

# SoĀ^a RusnĀ;kovĀ;

## List of Publications by Year in descending order

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30  
papers

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citations

1684188

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h-index

1474206

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35  
docs citations

35  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Prestressed Fibre-Reinforced Polymer Matrix Composites. <i>Polymers</i> , 2022, 14, 60.	4.5	5
2	Thermal analysis of postcured aramid fiber/epoxy composites. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 479-489.	3.3	3
3	3D Printed Hollow Off-Axis Profiles Based on Carbon Fiber-Reinforced Polymers: Mechanical Testing and Finite Element Method Analysis. <i>Polymers</i> , 2021, 13, 2949.	4.5	13
4	Preparation, Thermal Analysis, and Mechanical Properties of Basalt Fiber/Epoxy Composites. <i>Polymers</i> , 2020, 12, 1785.	4.5	20
5	Hyperelastic Material Characterization: How the Change in Mooney-Rivlin Parameter Values Effect the Model Curve. <i>Materials Science Forum</i> , 2020, 994, 265-271.	0.3	5
6	A monitoring of the kinetics thermally degradation selected rubber by electrical methods. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
7	INNOVATION OF ILIZAROV STABILIZATION DEVICE WITH THE DESIGN CHANGES. <i>MM Science Journal</i> , 2019, 2019, 2732-2738.	0.4	2
8	Verification of Material Composition and Manufacturing Process of Carbon Fibre Wheel. <i>Manufacturing Technology</i> , 2019, 19, 280-283.	1.4	4
9	MOLD DESIGN FOR RINGS OF EXTERNAL FIXATOR. <i>MM Science Journal</i> , 2019, 2019, 2739-2746.	0.4	3
10	Optimization of the Material of External Fixator with FEM Simulation. <i>Materials Science Forum</i> , 2018, 919, 275-281.	0.3	4
11	Preparation and Dynamic Mechanical Analysis of Glass or carbon Fiber/Polymer Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 362, 012005.	0.6	13
12	Detecting Water in Composite Sandwich Panels by Using Infrared Thermography. <i>Materials Science Forum</i> , 2017, 891, 516-521.	0.3	3
13	Effects of Core Softness and Bimodularity of Fibreglass Layers on Flexural Stiffness of Polymer Sandwich Structures. <i>MATEC Web of Conferences</i> , 2017, 121, 03022.	0.2	0
14	OOA composite structures applicable in railway industry. <i>MATEC Web of Conferences</i> , 2017, 121, 01015.	0.2	0
15	On Flexural Stiffness of Polymer Sandwich Walls. <i>Materials Science Forum</i> , 2016, 862, 115-122.	0.3	0
16	Cutting-tool performance in the end milling of carbon-fiber-reinforced plastics. <i>Materiali in Tehnologije</i> , 2016, 50, 819-822.	0.5	3
17	The research of the engineering pedagogy. , 2015, , .		1
18	Flame resistance and mechanical properties of composites based on new advanced resin system FR4/12. <i>Materiali in Tehnologije</i> , 2015, 49, 821-824.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Influence of the type and number of prepreg layers on the flexural strength and fatigue life of honeycomb sandwich structures. <i>Materiali in Tehnologije</i> , 2015, 49, 515-519.	0.5	0
20	Influence of Honeycomb Core Compression on the Mechanical Properties of the Sandwich Structure. <i>Applied Mechanics and Materials</i> , 2013, 486, 283-288.	0.2	0
21	Application of Artificial Neural Networks in Chosen Glass Laminates Properties Prediction. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 1113-1120.	0.4	0
22	Processing engineering of large composites structures using low-pressure vacuum infusion. <i>Manufacturing Technology</i> , 2012, 12, 83-86.	1.4	7
23	Vibration of Composite Plate - Mathematical Modelling and Experimental Verification by ESPI. <i>Communications in Computer and Information Science</i> , 2011, , 322-328.	0.5	0
24	<title>The possibilities of electronic speckle pattern interferometry by investigation of composite materials</title>. , 2006, , .		1
25	Design and Verification of Sandwich Structures for High Speed Trains. <i>Key Engineering Materials</i> , 0, 586, 72-75.	0.4	0
26	Influence of Processing Parameters Production of Sandwich Composite Structures Designed Especially for the Construction of Machine Tool Parts. <i>Applied Mechanics and Materials</i> , 0, 616, 333-343.	0.2	6
27	Manufacturing and Mechanical Characterization of Bio-Based Laminates and Sandwich Structures. <i>Materials Science Forum</i> , 0, 891, 542-546.	0.3	5
28	The Limits of Vacuum Infusion Technology during the Production of Filled Polymer Composite Systems. <i>Materials Science Forum</i> , 0, 919, 175-181.	0.3	0
29	The Technological Properties of Polymer Composites Containing Waste Sheep Wool Filler. <i>Materials Science Forum</i> , 0, 994, 170-178.	0.3	5
30	FEM Optimization of a Steel Belt of OTR Tyres. <i>Materials Science Forum</i> , 0, 994, 272-279.	0.3	0