

Viktor Kolář

List of Publications by Year in descending order

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24
papers

167
citations

1478280

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citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of inlay yarn type and stacking sequence on mechanical performance of knitted uni-directional thermoplastic composite prepregs. <i>Journal of Industrial Textiles</i> , 2022, 51, 4973S-5008S.	1.1	7
2	Low-Cycle Fatigue Behavior of 3D-Printed PLA Reinforced with Natural Filler. <i>Polymers</i> , 2022, 14, 1301.	2.0	21
3	Service Life of Adhesive Bonds under Cyclic Loading with a Filler Based on Natural Waste from Coconut Oil Production. <i>Polymers</i> , 2022, 14, 1033.	2.0	4
4	Modelling of Auxetic Woven Structures for Composite Reinforcement. <i>Textiles</i> , 2022, 2, 1-15.	1.8	4
5	Exploration of Effects of Graduated Compression Stocking Structures on Performance Properties Using Principal Component Analysis: A Promising Method for Simultaneous Optimization of Properties. <i>Polymers</i> , 2022, 14, 2045.	2.0	5
6	Research on Low-Cycle Fatigue Engineered Hybrid Sandwich Ski Construction. <i>Polymers</i> , 2022, 14, 2278.	2.0	0
7	Material Reuse of Waste Abrasive Particles from Abrasive Water Jet Technology in the Field of Polymer Particle Composite Systems. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 87-99.	0.3	0
8	Influence of Alkali Treatment on the Microstructure and Mechanical Properties of Coir and Abaca Fibers. <i>Materials</i> , 2021, 14, 2636.	1.3	42
9	Experimental Investigation of Wavy-Lap Bonds with Natural Cotton Fabric Reinforcement under Cyclic Loading. <i>Polymers</i> , 2021, 13, 2872.	2.0	1
10	Design, Development, and Characterization of Advanced Textile Structural Hollow Composites. <i>Polymers</i> , 2021, 13, 3535.	2.0	14
11	Effect of Waterjet Machining Parameters on the Cut Quality of PP and PVC-U Materials Coated with Polyurethane and Acrylate Coatings. <i>Materials</i> , 2021, 14, 7542.	1.3	2
12	Quasi-Static Shear Test of Hybrid Adhesive Bonds Based on Treated Cotton-Epoxy Resin Layer. <i>Polymers</i> , 2020, 12, 2945.	2.0	5
13	Quasi-Static Tests of Hybrid Adhesive Bonds Based on Biological Reinforcement in the Form of Eggshell Microparticles. <i>Polymers</i> , 2020, 12, 1391.	2.0	9
14	Research of hybrid adhesive bonds with filler based on coffee bean powder exposed to cyclic loading. <i>Manufacturing Technology</i> , 2020, 20, 646-654.	0.2	4
15	Research on wear resistance of polymeric composite materials based on microparticles from tyre recycling process. <i>Manufacturing Technology</i> , 2020, 20, 223-228.	0.2	5
16	Material Utilization of Cotton Post-Harvest Line Residues in Polymeric Composites. <i>Polymers</i> , 2019, 11, 1106.	2.0	16
17	Influence of Preformed Adherent Angle and Reinforcing Glass Fibre on tensile strength of Hybrid Adhesive Bond. <i>Manufacturing Technology</i> , 2019, 19, 786-791.	0.2	3
18	Quasi-static tests on polyurethane adhesive bonds reinforced by rubber powder. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Mechanical Properties of Polymeric Composite Based on Pine Seeds Production Residues. Manufacturing Technology, 2019, 19, 426-430.	0.2	4
20	Effect of Waterjet Machining Parameters on Cut Quality of Polymeric Composite Materials Based on Biological Reinforcement in Form of Cotton Post-harvest Line Residues. Manufacturing Technology, 2019, 19, 647-654.	0.2	2
21	Research on water jet cutting of composites based on epoxy/microparticles from coconut shell. MATEC Web of Conferences, 2018, 244, 02001.	0.1	3
22	Welding materials used to increase service life of agricultural machinery processing soil. MATEC Web of Conferences, 2018, 244, 01002.	0.1	0
23	Research on Influence of Polyurethane Adhesive Modified by Polyurethane Filler Based on Recyclate. Manufacturing Technology, 2018, 18, 418-423.	0.2	6
24	Research on Application of Technology Using Water Jet on Machining of Polymeric Composite Biological-Reinforced Materials. Manufacturing Technology, 2018, 18, 630-634.	0.2	5