

Ainara Sangroniz

List of Publications by Year in descending order

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19
papers

686
citations

949033

11
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939365

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all docs

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docs citations

19
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating the Crystallinity of a Circular Plastic towards Packaging Material with Outstanding Barrier Properties. <i>Macromolecular Rapid Communications</i> , 2022, , 2200008.	2.0	0
2	Lactide-Valerolactone Copolymers for Packaging Applications. <i>Polymers</i> , 2022, 14, 52.	2.0	5
3	Plasticization of poly(lactide) with poly(ethylene glycol): Low weight plasticizer vs triblock copolymers. Effect on free volume and barrier properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48868.	1.3	10
4	Blends based on biodegradable poly(caprolactone) with outstanding barrier properties for packaging applications: The role of free volume and interactions. <i>European Polymer Journal</i> , 2020, 135, 109869.	2.6	9
5	Chemical Structure Drives Memory Effects in the Crystallization of Homopolymers. <i>Macromolecules</i> , 2020, 53, 4874-4881.	2.2	43
6	Lactide-caprolactone copolymers with tuneable barrier properties for packaging applications. <i>Polymer</i> , 2020, 202, 122681.	1.8	18
7	Poly(hydroxy acids) derived from the self-condensation of hydroxy acids: from polymerization to end-of-life options. <i>Polymer Chemistry</i> , 2020, 11, 4861-4874.	1.9	30
8	Packaging materials with desired mechanical and barrier properties and full chemical recyclability. <i>Nature Communications</i> , 2019, 10, 3559.	5.8	245
9	Elaboration and Characterization of Conductive Polymer Nanocomposites with Potential Use as Electrically Driven Membranes. <i>Polymers</i> , 2019, 11, 1180.	2.0	4
10	Improving the barrier character of poly(caprolactone): Transport properties and free volume of immiscible blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48018.	1.3	7
11	Survey on transport properties of vapours and liquids on biodegradable polymers. <i>European Polymer Journal</i> , 2019, 120, 109232.	2.6	6
12	Improving the barrier properties of a biodegradable polyester for packaging applications. <i>European Polymer Journal</i> , 2019, 115, 76-85.	2.6	32
13	Tributyl citrate as an effective plasticizer for biodegradable polymers: effect of plasticizer on free volume and transport and mechanical properties. <i>Polymer International</i> , 2019, 68, 125-133.	1.6	49
14	Miscibility and degradation of polymer blends based on biodegradable poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (adip	2.7	33
15	Influence of the Rigid Amorphous Fraction and Crystallinity on Polylactide Transport Properties. <i>Macromolecules</i> , 2018, 51, 3923-3931.	2.2	61
16	Blends of biodegradable poly(butylene adipate-co-terephthalate) with poly(hydroxi amino ether) for packaging applications: Miscibility, rheology and transport properties. <i>European Polymer Journal</i> , 2018, 105, 348-358.	2.6	40
17	Light and gas barrier properties of PLLA/metallic nanoparticles composite films. <i>European Polymer Journal</i> , 2017, 91, 10-20.	2.6	50
18	Improving the barrier character of polylactide/phenoxy immiscible blend using poly(lactide-co-caprolactone) block copolymer as a compatibilizer. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45396.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Tailoring the properties of PP/PA6 nanostructured blends by the addition of nanosilica and compatibilizer agents. <i>European Polymer Journal</i> , 2016, 85, 532-552.	2.6	34