Kelly Benini

List of Publications by Year
in descending order

19	560	933447 10	839539 18
papers	citations	h-index	g-index

19	19	19	851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vegetal fibers in polymeric composites: a review. Polimeros, 2015, 25, 9-22.	0.7	163
2	Preparation of nanocellulose from Imperata brasiliensis grass using Taguchi method. Carbohydrate Polymers, 2018, 192, 337-346.	10.2	106
3	Obtainment and characterization of nanocellulose from an unwoven industrial textile cotton waste: Effect of acid hydrolysis conditions. International Journal of Biological Macromolecules, 2019, 126, 496-506.	7.5	65
4	Mechanical properties of HIPS/sugarcane bagasse fiber composites after accelerated weathering. Procedia Engineering, 2011, 10, 3246-3251.	1.2	39
5	Characterization of a New Lignocellulosic Fiber from Brazil:Imperata brasiliensis(Brazilian) Tj ETQq1 1 0.784314 rgBT /Overlock 1 112-125.	3.1	34
6	Effect of different degradation types on properties of plastic waste obtained from espresso coffee capsules. Waste Management, 2019, 83, 123-130.	7.4	25
7	Valorization of Spent Coffee Grounds as Precursors for Biopolymers and Composite Production. Polymers, 2022, 14, 437.	4.5	21
8	Effect of acid hydrolysis conditions on the degradation properties of cellulose from Imperata brasiliensis fibers. Procedia Engineering, 2017, 200, 244-251.	1.2	14
9	Effects of plasma treatment on the sorption properties of coconut fibers. Procedia Engineering, 2017, 200, 357-364.	1.2	14
10	Survey on chemical, physical, and thermal prediction behaviors for sequential chemical treatments used to obtain cellulose from Imperata Brasiliensis. Journal of Thermal Analysis and Calorimetry, 2021, 143, 73-85.	3.6	14
11	Sustainable application of recycled espresso coffee capsules: Natural composite development for a home composter product. Journal of Cleaner Production, 2021, 297, 126647.	9.3	12
12	PHBV/cellulose nanofibrils composites obtained by solution casting and electrospinning process. Revista Materia, 2017, 22, .	0.2	11
13	Effect of fiber chemical treatment of nonwoven coconut fiber/epoxy composites adhesion obtained by RTM process. Polymer Composites, 2017, 38, 2518-2527.	4.6	10
14	Thermal characterization and lifetime prediction of the PHBV/nanocellulose biocomposites using different kinetic approaches. Cellulose, 2020, 27, 7503-7522.	4.9	10
15	Novel biodegradable composites based on PHBV: Effect of nanocellulose incorporation on the nonâ€isothermal crystallization kinetic and structural parameters. Polymer Composites, 2019, 40, 3156-3165.	4.6	8
16	Permeability of untreated and atmospheric plasma treated coconut fiber mats. Materials Research Express, 2019, 6, 095323.	1.6	5
17	Thermal Analysis of Sisal/Epoxy Composite Processed by RTM. Applied Mechanics and Materials, 0, 719-720, 50-54.	0.2	4
18	Featuring High Impact Polystyrene Composites Strengthened with Green Coconut Fiber Developed for Automotive Industry Application. Journal of Research Updates in Polymer Science, 2017, 6, 17-20.	0.3	3

#	Article	IF	Citations
19	Manufacturing and Characterization of High Impact Polystyrene (HIPS) Reinforced with Treated Sugarcane Bagasse. Journal of Research Updates in Polymer Science, 2017, 6, 2-11.	0.3	2