dementia. <i>Molecular Psychiatry</i> , 2021, 26, 4544-4560.	8.2	83
10	Rice Husk Ash-Based Concrete Composites: A Critical Review of Their Properties and Applications. <i>Crystals</i> , 2021, 11, 168.	2.3	79
11	Experimental Tests and Reliability Analysis of the Cracking Impact Resistance of UHPFRC. <i>Fibers</i> , 2020, 8, 74.	4.1	76
12	Infection Prevention and Control for Ebola in Health Care Settings – West Africa and United States. <i>MMWR Supplements</i> , 2016, 65, 50-56.	36.0	76
13	Impact response of two-layered grouted aggregate fibrous concrete composite under falling mass impact. <i>Construction and Building Materials</i> , 2020, 263, 120628.	7.2	75
14	Fiber-reinforced alkali-activated concrete: A review. <i>Journal of Building Engineering</i> , 2022, 45, 103638.	3.5	75
15	Acoustic Properties of Innovative Concretes: A Review. <i>Materials</i> , 2021, 14, 398.	3.0	74
16	Experimental research on impact response of novel steel fibrous concretes under falling mass impact. <i>Construction and Building Materials</i> , 2019, 222, 447-457.	7.2	73
17	Prolonged SARS-CoV-2 RNA detection in anal/rectal swabs and stool specimens in COVID-19 patients after negative conversion in nasopharyngeal RT-qPCR test. <i>Journal of Medical Virology</i> , 2020, 92, 2328-2331.	5.0	73
18	Impact performance of novel multi-layered prepacked aggregate fibrous composites under compression and bending. <i>Structures</i> , 2020, 28, 1502-1515.	3.7	72

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19	Investigation of the Potential Use of CurauÅ Fiber for Reinforcing Mortars. <i>Fibers</i> , 2020, 8, 69.	4.1	70
20	Multiple myeloma cell-derived microvesicles are enriched in CD147 expression and enhance tumor cell proliferation. <i>Oncotarget</i> , 2014, 5, 5686-5699.	2.1	60
21	miRNAs Regulation and Its Role as Biomarkers in Endometriosis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 93.	4.2	58
22	Technological Perspective for Use the Natural Pineapple Fiber in Mortar to Repair Structures. <i>Waste and Biomass Valorization</i> , 2021, 12, 5131-5145.	3.4	57
23	Impact Performance of Steel Fiber-Reinforced Self-Compacting Concrete against Repeated Drop Weight Impact. <i>Crystals</i> , 2021, 11, 91.	2.3	57
24	The Internally Truncated LRP5 Receptor Presents a Therapeutic Target in Breast Cancer. <i>PLoS ONE</i> , 2009, 4, e4243.	2.5	56
25	Effect of nano-modified additives on properties of concrete mixtures during winter season. <i>Construction and Building Materials</i> , 2020, 237, 117527.	7.2	56
26	Evaluation of Mode II Fracture Toughness of Hybrid Fibrous Geopolymer Composites. <i>Materials</i> , 2021, 14, 349.	3.0	56
27	Concrete with Partial Substitution of Waste Glass and Recycled Concrete Aggregate. <i>Materials</i> , 2022, 15, 430.	3.0	56
28	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.	7.2	55
29	A Critical Review on the Properties and Applications of Sulfur-Based Concrete. <i>Materials</i> , 2020, 13, 4712.	3.0	54
30	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. <i>Crystals</i> , 2021, 11, 695.	2.3	52
31	Improvement of Performances of the Gypsum-Cement Fiber Reinforced Composite (GCFRC). <i>Materials</i> , 2020, 13, 3847.	3.0	50
32	Self-Healing Concrete as a Prospective Construction Material: A Review. <i>Materials</i> , 2022, 15, 3214.	3.0	49
33	p21-activated kinase 1: PAK'ed with potential. <i>Oncotarget</i> , 2011, 2, 491-496.	2.1	48
34	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	46
35	Effect of Steel Fiber on the Strength and Flexural Characteristics of Coconut Shell Concrete Partially Blended with Fly Ash. <i>Materials</i> , 2022, 15, 4272.	3.0	46
36	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A100.	5.3	45

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37	Production of Greener High-Strength Concrete Using Russian Quartz Sandstone Mine Waste Aggregates. <i>Materials</i> , 2020, 13, 5575.	3.0	45
38	Palm Oil Fuel Ash-Based Eco-Efficient Concrete: A Critical Review of the Short-Term Properties. <i>Materials</i> , 2021, 14, 332.	3.0	45
39	3D-printable alkali-activated concretes for building applications: A critical review. <i>Construction and Building Materials</i> , 2022, 319, 126126.	7.2	45
40	Mechanical Properties of Fiber-Reinforced Concrete Using Composite Binders. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-13.	1.7	44
41	Heat Treatment of Basalt Fiber Reinforced Expanded Clay Concrete with Increased Strength for Cast-In-Situ Construction. <i>Fibers</i> , 2020, 8, 67.	4.1	44
42	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , 2021, 15, e00661.	1.7	44
43	Characterization of reactively sputtered c-axis aligned nanocrystalline InGaZnO <sub>4</sub> . <i>Applied Physics Letters</i> , 2014, 105, .	3.2	42
44	Improving the behaviors of foam concrete through the use of composite binder. <i>Journal of Building Engineering</i> , 2020, 31, 101414.	3.5	42
45	Urological chronic pelvic pain syndrome flares and their impact: qualitative analysis in the MAPP network. <i>International Urogynecology Journal</i> , 2015, 26, 1047-1060.	1.4	41
46	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.	7.2	41
47	Performance Properties of High-Density Impermeable Cementitious Paste. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	3.0	40
48	Recent Trends in Advanced Radiation Shielding Concrete for Construction of Facilities: Materials and Properties. <i>Polymers</i> , 2022, 14, 2830.	4.6	40
49	Mechanical Activation of Construction Binder Materials by Various Mills. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 125, 012019.	0.6	38
50	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.	3.5	38
51	The Influence of COVID-19-Induced Daily Activities on Health Parameters – A Case Study in Malaysia. <i>Sustainability</i> , 2021, 13, 7465.	3.3	37
52	Potential of Using Amazon Natural Fibers to Reinforce Cementitious Composites: A Review. <i>Polymers</i> , 2022, 14, 647.	4.6	37
53	Capacity to Develop Recycled Aggregate Concrete in South East Asia. <i>Buildings</i> , 2021, 11, 234.	3.2	34
54	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.	3.5	33

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55	A Sustainable Reuse of Agro-Industrial Wastes into Green Cement Bricks. <i>Materials</i> , 2022, 15, 1713.	3.0	33
56	Optimization of fresh properties and durability of the green gypsum-cement paste. <i>Construction and Building Materials</i> , 2021, 287, 123035.	7.2	31
57	Artificial Neural Network-Forecasted Compression Strength of Alkaline-Activated Slag Concretes. <i>Sustainability</i> , 2022, 14, 5214.	3.3	31
58	Thermal Performance of Structural Lightweight Concrete Composites for Potential Energy Saving. <i>Crystals</i> , 2021, 11, 461.	2.3	30
59	Modeling of Non-Ferrous Metallurgy Waste Disposal with the Production of Iron Silicides and Zinc Distillation. <i>Materials</i> , 2022, 15, 2542.	3.0	30
60	Design innovation, efficiency and applications of structural insulated panels: A review. <i>Structures</i> , 2020, 27, 1358-1379.	3.7	29
61	Flexural Strength of Concrete Beam Reinforced with CFRP Bars: A Review. <i>Materials</i> , 2022, 15, 1144.	3.0	29
62	Development of Bacterium for Crack Healing and Improving Properties of Concrete under Wet and Full-Wet Curing. <i>Sustainability</i> , 2020, 12, 10346.	3.3	28
63	Durability of geopolymers with industrial waste. <i>Case Studies in Construction Materials</i> , 2022, 16, e00839.	1.7	28
64	Enhancing performances of clay masonry materials based on nanosize mine waste. <i>Construction and Building Materials</i> , 2021, 269, 121333.	7.2	27
65	Impact response of novel layered two stage fibrous composite slabs with different support type. <i>Structures</i> , 2021, 29, 1-13.	3.7	26
66	Rheological Behavior and Strength Characteristics of Cement Paste and Mortar with Fly Ash and GGBS Admixtures. <i>Sustainability</i> , 2021, 13, 9600.	3.3	26
67	Study of the Properties of Antifriction Rings under Severe Plastic Deformation. <i>Materials</i> , 2022, 15, 2584.	3.0	26
68	Hardening of Bimetallic Wires from Secondary Materials Used in the Construction of Power Lines. <i>Materials</i> , 2022, 15, 3975.	3.0	26
69	Design Efficiency, Characteristics, and Utilization of Reinforced Foamed Concrete: A Review. <i>Crystals</i> , 2020, 10, 948.	2.3	25
70	Sudden Sensorineural Hearing Loss in Children Management and Outcomes: A Meta-analysis. <i>Laryngoscope</i> , 2021, 131, 425-434.	2.1	25
71	3D-Printed Mortars with Combined Steel and Polypropylene Fibers. <i>Fibers</i> , 2021, 9, 79.	4.1	25
72	Experimental Analysis of the Stress State of a Prestressed Cylindrical Shell with Various Structural Parameters. <i>Materials</i> , 2022, 15, 4996.	3.0	25

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73	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.	5.9	24
74	Effect of hydrothermal nanosilica on the performances of cement concrete. <i>Construction and Building Materials</i> , 2021, 269, 121307.	7.2	24
75	Palm Oil Fuel Ash-Based Eco-Friendly Concrete Composite: A Critical Review of the Long-Term Properties. <i>Materials</i> , 2021, 14, 7074.	3.0	24
76	Processing of Waste from Enrichment with the Production of Cement Clinker and the Extraction of Zinc. <i>Materials</i> , 2022, 15, 324.	3.0	24
77	Development of a Thermomechanical Treatment Mode for Stainless-Steel Rings. <i>Materials</i> , 2022, 15, 4930.	3.0	24
78	Influence of height and weight of drop hammer on impact strength and fracture toughness of two-stage fibrous concrete comprising nano carbon tubes. <i>Construction and Building Materials</i> , 2022, 349, 128782.	7.2	24
79	Thermodynamic Simulation of Environmental and Population Protection by Utilization of Technogenic Tailings of Enrichment. <i>Materials</i> , 2022, 15, 6980.	3.0	24
80	Processing equipment for grinding of building powders. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 327, 042029.	0.6	23
81	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. <i>Sustainability</i> , 2021, 13, 10720.	3.3	23
82	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	23
83	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. <i>Sustainability</i> , 2021, 13, 12226.	3.3	23
84	The use of fly ash the thermal power plants in the construction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 93, 012070.	0.6	22
85	Sound-Absorbing Acoustic Concretes: A Review. <i>Sustainability</i> , 2021, 13, 10712.	3.3	22
86	Impact Response of Preplaced Aggregate Fibrous Concrete Hammerhead Pier Beam Designed with Topology Optimization. <i>Crystals</i> , 2021, 11, 147.	2.3	22
87	Impact Resistance of Polypropylene Fibre-Reinforced Alkali-Activated Copper Slag Concrete. <i>Materials</i> , 2021, 14, 7735.	3.0	22
88	Analysis of Stress-Strain State for a Cylindrical Tank Wall Defected Zone. <i>Materials</i> , 2022, 15, 5732.	3.0	22
89	Structural Behavior of Fibrous-Ferrocement Panel Subjected to Flexural and Impact Loads. <i>Materials</i> , 2020, 13, 5648.	3.0	21
90	Improving the Hardened Properties of Nonautoclaved Silicate Materials Using Nanodispersed Mine Waste. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	3.0	21

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91	Microglia and neurons in the hippocampus of migratory sandpipers. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5005.	1.5	20
92	Impact Resistance of Functionally Layered Two-Stage Fibrous Concrete. <i>Fibers</i> , 2021, 9, 88.	4.1	20
93	Utilization of recycled carbon fiber reinforced polymer in cementitious composites: A critical review. <i>Journal of Building Engineering</i> , 2022, 53, 104583.	3.5	20
94	Liquidâ€“liquid displacement porosimetry applied to several MF and UF membranes. <i>Desalination</i> , 2013, 327, 14-23.	8.3	19
95	Gum Arabic Nanoparticles as Green Corrosion Inhibitor for Reinforced Concrete Exposed to Carbon Dioxide Environment. <i>Materials</i> , 2021, 14, 7867.	3.0	19
96	Drop Weight Impact Test on Prepacked Aggregate Fibrous Concreteâ€“An Experimental Study. <i>Materials</i> , 2022, 15, 3096.	3.0	19
97	Analysis of a Stress-Strain State of a Cylindrical Tank Wall Vertical Field Joint Zone. <i>Buildings</i> , 2022, 12, 1445.	3.2	19
98	The Langhian (Middle Badenian) carbonate production event in the Moravian part of the Carpathian Foredeep (Central Paratethys): a multiproxy record. <i>Facies</i> , 2015, 61, 1.	1.4	18
99	Obtaining sols, gels and mesoporous nanopowders of hydrothermal nanosilica. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 681-694.	2.3	18
100	Improving the Early Properties of Treated Soft Kaolin Clay with Palm Oil Fuel Ash and Gypsum. <i>Sustainability</i> , 2021, 13, 10910.	3.3	17
101	Increasing the Performance of a Fiber-Reinforced Concrete for Protective Facilities. <i>Fibers</i> , 2021, 9, 64.	4.1	17
102	Mechanical Properties of High-Performance Hybrid Fibre-Reinforced Concrete at Elevated Temperatures. <i>Sustainability</i> , 2021, 13, 13392.	3.3	17
103	Cyclically Loaded Copper Slag Admixed Reinforced Concrete Beams with Cement Partially Replaced with Fly Ash. <i>Materials</i> , 2022, 15, 3101.	3.0	17
104	Cementitious Grouts for Semi-Flexible Pavement Surfacesâ€“A Review. <i>Materials</i> , 2022, 15, 5466.	3.0	17
105	Demolition Waste Potential for Completely Cement-Free Binders. <i>Materials</i> , 2022, 15, 6018.	3.0	17
106	The role of early intra-operative MRI in partial resection of optic pathway/hypothalamic gliomas in children. <i>Child's Nervous System</i> , 2015, 31, 2055-2062.	1.1	16
107	Effect of Needle Type, Number of Layers on FPAFC Composite against Low-Velocity Projectile Impact. <i>Buildings</i> , 2021, 11, 668.	3.2	16
108	Destructive and Non-Destructive Testing of the Performance of Copper Slag Fiber-Reinforced Concrete. <i>Materials</i> , 2022, 15, 4536.	3.0	16

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109	Enhancement of fresh properties and performances of the eco-friendly gypsum-cement composite (EGCC). <i>Construction and Building Materials</i> , 2020, 260, 120462.	7.2	15
110	Thermal Behavior and Energy Efficiency of Modified Concretes in the Tropical Climate: A Systemic Review. <i>Sustainability</i> , 2021, 13, 11957.	3.3	15
111	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.	7.2	15
112	Four-component high-strength polymineral binders. <i>Construction and Building Materials</i> , 2022, 316, 125934.	7.2	15
113	The Effect of Superabsorbent Polymer and Nano-Silica on the Properties of Blended Cement. <i>Crystals</i> , 2021, 11, 1394.	2.3	15
114	Experimental Investigation on Geopolymer Concrete with Various Sustainable Mineral Ashes. <i>Materials</i> , 2021, 14, 7596.	3.0	15
115	Structural behavior of out-of-plane loaded precast lightweight EPS-foam concrete C-shaped slabs. <i>Journal of Building Engineering</i> , 2021, 33, 101597.	3.5	14
116	Experimental Investigation on Composite Deck Slab Made of Cold-Formed Profiled Steel Sheeting. <i>Metals</i> , 2021, 11, 229.	2.4	14
117	Recycled PET Sand for Cementitious Mortar. <i>Materials</i> , 2022, 15, 273.	3.0	14
118	Fresh and mechanical properties of low-cement mortars for 3D printing. <i>Construction and Building Materials</i> , 2022, 338, 127644.	7.2	14
119	Membrane concentration of hydrothermal SiO <sub>2</sub> nanoparticles. <i>Separation and Purification Technology</i> , 2020, 251, 117290.	8.1	13
120	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> , 2021, 9, 14.	4.1	13
121	S18 family of mitochondrial ribosomal proteins: evolutionary history and Gly132 polymorphism in colon carcinoma. <i>Oncotarget</i> , 2016, 7, 55649-55662.	2.1	13
122	Review of methods for activation of binder and concrete mixes. <i>AIMS Materials Science</i> , 2018, 5, 916-931.	1.4	13
123	Utilization of Biomass to Ash: An Overview of the Potential Resources for Alternative Energy. <i>Materials</i> , 2021, 14, 6482.	3.0	13
124	Employing an Artificial Neural Network in Correlating a Hydrogen-Selective Catalytic Reduction Performance with Crystallite Sizes of a Biomass-Derived Bimetallic Catalyst. <i>Catalysts</i> , 2022, 12, 779.	3.6	13
125	Recyclable Materials for Ecofriendly Technology. <i>Materials</i> , 2022, 15, 7133.	3.0	13
126	Emerging Role of Myeloid-derived Suppressor Cells in the Biology of Transplantation Tolerance. <i>Transplantation</i> , 2020, 104, 467-475.	1.1	12



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127	Hydrothermal SiO <sub>2</sub> Nanopowders: Obtaining Them and Their Characteristics. <i>Nanomaterials</i> , 2020, 10, 624.	4.2	12
128	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. <i>Crystals</i> , 2021, 11, 323.	2.3	12
129	Increase the Performances of Lime Finishing Mixes Due to Modification with Calcium Silicate Hydrates. <i>Crystals</i> , 2021, 11, 399.	2.3	12
130	Performance Investigation of the Incorporation of Ground Granulated Blast Furnace Slag with Fly Ash in Autoclaved Aerated Concrete. <i>Crystals</i> , 2022, 12, 1024.	2.3	12
131	Nanocrystalline magnesium ferrite prepared for photocatalytic applications by using the polymerized complex method. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1639-1645.	0.7	11
132	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.	0.6	11
133	A pilot-study to assess the feasibility and acceptability of an Internet-based cognitive-behavior group therapy using video conference for patients with coronary artery heart disease. <i>PLoS ONE</i> , 2018, 13, e0207931.	2.5	11
134	Faience Waste for the Production of Wall Products. <i>Materials</i> , 2021, 14, 6677.	3.0	11
135	Porous Fly Ash/Aluminosilicate Microspheres-Based Composites Containing Lightweight Granules Using Liquid Glass as Binder. <i>Polymers</i> , 2022, 14, 3461.	4.6	11
136	A compendious review on the influence of e-waste aggregates on the properties of concrete. <i>Case Studies in Construction Materials</i> , 2023, 18, e01740.	1.7	11
137	Changes of the surface and properties of multi-walled carbon nanotubes in physicochemical modification. <i>Russian Journal of Applied Chemistry</i> , 2015, 88, 1229-1234.	0.5	10
138	American BRCA Outcomes and Utilization of Testing (ABOUT) Study: A Pragmatic Research Model that Incorporates Personalized Medicine/Patient-Centered Outcomes in a Real World Setting. <i>Journal of Genetic Counseling</i> , 2015, 24, 18-28.	1.7	10
139	Amorphous Aluminosilicates as a Structure-Forming Additive in Cementitious Systems. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	3.0	10
140	Response of Novel Functionally-Graded Prepacked Aggregate Fibrous Concrete against Low Velocity Repeated Projectile Impacts. <i>Materials</i> , 2021, 14, 280.	3.0	10
141	Obtaining and Properties of a Photocatalytic Composite Material of the "SiO <sub>2</sub> -TiO <sub>2</sub> "-System Based on Various Types of Silica Raw Materials. <i>Nanomaterials</i> , 2021, 11, 866.	4.2	10
142	Study of Topology Optimized Hammerhead Pier Beam Made with Novel Preplaced Aggregate Fibrous Concrete. <i>Periodica Polytechnica: Civil Engineering</i> , 0, , .	0.5	10
143	Foam Glass Crystalline Granular Material from a Polymineral Raw Mix. <i>Crystals</i> , 2021, 11, 1447.	2.3	10
144	Climate-Adaptive Façades with an Air Chamber. <i>Buildings</i> , 2022, 12, 366.	3.2	10

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145	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. Sustainability, 2022, 14, 325.	3.3	10
146	Influence of Impurities on the Process of Obtaining Calcium Carbonate during the Processing of Phosphogypsum. Materials, 2022, 15, 4335.	3.0	10
147	Improving the Performances of a Mortar for 3D Printing by Mineral Modifiers. Buildings, 2022, 12, 1181.	3.2	10
148	Effect of Condensed Tannins on Bovine Rumen Protist Diversity Based on 18S <i>rRNA</i> Gene Sequences. Journal of Eukaryotic Microbiology, 2013, 60, 98-100.	1.8	9
149	Structuring Behavior of Composite Materials Based on Cement, Limestone, and Acidic Ash. Inorganic Materials, 2019, 55, 1079-1085.	0.8	9
150	Effect of an Aluminosilicate Disperse Additive on Behaviors of Autoclave Silicate Materials. Buildings, 2021, 11, 239.	3.2	9
151	Mixed Finite Element Formulation for Navier–Stokes Equations for Magnetic Effects on Biomagnetic Fluid in a Rectangular Channel. Materials, 2022, 15, 2865.	3.0	9
152	Removing Pollutants from Sewage Waters with Ground Apricot Kernel Shell Material. Materials, 2022, 15, 3428.	3.0	9
153	Technogenic Fiber Wastes for Optimizing Concrete. Materials, 2022, 15, 5058.	3.0	9
154	Concretes for Underwater Structures. Key Engineering Materials, 2018, 769, 3-8.	0.2	8
155	Application of cementitious composites in mechanical engineering. IOP Conference Series: Materials Science and Engineering, 2018, 327, 032021.	0.6	8
156	Modified heat-insulating binder using jet-grinded waste of expanded perlite sand. Construction and Building Materials, 2020, 260, 120440.	7.2	8
157	Structural Performance of Shear Loaded Precast EPS-Foam Concrete Half-Shaped Slabs. Sustainability, 2020, 12, 9679.	3.3	8
158	Synthesis of <i>Trans</i> -4 <i>a</i> ,12 <i>b</i> /3,4-dihydrodibenzo[ <i>f</i> , <i>h</i> ]quinolin-2(1 <i>H</i> )- <i>Ones</i> and Dibenzo[ <i>f</i> , <i>h</i> ]quinolin-2(1 <i>H</i> )- <i>Ones</i> <i>via</i> Irradiation of 6 <i>a</i> -Biphenylpyridine-2(1 <i>H</i> )- <i>Ones</i> . Advanced Synthesis and Catalysis, 2021, 363, 3554-3559.	4.5	8
159	Self-Healing Construction Materials: The Geomimetic Approach. Sustainability, 2021, 13, 9033.	3.3	8
160	Effects of Admixtures on Energy Consumption in the Process of Ready-Mixed Concrete Mixing. Materials, 2022, 15, 4143.	3.0	8
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