Valery Lesovik

List of Publications by Citations

39 papers	342 citations	12 h-index	16 g-index
42 ext. papers	478 ext. citations	1.7 avg, IF	4.21 L-index

#	Paper	IF	Citations
39	Improvement of Performances of the Gypsum-Cement Fiber Reinforced Composite (GCFRC). *Materials*, **2020**, 13,	3.5	35
38	Improving the behaviors of foam concrete through the use of composite binder. *Journal of Building Engineering*, **2020**, 31, 101414	5.2	30
37	New point of view on materials development. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 032020	0.4	25
36	Production of Greener High-Strength Concrete Using Russian Quartz Sandstone Mine Waste Aggregates. *Materials*, **2020**, 13,	3.5	21
35	Composite Gypsum Binders with Silica-containing Additives. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 032015	0.4	19
34	Use of geonics scientific positions for designing of building composites for protective (fortification) structures. *IOP Conference Series: Materials Science and Engineering*, **2017**, 221, 012011	0.4	16
33	Acoustic Properties of Innovative Concretes: A Review. *Materials*, **2021**, 14,	3.5	16
32	Analysis of the Causes of Brickwork Efflorescence in the Aral Sea Region. *Glass and Ceramics (English Translation of Steklo I Keramika)*, **2020**, 77, 277-279	0.6	15
31	Peculiarities of non-autoclaved lime wall materials production using clays. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 022021	0.4	14
30	Processing equipment for grinding of building powders. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 042029	0.4	14
29	Nanostructured Wood Mineral Composite. *Procedia Engineering*, **2015**, 117, 45-51		13
28	Optimization of fresh properties and durability of the green gypsum-cement paste. *Construction and Building Materials*, **2021**, 287, 123035	6.7	13
27	Synergetics of hardening construction systems. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 032056	0.4	11
26	Quality evaluation of carbonaceous industrial by-products and its effect on properties of autoclave aerated concrete. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 042033	0.4	8
25	Theoretical backgrounds of non-tempered materials production based on new raw materials. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 042064	0.4	8
24	Fine-Grainedcellular Concrete Creep Analysis Technique with Consideration Forcarbonation. *Modern Applied Science*, **2014**, 9,	1.3	8
23	Concretes for Underwater Structures. *Key Engineering Materials*, **2018**, 769, 3-8	0.4	7

22	3D-Printed Mortars with Combined Steel and Polypropylene Fibers. *Fibers*, **2021**, 9, 79	3.7	6
21	Role of Solutions when Metasomatic Transformations in Construction Composites. *Materials Science Forum*, **2019**, 974, 168-174	0.4	6
20	On the Issue of Reducing the Energy Intensity of the Silicate Composites Production with the Unconventional Aluminosilicate Raw Materials Use. *Materials Science Forum*, **2019**, 974, 20-25	0.4	6
19	Application of cementitious composites in mechanical engineering. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 032021	0.4	6
18	Enhancement of fresh properties and performances of the eco-friendly gypsum-cement composite (EGCC). *Construction and Building Materials*, **2020**, 260, 120462	6.7	5
17	Zeolite-Containing Terra-Silicea as a Component of Composite Binders. *Materials Science Forum*, **2019**, 974, 136-141	0.4	5
16	Link of Self-Compacting Fiber Concrete Behaviors to Composite Binders and Superplasticizer. *Journal of Advanced Concrete Technology*, **2020**, 18, 67-82	2.3	3
15	Four-component high-strength polymineral binders. *Construction and Building Materials*, **2022**, 316, 125934	3.4	3
14	"Green" Composites for North-Arctic Region Development. *Open Ecology Journal*, **2014**, 7, 32-36	2	3
13	Improvement of Mechanical and Durability Behaviors of Textile Concrete: Effect of Polymineral Composite Binders and Superabsorbent Polymers. *Journal of Materials in Civil Engineering*, **2020**, 32, 04020315	3	3
12	The Raw Materials Genetic Characteristics Role in Autoclave Cellular Concrete Carbonation Process. *Materials Science Forum*, **2019**, 974, 224-230	0.4	3
11	Peculiarities of binding composition production in vortex jet mill. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 042128	0.4	3
10	Influence of man-made aluminosilicate raw materials on physical and mechanical properties of building materials.. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 022104	0.4	3
9	Textile-reinforced concrete using composite binder based on new types of mineral raw materials. *IOP Conference Series: Materials Science and Engineering*, **2018**, 327, 032033	0.4	3
8	Quality Control of Building Materials According to Uncertainty of Measurement and Stability of the Technological Process of Production. *Solid State Phenomena*, **2020**, 299, 1161-1165	0.4	2
7	Effective Composites Employing Fast-Hardening Gypsum Cement Binders for Additive Manufacturing **2017**,		2
6	Granular Aggregates Based on Finely Dispersed Substandard Raw Materials. *Crystals*, **2021**, 11, 369	2.3	2
5	Self-Healing Construction Materials: The Geomimetic Approach. *Sustainability*, **2021**, 13, 9033	3.6	2

4	Fast-Curing Composites Based on Multicomponent Gypsum Binders. *Journal of Materials in Civil Engineering*, **2020**, 32, 04020234	3	1
3	Investigation of the Synthesized Calcium Hydrosilicates Effect on the Properties of Energy-Saving Wall Silicate Blocks Obtained on the Basis of Technogenic Raw Materials. *Materials Science Forum* ,1043, 93-99	0.4	1
2	Eco-Cement for 3D-Additive Technologies in Construction. *Lecture Notes in Civil Engineering*, **2021**, 108-112	0.3	
1	Phase-structural irregularity of the mechanically activated saponite-containing material surface. *Journal of Physics: Conference Series*, **2018**, 1038, 012139	0.3	