

Marc Gaugler

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

347
citations

1478505

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1199594

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12
docs citations

12
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating softwood biorefinery lignin into polyhydroxybutyrate composites and application in 3D printing. <i>Materials Today Communications</i> , 2019, 19, 286-296.	1.9	106
2	Thermal Degradation of Condensed Tannins from Radiata Pine Bark. <i>Journal of Wood Chemistry and Technology</i> , 2009, 29, 305-321.	1.7	74
3	Green route to modification of wood waste, cellulose and hemicellulose using reactive extrusion. <i>Carbohydrate Polymers</i> , 2016, 136, 1238-1250.	10.2	66
4	Understanding the development of interfacial bonding within PLA/wood-based thermoplastic sandwich composites. <i>Industrial Crops and Products</i> , 2019, 127, 129-134.	5.2	40
5	Synthesis of graft copolymers of chitosan-poly(caprolactone) by lipase catalysed reactive extrusion. <i>Carbohydrate Polymers</i> , 2019, 217, 98-109.	10.2	19
6	A new methodology for rapidly assessing interfacial bonding within fibre-reinforced thermoplastic composites. <i>International Journal of Adhesion and Adhesives</i> , 2019, 89, 66-71.	2.9	14
7	Rheological Behavior of High Cell Density <i>Pseudomonas putida</i> LS46 Cultures during Production of Medium Chain Length Polyhydroxyalkanoate (PHA) Polymers. <i>Bioengineering</i> , 2019, 6, 93.	3.5	7
8	Effect of processing conditions on wood and glass fiber length attrition during twin screw composite compounding. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48551.	2.6	7
9	Quantitative Assessment and Visualisation of the Wood and Poly(Lactic Acid) Interface in Sandwich Laminate Composites. <i>Fibers</i> , 2019, 7, 15.	4.0	5
10	Bonding Wood Veneer with Biobased Poly(Lactic Acid) Thermoplastic Polyesters: Potential Applications for Consolidated Wood Veneer and Overlay Products. <i>Fibers</i> , 2020, 8, 50.	4.0	5
11	Chemical Imaging of the Poly(lactic Acid) Wood Adhesion Interface of Bonded Veneer Products. <i>Fibers</i> , 2022, 10, 17.	4.0	2
12	Understanding the PLA-Wood Adhesion Interface for the Development of PLA-Bonded Softwood Laminates. <i>Fibers</i> , 2022, 10, 51.	4.0	2