

Tamã;s Tã;bi

List of Publications by Year in descending order

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37
papers

1,559
citations

377584

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425179

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times ranked

2188
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the efficiency of the most effective heterogeneous nucleating agents for Poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	11
2	The influence of nucleating agents, plasticizers, and molding conditions on the properties of injection molded PLA products. <i>Materials Today Communications</i> , 2022, 32, 103936.	0.9	8
3	Applicability of fiber Bragg grating sensors for cure monitoring in resin transfer molding processes. <i>Journal of Reinforced Plastics and Composites</i> , 2021, 40, 701-713.	1.6	3
4	Improving the ductility and heat deflection temperature of injection molded Poly(lactic acid) products: A comprehensive review. <i>Polymer Testing</i> , 2021, 101, 107282.	2.3	58
5	Fatigue monitoring of flax fibre reinforced epoxy composites using integrated fibre-optical FBG sensors. <i>Composites Science and Technology</i> , 2020, 199, 108317.	3.8	31
6	Investigation of the thermoformability of various ϵ -Lactide content poly(lactic acid) films by ball burst test. <i>Polymer Engineering and Science</i> , 2020, 60, 1266-1277.	1.5	19
7	The application of the synergistic effect between the crystal structure of poly(lactic acid) (PLA) and the presence of ethylene vinyl acetate copolymer (EVA) to produce highly ductile PLA/EVA blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 1287-1297.	2.0	27
8	Cross Effect of Natural Rubber and Annealing on the Properties of Poly(Lactic Acid). <i>Periodica Polytechnica, Mechanical Engineering</i> , 2019, 63, 270-277.	0.8	14
9	Effect of ϵ -Lactide content of annealed poly(lactic acid) on its thermal, mechanical, heat deflection temperature, and creep properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47103.	1.3	14
10	Compressive characteristics and low frequency damping of aluminium matrix syntactic foams. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 739, 140-148.	2.6	64
11	Effects of 1D and 2D nanofillers in basalt/poly(lactic acid) composites for additive manufacturing. <i>Composites Part B: Engineering</i> , 2018, 153, 364-375.	5.9	23
12	Investigation of Long Cellulose Fibre Reinforced and Injection Moulded Poly(lactic acid) Biocomposites. <i>Acta Technica Jaurinensis</i> , 2018, 11, 150-164.	0.6	6
13	Enhanced Injection Molding Simulation of Advanced Injection Molds. <i>Polymers</i> , 2017, 9, 77.	2.0	33
14	Using Factorial Design Methodology to Assess PLA-g-Ma and Henequen Microfibrillated Cellulose Content on the Mechanical Properties of Poly(lactic acid) Composites. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-14.	1.2	11
15	Effect of crystalline forms (β and α) of poly(lactic acid) on its mechanical, thermo-mechanical, heat deflection temperature and creep properties. <i>European Polymer Journal</i> , 2016, 82, 232-243.	2.6	93
16	Creep behaviour of injection-moulded basalt fibre reinforced poly(lactic acid) composites. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 1600-1610.	1.6	20
17	Comparison of thermal, mechanical and thermomechanical properties of poly(lactic acid) injection-molded into epoxy-based Rapid Prototyped (PolyJet) and conventional steel mold. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 349-361.	2.0	42
18	Characterisation of natural fibre reinforced PLA foams prepared by supercritical CO ₂ assisted extrusion. <i>EXPRESS Polymer Letters</i> , 2016, 10, 771-779.	1.1	58

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19	The analysis of injection molding defects caused by gate vestiges. EXPRESS Polymer Letters, 2015, 9, 394-400.	1.1	3
20	Thermal simulations and measurements for rapid tool inserts in injection molding applications. Applied Thermal Engineering, 2015, 85, 44-51.	3.0	41
21	Investigation of injection moulded poly(lactic acid) reinforced with long basalt fibres. Composites Part A: Applied Science and Manufacturing, 2014, 64, 99-106.	3.8	54
22	Flax fibre reinforced PLA/TPS biocomposites flame retarded with multifunctional additive system. Polymer Degradation and Stability, 2014, 106, 63-73.	2.7	90
23	Thermal and mechanical analysis of injection moulded poly(lactic acid) filled with poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	32
24	Development of a novel color inhomogeneity test method for injection molded parts. Polymer Testing, 2014, 37, 112-116.	2.3	12
25	Chopped basalt fibres: A new perspective in reinforcing poly(lactic acid) to produce injection moulded engineering composites from renewable and natural resources. EXPRESS Polymer Letters, 2013, 7, 107-119.	1.1	69
26	Development and characterisation of injection moulded, all-polypropylene composites. EXPRESS Polymer Letters, 2013, 7, 134-145.	1.1	31
27	Comparison of injection moulded, natural fibre-reinforced composites with PP and PLA as matrices. Journal of Thermoplastic Composite Materials, 2012, 25, 927-948.	2.6	249
28	Improvement of Mechanical Properties of Injection-Molded Polylactic Acidâ€œKenaf Fiber Biocomposite. Journal of Thermoplastic Composite Materials, 2012, 25, 153-164.	2.6	54
29	Examination of starch preprocess drying and water absorption of injectionâ€œmolded starchâ€œfilled poly(lactic acid) products. Polymer Engineering and Science, 2011, 51, 843-850.	1.5	24
30	Crystalline structure of annealed polylactic acid and its relation to processing. EXPRESS Polymer Letters, 2010, 4, 659-668.	1.1	256
31	The effect of EVA content on the processing parameters and the mechanical properties of LDPE/ground tire rubber blends. Polymer Engineering and Science, 2008, 48, 868-874.	1.5	35
32	Investigation of Time-Dependent Behavior of Starch-Based, Injection Molded Biodegradable Polymer. Materials Science Forum, 2008, 589, 281-286.	0.3	4
33	Examination of injection moulded thermoplastic maize starch. EXPRESS Polymer Letters, 2007, 1, 804-809.	1.1	41
34	Study of the Aero-Acoustic and Aerodynamic Effects of Soft Coating upon Airfoil. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2006, 49, 648-656.	0.3	17
35	Development of Cellulose-Reinforced Poly(Lactic Acid) (PLA) for Engineering Applications. Materials Science Forum, 0, 812, 59-64.	0.3	2
36	Poly(Lactic Acid)/Natural Rubber Blends. Materials Science Forum, 0, 885, 298-302.	0.3	5

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37	Development of Poly(Lactic Acid) Filled with Basalt Fibres and Talc for Engineering Applications. Materials Science Forum, 0, 885, 303-308.	0.3	5