

Daniele Battezzore

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

896
citations

19
h-index

29
g-index

33
ext. papers

1,087
ext. citations

5.9
avg, IF

4.86
L-index

#	Paper	IF	Citations
31	Crystallization kinetics of poly(lactic acid)-talc composites. <i>EXPRESS Polymer Letters</i> , 2011 , 5, 849-858	3.4	236
30	Rice husk as bio-source of silica: preparation and characterization of PLA/silica bio-composites. <i>RSC Advances</i> , 2014 , 4, 54703-54712	3.7	64
29	Poly(lactic acid)-Based Composites Containing Natural Fillers: Thermal, Mechanical and Barrier Properties. <i>Journal of Polymers and the Environment</i> , 2014 , 22, 88-98	4.5	52
28	Cellulose extracted from rice husk as filler for poly(lactic acid): preparation and characterization. <i>Cellulose</i> , 2014 , 21, 1813-1821	5.5	50
27	Plasticizers, antioxidants and reinforcement fillers from hazelnut skin and cocoa by-products: Extraction and use in PLA and PP. <i>Polymer Degradation and Stability</i> , 2014 , 108, 297-306	4.7	36
26	Poly (butylensuccinate co-adipate)-thermoplastic starch nanocomposite blends. <i>Carbohydrate Polymers</i> , 2010 , 82, 802-808	10.3	34
25	Epoxy coupling agent for PLA and PHB copolymer-based cotton fabric bio-composites. <i>Composites Part B: Engineering</i> , 2018 , 148, 188-197	10	33
24	Sustainable and High Performing Biocomposites with Chitosan/Sepiolite Layer-by-Layer Nanoengineered Interphases. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9601-9605	8.3	33
23	Isosorbide, a green plasticizer for thermoplastic starch that does not retrograde. <i>Carbohydrate Polymers</i> , 2015 , 119, 78-84	10.3	32
22	Thermo-mechanical properties enhancement of bio-polyamides (PA10.10 and PA6.10) by using rice husk ash and nanoclay. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 81, 193-201	8.4	31
21	Natural wastes as particle filler for poly(lactic acid)-based composites. <i>Journal of Composite Materials</i> , 2019 , 53, 783-797	2.7	31
20	Is it Possible to Mechanical Recycle the Materials of the Disposable Filtering Masks?. <i>Polymers</i> , 2020 , 12,	4.5	31
19	Multilayer cotton fabric bio-composites based on PLA and PHB copolymer for industrial load carrying applications. <i>Composites Part B: Engineering</i> , 2019 , 163, 761-768	10	26
18	Bulk vs. surface flame retardancy of fully bio-based polyamide 10,10. <i>RSC Advances</i> , 2015 , 5, 39424-39432	3.7	24
17	All Natural High-Density Fiber- and Particleboards from Hemp Fibers or Rice Husk Particles. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1652-1660	4.5	21
16	Hemp hurd and alfalfa as particle filler to improve the thermo-mechanical and fire retardant properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Polymer Composites</i> , 2019 , 40, 3429-3437	3	21
15	Layer-by-Layer nanostructured interphase produces mechanically strong and flame retardant bio-composites. <i>Composites Part B: Engineering</i> , 2020 , 200, 108310	10	20

14	Layer by Layer-functionalized rice husk particles: A novel and sustainable solution for particleboard production. <i>Materials Today Communications</i> , 2017 , 13, 92-101	2.5	19
13	Thermal and UV aging of polypropylene stabilized by wine seeds wastes and their extracts. <i>Polymer Degradation and Stability</i> , 2019 , 165, 49-59	4.7	19
12	3D Printing of PDMS-Like Polymer Nanocomposites with Enhanced Thermal Conductivity: Boron Nitride Based Photocuring System. <i>Nanomaterials</i> , 2021 , 11,	5.4	17
11	Reuse and Valorisation of Hemp Fibres and Rice Husk Particles for Fire Resistant Fibreboards and Particleboards. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 3731-3744	4.5	13
10	Thermomechanical improvement of glycerol plasticized maize starch with high loading of cellulose, flax and talc fillers. <i>Polymer International</i> , 2016 , 65, 955-962	3.3	9
9	Reactive extrusion of sol-gel silica as fire retardant synergistic additive in ethylene-vinyl acetate copolymer (EVA) composites. <i>Polymer Degradation and Stability</i> , 2019 , 167, 259-268	4.7	9
8	Designing 3D printable polypropylene: Material and process optimisation through rheology. <i>Additive Manufacturing</i> , 2021 , 40, 101944	6.1	8
7	Mechanical and Barrier Properties Enhancement in Film Extruded Bio-Polyamides With Modified Nanoclay. <i>Polymer Composites</i> , 2019 , 40, 2617-2628	3	8
6	Properties of Graphene-Related Materials Controlling the Thermal Conductivity of Their Polymer Nanocomposites. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
5	Bio-based PA5.10 for Industrial Applications: Improvement of Barrier and Thermo-mechanical Properties with Rice Husk Ash and Nanoclay. <i>Journal of Polymers and the Environment</i> , 2019 , 27, 2213-2223	4.5	4
4	Dissipative Dynamics of Polymer Phononic Materials. <i>Advanced Functional Materials</i> , 2021 , 31, 2103424	15.6	4
3	Flexible and High Thermal Conductivity Composites Based on Graphite Nanoplates Paper Impregnated with Polydimethylsiloxane. <i>Journal of Composites Science</i> , 2021 , 5, 309	3	2
2	Synthesis and characterization of a novel star polycaprolactone to be applied in the development of graphite nanoplates-based nanopapers. <i>Reactive and Functional Polymers</i> , 2021 , 167, 105019	4.6	1
1	Development of disposable filtering mask recycled materials: Impact of blending with recycled mixed polyolefin and their aging stability. <i>Resources, Conservation and Recycling</i> , 2022 , 177, 105974	11.9	0