Arturo Rodriguez-Uribe

List of Publications by Year
in descending order

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21 papers	584 citations	686830 13 h-index	713013 21 g-index
21 all docs	21 docs citations	21 times ranked	647 citing authors

#	Article	IF	Citations
1	Studies on curing kinetics of polyphenylene sulfide: An insight into effects of curing temperature and time on structure and <scp>thermoâ€mechanical</scp> behavior. Journal of Applied Polymer Science, 2022, 139, 51817.	1.3	3
2	Biocomposites from Thermoplastic Postindustrial Waste Starches Filled with Mineral Fillers for Singleâ€Use Flexible Packaging. Macromolecular Materials and Engineering, 2022, 307, .	1.7	7
3	Biodegradable Polymer Blends: Studies on Performance Control through Droplet to Co-continuous Morphology. ACS Applied Polymer Materials, 2022, 4, 5546-5556.	2.0	9
4	Impact of renewable carbon on the properties of composites made by using three types of polymers having different polarity. Journal of Applied Polymer Science, 2021, 138, 49948.	1.3	8
5	Pyrolyzed biomass from corn ethanol industry coproduct and their polypropylene-based composites: Effect of heat treatment temperature on performance of the biocomposites. Composites Part B: Engineering, 2021, 215, 108714.	5.9	15
6	A comprehensive review of renewable and sustainable biosourced carbon through pyrolysis in biocomposites uses: Current development and future opportunity. Renewable and Sustainable Energy Reviews, 2021, 152, 111666.	8.2	40
7	Injection moldable hybrid sustainable composites of BioPBS and PHBV reinforced with talc and starch as potential alternatives to single-use plastic packaging. Composites Part C: Open Access, 2021, 6, 100201.	1.5	11
8	Sustainable Biocomposites from Poly(butylene succinate) and Apple Pomace: A Study on Compatibilization Performance. Waste and Biomass Valorization, 2020, 11, 3775-3787.	1.8	35
9	Insights on the structure-performance relationship of polyphthalamide (PPA) composites reinforced with high-temperature produced biocarbon. RSC Advances, 2020, 10, 26917-26927.	1.7	15
10	Statistical design of sustainable composites from poly(lactic acid) and grape pomace. Journal of Applied Polymer Science, 2020, 137, 49061.	1.3	9
11	Experimental Investigation on Machinability of Polypropylene Reinforced with Miscanthus Fibers and Biochar. Materials, 2020, 13, 1181.	1.3	9
12	Injection Molded Novel Biocomposites from Polypropylene and Sustainable Biocarbon. Molecules, 2019, 24, 4026.	1.7	25
13	Physicochemical Characterization and Evaluation of Pecan Nutshell as Biofiller in a Matrix of Poly(lactic acid). Journal of Polymers and the Environment, 2019, 27, 521-532.	2.4	15
14	Graphitization of Miscanthus grass biocarbon enhanced by in situ generated FeCo nanoparticles. Green Chemistry, 2018, 20, 2269-2278.	4.6	60
15	Slow pyrolysis of bio-oil and studies on chemical and physical properties of the resulting new bio-carbon. Journal of Cleaner Production, 2018, 172, 2748-2758.	4.6	44
16	Bio-poly(butylene succinate) and Its Composites with Grape Pomace: Mechanical Performance and Thermal Properties. ACS Omega, 2018, 3, 15205-15216.	1.6	67
17	Sustainable Carbonaceous Biofiller from Miscanthus: Size Reduction, Characterization, and Potential Bio-composites Applications. BioResources, 2018, 13, .	0.5	18
18	Long-term performance of Î²-nucleated toughened polypropylene-biocarbon composites. Composites Part A: Applied Science and Manufacturing, 2018, 105, 274-280.	3.8	13

#	Article	IF	Citations
19	Characterization of Wastes and Coproducts from the Coffee Industry for Composite Material Production. BioResources, 2016, 11, .	0.5	83
20	Oxidative acid treatment and characterization of new biocarbon from sustainable Miscanthus biomass. Science of the Total Environment, 2016, 550, 241-247.	3.9	56
21	Mechanical, Chemical, and Physical Properties of Wood and Perennial Grass Biochars for Possible Composite Application. BioResources, 2015, 11, .	0.5	42