

Arturo Rodriguez-Uribe

List of Publications by Year in descending order

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Version: 2024-02-01

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	Characterization of Wastes and Coproducts from the Coffee Industry for Composite Material Production. <i>BioResources</i> , 2016, 11, .	0.5	83
2	Bio-poly(butylene succinate) and Its Composites with Grape Pomace: Mechanical Performance and Thermal Properties. <i>ACS Omega</i> , 2018, 3, 15205-15216.	1.6	67
3	Graphitization of <i>Miscanthus</i> grass biocarbon enhanced by <i>in situ</i> generated FeCo nanoparticles. <i>Green Chemistry</i> , 2018, 20, 2269-2278.	4.6	60
4	Oxidative acid treatment and characterization of new biocarbon from sustainable <i>Miscanthus</i> biomass. <i>Science of the Total Environment</i> , 2016, 550, 241-247.	3.9	56
5	Slow pyrolysis of bio-oil and studies on chemical and physical properties of the resulting new bio-carbon. <i>Journal of Cleaner Production</i> , 2018, 172, 2748-2758.	4.6	44
6	Mechanical, Chemical, and Physical Properties of Wood and Perennial Grass Biochars for Possible Composite Application. <i>BioResources</i> , 2015, 11, .	0.5	42
7	A comprehensive review of renewable and sustainable biosourced carbon through pyrolysis in biocomposites uses: Current development and future opportunity. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 152, 111666.	8.2	40
8	Sustainable Biocomposites from Poly(butylene succinate) and Apple Pomace: A Study on Compatibilization Performance. <i>Waste and Biomass Valorization</i> , 2020, 11, 3775-3787.	1.8	35
9	Injection Molded Novel Biocomposites from Polypropylene and Sustainable Biocarbon. <i>Molecules</i> , 2019, 24, 4026.	1.7	25
10	Sustainable Carbonaceous Biofiller from <i>Miscanthus</i> : Size Reduction, Characterization, and Potential Bio-composites Applications. <i>BioResources</i> , 2018, 13, .	0.5	18
11	Physicochemical Characterization and Evaluation of Pecan Nutshell as Biofiller in a Matrix of Poly(lactic acid). <i>Journal of Polymers and the Environment</i> , 2019, 27, 521-532.	2.4	15
12	Insights on the structure-performance relationship of polyphthalamide (PPA) composites reinforced with high-temperature produced biocarbon. <i>RSC Advances</i> , 2020, 10, 26917-26927.	1.7	15
13	Pyrolyzed biomass from corn ethanol industry coproduct and their polypropylene-based composites: Effect of heat treatment temperature on performance of the biocomposites. <i>Composites Part B: Engineering</i> , 2021, 215, 108714.	5.9	15
14	Long-term performance of \hat{I}^2 -nucleated toughened polypropylene-biocarbon composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 105, 274-280.	3.8	13
15	Injection moldable hybrid sustainable composites of BioPBS and PHBV reinforced with talc and starch as potential alternatives to single-use plastic packaging. <i>Composites Part C: Open Access</i> , 2021, 6, 100201.	1.5	11
16	Statistical design of sustainable composites from poly(lactic acid) and grape pomace. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49061.	1.3	9
17	Experimental Investigation on Machinability of Polypropylene Reinforced with <i>Miscanthus</i> Fibers and Biochar. <i>Materials</i> , 2020, 13, 1181.	1.3	9
18	Biodegradable Polymer Blends: Studies on Performance Control through Droplet to Co-continuous Morphology. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5546-5556.	2.0	9

#	ARTICLE	IF	CITATIONS
19	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
20	Biocomposites from Thermoplastic Postindustrial Waste Starches Filled with Mineral Fillers for Single-Use Flexible Packaging. Macromolecular Materials and Engineering, 2022, 307, .	1.7	7
21	Studies on curing kinetics of polyphenylene sulfide: An insight into effects of curing temperature and time on structure and thermo-mechanical behavior. Journal of Applied Polymer Science, 2022, 139, 51817.	1.3	3