

Viktor Kolář

List of Publications by Year in descending order

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papers

167
citations

1478505

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docs citations

25
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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 preregs. Journal of Industrial Textiles, 2022, 51, 4973S-5008S.	2.4	7
2	Low-Cycle Fatigue Behavior of 3D-Printed PLA Reinforced with Natural Filler. Polymers, 2022, 14, 1301.	4.5	21
3	Service Life of Adhesive Bonds under Cyclic Loading with a Filler Based on Natural Waste from Coconut Oil Production. Polymers, 2022, 14, 1033.	4.5	4
4	Modelling of Auxetic Woven Structures for Composite Reinforcement. Textiles, 2022, 2, 1-15.	4.1	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. Polymers, 2022, 14, 2045.	4.5	5
6	Research on Low-Cycle Fatigue Engineered Hybrid Sandwich Ski Construction. Polymers, 2022, 14, 2278.	4.5	0
7	Material Reuse of Waste Abrasive Particles from Abrasive Water Jet Technology in the Field of Polymer Particle Composite Systems. Lecture Notes in Mechanical Engineering, 2021, , 87-99.	0.4	0
8	Influence of Alkali Treatment on the Microstructure and Mechanical Properties of Coir and Abaca Fibers. Materials, 2021, 14, 2636.	2.9	42
9	Experimental Investigation of Wavy-Lap Bonds with Natural Cotton Fabric Reinforcement under Cyclic Loading. Polymers, 2021, 13, 2872.	4.5	1
10	Design, Development, and Characterization of Advanced Textile Structural Hollow Composites. Polymers, 2021, 13, 3535.	4.5	14
11	Effect of Waterjet Machining Parameters on the Cut Quality of PP and PVC-U Materials Coated with Polyurethane and Acrylate Coatings. Materials, 2021, 14, 7542.	2.9	2
12	Quasi-Static Shear Test of Hybrid Adhesive Bonds Based on Treated Cotton-Epoxy Resin Layer. Polymers, 2020, 12, 2945.	4.5	5
13	Quasi-Static Tests of Hybrid Adhesive Bonds Based on Biological Reinforcement in the Form of Eggshell Microparticles. Polymers, 2020, 12, 1391.	4.5	9
14	Research of hybrid adhesive bonds with filler based on coffee bean powder exposed to cyclic loading. Manufacturing Technology, 2020, 20, 646-654.	1.4	4
15	Research on wear resistance of polymeric composite materials based on microparticles from tyre recycling process. Manufacturing Technology, 2020, 20, 223-228.	1.4	5
16	Material Utilization of Cotton Post-Harvest Line Residues in Polymeric Composites. Polymers, 2019, 11, 1106.	4.5	16
17	Influence of Preformed Adherent Angle and Reinforcing Glass Fibre on tensile strength of Hybrid Adhesive Bond. Manufacturing Technology, 2019, 19, 786-791.	1.4	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.	1.4	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.	1.4	2
21	Research on water jet cutting of composites based on epoxy/microparticles from coconut shell. MATEC Web of Conferences, 2018, 244, 02001.	0.2	3
22	Welding materials used to increase service life of agricultural machinery processing soil. MATEC Web of Conferences, 2018, 244, 01002.	0.2	0
23	Research on Influence of Polyurethane Adhesive Modified by Polyurethane Filler Based on Recyclate. Manufacturing Technology, 2018, 18, 418-423.	1.4	6
24	Research on Application of Technology Using Water Jet on Machining of Polymeric Composite Biological-Reinforced Materials. Manufacturing Technology, 2018, 18, 630-634.	1.4	5