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List of Publications by Year
in descending order

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19 papers	686 citations	840728 11 h-index	839512 18 g-index
19 all docs	19 docs citations	19 times ranked	838 citing authors

#	Article	IF	Citations
1	Modulating the Crystallinity of a Circular Plastic towards Packaging Material with Outstanding Barrier Properties. Macromolecular Rapid Communications, 2022, , 2200008.	3.9	0
2	Lactide-Valerolactone Copolymers for Packaging Applications. Polymers, 2022, 14, 52.	4.5	5
3	Plasticization of poly(lactide) with poly(ethylene glycol): Low weight plasticizer vs triblock copolymers. Effect on free volume and barrier properties. Journal of Applied Polymer Science, 2020, 137, 48868.	2.6	10
4	Blends based on biodegradable poly(caprolactone) with outstanding barrier properties for packaging applications: The role of free volume and interactions. European Polymer Journal, 2020, 135, 109869.	5.4	9
5	Chemical Structure Drives Memory Effects in the Crystallization of Homopolymers. Macromolecules, 2020, 53, 4874-4881.	4.8	43
6	Lactide-caprolactone copolymers with tuneable barrier properties for packaging applications. Polymer, 2020, 202, 122681.	3.8	18
7	Poly(hydroxy acids) derived from the self-condensation of hydroxy acids: from polymerization to end-of-life options. Polymer Chemistry, 2020, 11, 4861-4874.	3.9	30
8	Packaging materials with desired mechanical and barrier properties and full chemical recyclability. Nature Communications, 2019, 10, 3559.	12.8	245
9	Elaboration and Characterization of Conductive Polymer Nanocomposites with Potential Use as Electrically Driven Membranes. Polymers, 2019, 11, 1180.	4.5	4
10	Improving the barrier character of poly(caprolactone): Transport properties and free volume of immiscible blends. Journal of Applied Polymer Science, 2019, 136, 48018.	2.6	7
11	Survey on transport properties of vapours and liquids on biodegradable polymers. European Polymer Journal, 2019, 120, 109232.	5.4	6
12	Improving the barrier properties of a biodegradable polyester for packaging applications. European Polymer Journal, 2019, 115, 76-85.	5.4	32
13	Tributyl citrate as an effective plasticizer for biodegradable polymers: effect of plasticizer on free volume and transport and mechanical properties. Polymer International, 2019, 68, 125-133.	3.1	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	5.8	33
15	Influence of the Rigid Amorphous Fraction and Crystallinity on Polylactide Transport Properties. Macromolecules, 2018, 51, 3923-3931.	4.8	61
16	Blends of biodegradable poly(butylene adipate-co-terephthalate) with poly(hydroxi amino ether) for packaging applications: Miscibility, rheology and transport properties. European Polymer Journal, 2018, 105, 348-358.	5.4	40
17	Light and gas barrier properties of PLLA/metallic nanoparticles composite films. European Polymer Journal, 2017, 91, 10-20.	5.4	50
18	Improving the barrier character of polylactide/phenoxy immiscible blend using poly(lactideâ€coâ€Žâ€caprolactone) block copolymer as a compatibilizer. Journal of Applied Polymer Science, 2017, 134, 45396.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Tailoring the properties of PP/PA6 nanostructured blends by the addition of nanosilica and compatibilizer agents. European Polymer Journal, 2016, 85, 532-552.	5.4	34