SoÅˆa RusnÃ¡kovÃ¡

List of Publications by Year
in descending order

30	109	1684188 5	1474206 9
papers	citations	h-index	g-index

35	35	35	78
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation, Thermal Analysis, and Mechanical Properties of Basalt Fiber/Epoxy Composites. Polymers, 2020, 12, 1785.	4.5	20
2	Preparation and Dynamic Mechanical Analysis of Glass or carbon Fiber/Polymer Composites. IOP Conference Series: Materials Science and Engineering, 2018, 362, 012005.	0.6	13
3	3D Printed Hollow Off-Axis Profiles Based on Carbon Fiber-Reinforced Polymers: Mechanical Testing and Finite Element Method Analysis. Polymers, 2021, 13, 2949.	4.5	13
4	Processing engineering of large composites structures using low-pressure vacuum infusion. Manufacturing Technology, 2012, 12, 83-86.	1.4	7
5	Influence of Processing Parameters Production of Sandwich Composite Structures Designed Especially for the Construction of Machine Tool Parts. Applied Mechanics and Materials, 0, 616, 333-343.	0.2	6
6	Manufacturing and Mechanical Characterization of Bio-Based Laminates and Sandwich Structures. Materials Science Forum, 0, 891, 542-546.	0.3	5
7	The Technological Properties of Polymer Composites Containing Waste Sheep Wool Filler. Materials Science Forum, 0, 994, 170-178.	0.3	5
8	Hyperelastic Material Characterization: How the Change in Mooney-Rivlin Parameter Values Effect the Model Curve. Materials Science Forum, 2020, 994, 265-271.	0.3	5
9	A Review of Prestressed Fibre-Reinforced Polymer Matrix Composites. Polymers, 2022, 14, 60.	4.5	5
10	Optimization of the Material of External Fixator with FEM Simulation. Materials Science Forum, 2018, 919, 275-281.	0.3	4
11	Verification of Material Composition and Manufacturing Process of Carbon Fibre Wheel. Manufacturing Technology, 2019, 19, 280-283.	1.4	4
12	Detecting Water in Composite Sandwich Panels by Using Infrared Thermography. Materials Science Forum, 2017, 891, 516-521.	0.3	3
13	Thermal analysis of postcured aramid fiber/epoxy composites. Reviews on Advanced Materials Science, 2021, 60, 479-489.	3.3	3
14	Cutting-tool performance in the end milling of carbon-fiber-reinforced plastics. Materiali in Tehnologije, 2016, 50, 819-822.	0.5	3
15	MOLD DESIGN FOR RINGS OF EXTERNAL FIXATOR. MM Science Journal, 2019, 2019, 2739-2746.	0.4	3
16	Flame resistance and mechanical properties of composites based on new advanced resin system FR4/12. Materiali in Tehnologije, 2015, 49, 821-824.	0.5	2
17	INNOVATION OF ILIZAROV STABILIZATION DEVICE WITH THE DESIGN CHANGES. MM Science Journal, 2019, 2019, 2732-2738.	0.4	2
18	<title>The possibilities of electronic speckle pattern interferometry by investigation of composite materials</title>. , 2006, , .		1

#	Article	IF	Citations
19	The research of the engineering pedagogy. , 2015, , .		1
20	Influence of Honeycomb Core Compression on the Mechanical Properties of the Sandwich Structure. Applied Mechanics and Materials, 2013, 486, 283-288.	0.2	0
21	Design and Verification of Sandwich Structures for High Speed Trains. Key Engineering Materials, 0, 586, 72-75.	0.4	0
22	On Flexural Stiffness of Polymer Sandwich Walls. Materials Science Forum, 2016, 862, 115-122.	0.3	0
23	Effects of Core Softness and Bimodularity of Fibreglass Layers on Flexural Stiffness of Polymer Sandwich Structures. MATEC Web of Conferences, 2017, 121, 03022.	0.2	0
24	OOA composite structures applicable in railway industry. MATEC Web of Conferences, 2017, 121, 01015.	0.2	0
25	The Limits of Vacuum Infusion Technology during the Production of Filled Polymer Composite Systems. Materials Science Forum, 0, 919, 175-181.	0.3	0
26	A monitoring of the kinetics thermally degradation selected rubber by electrical methods. AIP Conference Proceedings, 2019, , .	0.4	0
27	FEM Optimization of a Steel Belt of OTR Tyres. Materials Science Forum, 0, 994, 272-279.	0.3	0
28	Vibration of Composite Plate - Mathematical Modelling and Experimental Verification by ESPI. Communications in Computer and Information Science, 2011, , 322-328.	0.5	0
29	Application of Artificial Neural Networks in Chosen Glass Laminates Properties Prediction. Lecture Notes in Electrical Engineering, 2013, , 1113-1120.	0.4	0
30	Influence of the type and number of prepreg layers on the flexural strength and fatigue life of honeycomb sandwich structures. Materiali in Tehnologije, 2015, 49, 515-519.	0.5	0