

Oleg Stolyarov

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

302
citations

933447

10
h-index

996975

15
g-index

39
all docs

39
docs citations

39
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fabric structures on the tensile properties of warp-knitted fabrics used as concrete reinforcements. <i>Textile Research Journal</i> , 2015, 85, 1934-1945.	2.2	32
2	Manufacturing of textiles for civil engineering applications. , 2016, , 3-24.		28
3	Carbon rovings as strain sensors for structural health monitoring of engineering materials and structures. <i>Journal of Strain Analysis for Engineering Design</i> , 2016, 51, 482-492.	1.8	25
4	Influence of process parameters on filament distribution and blending quality in commingled yarns used for thermoplastic composites. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 350-363.	4.2	23
5	Influence of the fabric construction parameters and roving type on the tensile property retention of high-performance rovings in warp-knitted reinforced fabrics and cement-based composites. <i>Journal of Industrial Textiles</i> , 2017, 47, 453-471.	2.4	21
6	Effect of coating type on the mechanical performance of warp-knitted fabrics and cement-based composites. <i>Journal of Composite Materials</i> , 2018, 52, 2563-2576.	2.4	17
7	A method for investigating blending quality of commingled yarns. <i>Textile Research Journal</i> , 2013, 83, 122-129.	2.2	16
8	Neural network model of rupture conditions for elastic material sample based on measurements at static loading under different strain rates. <i>Journal of Physics: Conference Series</i> , 2016, 772, 012032.	0.4	16
9	Flexural Behavior of Textile-Reinforced Concrete. <i>MATEC Web of Conferences</i> , 2016, 53, 01016.	0.2	13
10	Process-structure relationship of carbon/ polyphenylene sulfide commingled hybrid yarns used for thermoplastic composites. <i>Journal of Industrial Textiles</i> , 2016, 45, 1661-1673.	2.4	13
11	Neural network modeling of conditions of destruction of wood plank based on measurements. <i>Journal of Physics: Conference Series</i> , 2016, 772, 012041.	0.4	10
12	Title is missing!. <i>Fibre Chemistry</i> , 2003, 35, 164-167.	0.2	8
13	Characterization of change in polypropylene spunbond nonwoven fabric fiber orientation during deformation based on image analysis and Fourier transforms. <i>Journal of Strain Analysis for Engineering Design</i> , 2017, 52, 457-466.	1.8	8
14	Effect of cold rolling route on deformation mechanism and texture evolution of thin beryllium foils: Experiment and VPSC simulation. <i>Materials Characterization</i> , 2020, 164, 110350.	4.4	8
15	Characterization of shear behavior of warp-knitted fabrics applied to composite reinforcement. <i>Journal of the Textile Institute</i> , 2017, 108, 89-94.	1.9	7
16	Structure evolution and mechanical properties of beryllium foils subjected to cold rolling and high-vacuum annealing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 750, 60-69.	5.6	7
17	Application of Stepped Isothermal Method for Prediction the Creep Behavior of Extruded Polypropylene Geogrid. <i>Applied Mechanics and Materials</i> , 2015, 725-726, 611-616.	0.2	6
18	Mechanical properties of polymer composites reinforced with knit fabrics made of high-strength aramid fibres. <i>Fibre Chemistry</i> , 2009, 41, 53-55.	0.2	5

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19	Hybrid Textile Yarns and Thermoplastic Composites Based on Them. <i>Fibre Chemistry</i> , 2013, 45, 217-220.	0.2	5
20	Creep and stress relaxation behavior of woven polyester fabrics: experiment and modeling. <i>Mechanics of Time-Dependent Materials</i> , 2023, 27, 207-226.	4.4	5
21	Effect of introduction of fullerene soot on mechanical properties of unidirectional thermoplastic tape. <i>MATEC Web of Conferences</i> , 2018, 245, 04011.	0.2	4
22	Effects of structure type on viscoelastic properties of geosynthetics. <i>Magazine of Civil Engineering</i> , 2015, 56, 11-18.	1.9	4
23	Enhanced mechanical properties of hot-rolled beryllium foils. <i>Materialia</i> , 2020, 11, 100726.	2.7	3
24	Commingled composites. , 2021, , 439-460.		3
25	Deformation behavior of medical synthetic monofilaments. <i>Fibre Chemistry</i> , 2008, 40, 318-321.	0.2	2
26	Design of Lightweight Glass-Fibre-Reinforced Epoxy I-Beam for Structural Applications. <i>Applied Mechanics and Materials</i> , 0, 725-726, 617-622.	0.2	1
27	Relationship Between Structure and Viscoelastic Properties of Geosynthetics. <i>MATEC Web of Conferences</i> , 2016, 53, 01015.	0.2	1
28	Effects of specimen shape and process parameters on the mechanical properties of thin beryllium foils. <i>Materials Today: Proceedings</i> , 2020, 30, 660-664.	1.8	1
29	Structure and properties of textile reinforced concrete. <i>Magazine of Civil Engineering</i> , 2015, 59, 50-56.	1.9	1
30	Strength and Stability of Arched Frame Structures Made of Brittle Material. <i>Applied Mechanics and Materials</i> , 0, 725-726, 758-767.	0.2	0
31	The Effect of Weathering and Biological Exposure on the Tensile Properties of Nonwoven Geotextile. <i>Applied Mechanics and Materials</i> , 0, 725-726, 636-641.	0.2	0
32	Development and Investigation of Mechanical Properties of Glass Fiber Reinforced Concrete. <i>Applied Mechanics and Materials</i> , 0, 725-726, 642-647.	0.2	0
33	Estimating the Distribution of Different Types of Fibers in Cross Sections of Two-Component Hybrid Yarn. <i>Fibre Chemistry</i> , 2016, 47, 394-396.	0.2	0
34	Neural Network Installation of the Functional Dependence of Mechanical Behavior in the Expansion of Elastic Material from Temperature. <i>Communications in Computer and Information Science</i> , 2021, , 229-237.	0.5	0
35	Analysis of reinforcement efficiency and microscopic characterization of glass and carbon roving geometry in prestressed concrete composites. <i>Journal of Composite Materials</i> , 2021, 55, 3293-3305.	2.4	0
36	Strain measurement in concrete using embedded carbon roving-based sensors. <i>Materialpruefung/Materials Testing</i> , 2016, 58, 767-771.	2.2	0

#	ARTICLE	IF	CITATIONS
37	Comparison of pull-out behavior of glass, basalt, and carbon rovings embedded in fine-grain concrete and geopolymer. Materialpruefung/Materials Testing, 2022, 64, 746-753.	2.2	0