

# Sergey V Klyuev

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,287  
citations

361045

20  
h-index

395343

33  
g-index

50  
all docs

50  
docs citations

50  
times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibre-Reinforced Foamed Concretes: A Review. <i>Materials</i> , 2020, 13, 4323.	1.3	90
2	Fly Ash-Based Eco-Efficient Concretes: A Comprehensive Review of the Short-Term Properties. <i>Materials</i> , 2021, 14, 4264.	1.3	84
3	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.	1.3	76
4	Use of Recycled Concrete Aggregates in Production of Green Cement-Based Concrete Composites: A Review. <i>Crystals</i> , 2021, 11, 232.	1.0	73
5	Experimental Tests and Reliability Analysis of the Cracking Impact Resistance of UHPFRC. <i>Fibers</i> , 2020, 8, 74.	1.8	68
6	Investigation of the Potential Use of Curau <sup>®</sup> Fiber for Reinforcing Mortars. <i>Fibers</i> , 2020, 8, 69.	1.8	65
7	A Critical Review on the Properties and Applications of Sulfur-Based Concrete. <i>Materials</i> , 2020, 13, 4712.	1.3	49
8	Heat Treatment of Basalt Fiber Reinforced Expanded Clay Concrete with Increased Strength for Cast-In-Situ Construction. <i>Fibers</i> , 2020, 8, 67.	1.8	41
9	Fiber Concrete for Industrial and Civil Construction. <i>Materials Science Forum</i> , 0, 945, 120-124.	0.3	40
10	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. <i>Crystals</i> , 2021, 11, 695.	1.0	38
11	Fiber Concrete on the Basis of Composite Binder and Technogenic Raw Materials. <i>Materials Science Forum</i> , 0, 931, 603-607.	0.3	37
12	Fibers and their Properties for Concrete Reinforcement. <i>Materials Science Forum</i> , 0, 945, 125-130.	0.3	37
13	Strengthening of Concrete Structures with Composite Based on Carbon Fiber. <i>Journal of Computational and Theoretical Nanoscience</i> , 2019, 16, 2810-2814.	0.4	37
14	Fiber Concrete for 3-D Additive Technologies. <i>Materials Science Forum</i> , 2019, 974, 367-372.	0.3	35
15	To the Question of Fiber Reinforcement of Concrete. <i>Materials Science Forum</i> , 0, 945, 25-29.	0.3	34
16	Experimental Study of Fiber-Reinforced Concrete Structures. <i>Materials Science Forum</i> , 2019, 945, 115-119.	0.3	34
17	The Micro Silicon Additive Effects on the Fine-Grassed Concrete Properties for 3-D Additive Technologies. <i>Materials Science Forum</i> , 2019, 974, 131-135.	0.3	34
18	External reinforcing of fiber concrete constructions by carbon fiber tapes. <i>Magazine of Civil Engineering</i> , 2013, 36, 21-26.	1.9	29

#	ARTICLE	IF	CITATIONS
19	Capacity to Develop Recycled Aggregate Concrete in South East Asia. Buildings, 2021, 11, 234.	1.4	28
20	Modeling of Non-Ferrous Metallurgy Waste Disposal with the Production of Iron Silicides and Zinc Distillation. Materials, 2022, 15, 2542.	1.3	28
21	Fine-grained concrete with combined reinforcement by different types of fibers. MATEC Web of Conferences, 2018, 245, 03006.	0.1	27
22	The Fiber-Reinforced Concrete Constructions Experimental Research. Materials Science Forum, 2018, 931, 598-602.	0.3	27
23	Study of the Properties of Antifriction Rings under Severe Plastic Deformation. Materials, 2022, 15, 2584.	1.3	25
24	Heavy loaded floors based on fine-grained fiber concrete. Magazine of Civil Engineering, 2013, 38, 7-14.	1.9	21
25	Palm Oil Fuel Ash-Based Eco-Friendly Concrete Composite: A Critical Review of the Long-Term Properties. Materials, 2021, 14, 7074.	1.3	21
26	TECHNOGENIC SANDS AS EFFECTIVE FILLER FOR FINE-GRAINED FIBRE CONCRETE. Journal of Physics: Conference Series, 2018, 1118, 012020.	0.3	20
27	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. Sustainability, 2021, 13, 10720.	1.6	20
28	Impact Resistance of Functionally Layered Two-Stage Fibrous Concrete. Fibers, 2021, 9, 88.	1.8	19
29	Improving the Early Properties of Treated Soft Kaolin Clay with Palm Oil Fuel Ash and Gypsum. Sustainability, 2021, 13, 10910.	1.6	15
30	Mechanical Properties of High-Performance Hybrid Fibre-Reinforced Concrete at Elevated Temperatures. Sustainability, 2021, 13, 13392.	1.6	15
31	Increasing the Performance of a Fiber-Reinforced Concrete for Protective Facilities. Fibers, 2021, 9, 64.	1.8	14
32	Fresh and mechanical properties of low-cement mortars for 3D printing. Construction and Building Materials, 2022, 338, 127644.	3.2	13
33	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. Crystals, 2021, 11, 323.	1.0	11
34	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. Fibers, 2021, 9, 14.	1.8	10
35	Fiber concrete containing composite binders and technogenic sands of Kursk magnetic anomaly for flexural structures. Magazine of Civil Engineering, 2012, 29, 41-47.	1.9	10
36	Catalytic gasification of oil sludge with calcined dolomite. Petroleum Science and Technology, 2018, 36, 1998-2002.	0.7	6

#	ARTICLE	IF	CITATIONS
37	Optimal Engineering of Rod Spatial Construction. Journal of Computational and Theoretical Nanoscience, 2019, 16, 200-203.	0.4	6
38	Numerical Analysis of Piled-Raft Foundations on Multi-Layer Soil Considering Settlement and Swelling. Buildings, 2022, 12, 356.	1.4	6
39	Improving the Durability of Lime Finishing Mortars by Modifying Them with Silicic Acid Sol. Materials, 2022, 15, 2360.	1.3	6
40	Management of the Design Parameters in Optimal Design Problems. Materials Science Forum, 2019, 974, 723-728.	0.3	3
41	Reinforcement of Flexural Members with Basalt Fiber Mortar. Fibers, 2021, 9, 26.	1.8	3
42	Building Constructions Optimization According to Genetic Algorithm. Journal of Computational and Theoretical Nanoscience, 2019, 16, 2950-2953.	0.4	3
43	Benefit Evaluation Model of Prefabricated Buildings in Seasonally Frozen Regions. Energies, 2021, 14, 7119.	1.6	3
44	Compaction Characteristics and Permeability of Expansive Shale Stabilized with Locally Produced Waste Materials. Materials, 2022, 15, 2138.	1.3	3
45	Improvement of technical means for recycling of technogenic waste to construction fiber. Case Studies in Construction Materials, 2022, 16, e01071.	0.8	3
46	Steam gasification of oil sludge with calcined olivine. Petroleum Science and Technology, 2019, 37, 2350-2354.	0.7	1
47	Modified Lime Binders for Restoration Work. Buildings, 2021, 11, 98.	1.4	1
48	Phase formation of mortar using technogenic fibrous materials. Case Studies in Construction Materials, 2022, 16, e01099.	0.8	0