Ricardo A PÃ©rez-Camargo

List of Publications by Year
in descending order

37 papers	1,064 citations	394286 19 h-index	434063 31 g-index
37 all docs	37 docs citations	37 times ranked	862 citing authors

#	Article	IF	Citations
1	Self-Nucleation Effects on Polymer Crystallization. Macromolecules, 2020, 53, 4581-4604.	2.2	144
2	Tailoring the Structure, Morphology, and Crystallization of Isodimorphic Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (su History. Macromolecules, 2017, 50, 597-608.	2.2	77
3	Crystallization of isodimorphic aliphatic random copolyesters: Pseudo-eutectic behavior and double-crystalline materials. European Polymer Journal, 2018, 101, 233-247.	2.6	65
4	The origin of memory effects in the crystallization of polyamides: Role of hydrogen bonding. Polymer, 2020, 188, 122117.	1.8	61
5	Fractionated crystallization in semicrystalline polymers. Progress in Polymer Science, 2021, 115, 101376.	11.8	48
6	Nucleating efficiency and thermal stability of industrial non-purified lignins and ultrafine talc in poly(lactic acid) (PLA). Polymer Degradation and Stability, 2017, 142, 244-254.	2.7	43
7	Chemical Structure Drives Memory Effects in the Crystallization of Homopolymers. Macromolecules, 2020, 53, 4874-4881.	2.2	43
8	Experimental and Data Fitting Guidelines for the Determination of Polymer Crystallization Kinetics. Chinese Journal of Polymer Science (English Edition), 2022, 40, 658-691.	2.0	40
9	Nucleation, Crystallization, and Thermal Fractionation of Poly (Îµ-Caprolactone)-Grafted-Lignin: Effects of Grafted Chains Length and Lignin Content. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 1736-1750.	2.4	38
10	Supernucleation and Orientation of Poly(butylene terephthalate) Crystals in Nanocomposites Containing Highly Reduced Graphene Oxide. Macromolecules, 2017, 50, 9380-9393.	2.2	34
11	Crystallization and self-nucleation of PLA, PBS and PCL in their immiscible binary and ternary blends. Thermochimica Acta, 2019, 677, 117-130.	1.2	34
12	A Review on Current Strategies for the Modulation of Thermomechanical, Barrier, and Biodegradation Properties of Poly (Butylene Succinate) (PBS) and Its Random Copolymers. Polymers, 2022, 14, 1025.	2.0	30
13	The influence of small amounts of linear polycaprolactone chains on the crystallization of cyclic analogue molecules. RSC Advances, 2016, 6, 48049-48063.	1.7	29
14	Nonâ€monotonic molecular weight dependence of crystallization rates of linear and cyclic poly(epsilonâ€caprolactone)s in a wide temperature range. Polymer International, 2016, 65, 1074-1079.	1.6	28
15	Tailoring the isothermal crystallization kinetics of isodimorphic poly (butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (121863.	1.8	27
16	Effects of Hairy Nanoparticles on Polymer Crystallization Kinetics. Macromolecules, 2019, 52, 9186-9198.	2.2	27
17	Evenâ€“Odd Effect in Aliphatic Polycarbonates with Different Chain Lengths: from Poly (Hexamethylene) Tj ETQq1 1 0.784314 rgBT /	2.2	26
18	Plasticization and cocrystallization in L<scp>LDPE</scp>/wax blends. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1469-1482.	2.4	24

#	Article	IF	Citations
19	Crystallization behavior of precision polymers containing azobenzene defects. European Polymer Journal, 2017, 97, 299-307.	2.6	23
20	Crystallization kinetics and nanoparticle ordering in semicrystalline polymer nanocomposites. Progress in Polymer Science, 2022, 128, 101527.	11.8	21
21	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Îµ-caprolactone) Mixed with a Polycarbonate/MWCNTs Masterbatch. Polymers, 2017, 9, 709.	2.0	20
22	Effect of the Crystallization Conditions on the Exclusion/Inclusion Balance in Biodegradable Poly(butylene succinate-ran-butylene adipate) Copolymers. Biomacromolecules, 2020, 21, 3420-3435.	2.6	20
23	Crystallization of Cyclic Polymers. Advances in Polymer Science, 2015, , 93-132.	0.4	17
24	Accelerating the crystallization kinetics of linear polylactides by adding cyclic poly (-lactide): Nucleation, plasticization and topological effects. International Journal of Biological Macromolecules, 2021, 186, 255-267.	3.6	16
25	Competition between supernucleation and plasticization in the crystallization and rheological behavior of PCL/CNT-based nanocomposites and nanohybrids. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1310-1325.	2.4	15
26	Crystallization kinetics of polylactide: Reactive plasticization and reprocessing effects. Polymer Degradation and Stability, 2018, 148, 56-66.	2.7	15
27	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Butylene Succinate) Mixed with a Polycarbonate/MWCNT Masterbatch. Polymers, 2018, 10, 424.	2.0	14
28	Melt Memory Effects in Poly(butylene succinate) Studied by Differential Fast Scanning Calorimetry. Polymers, 2020, 12, 2796.	2.0	14
29	Influence of Chain Primary Structure and Topology (Branching) on Crystallization and Thermal Properties: The Case of Polysulfides. Macromolecules, 2019, 52, 2093-2104.	2.2	13
30	Crystallization of poly(hexamethylene carbonate)-co-poly(hexamethylene urethane) segmental block copolymers: From single to double crystalline phases. Polymer, 2021, 222, 123675.	1.8	10
31	Asymmetric Co-unit Inclusion in Statistical Copolyesters. Macromolecules, 2021, 54, 835-845.	2.2	9
32	Solidâ€“Solid Crystal Transitions (Î´ to Î±) in Poly(hexamethylene carbonate) and Poly(octamethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	8
33	The influence of paraffin wax addition on the isothermal crystallization of LLDPE. Journal of Applied Polymer Science, 2017, 134, .	1.3	7
34	Unexpected Structural Properties in the Saturation Region of the Oddâ€“Even Effects in Aliphatic Polyethers: Influence of Crystallization Conditions. Macromolecules, 2022, 55, 584-594.	2.2	7
35	<scp>SSA</scp> fractionation of thermoplastic polyurethanes. Polymer Crystallization, 2021, 4, .	0.5	6
36	Using Successive Self-Nucleation and Annealing to Detect the Solidâ€“Solid Transitions in Poly(hexamethylene carbonate) and Poly(octamethylene carbonate). Macromolecules, 2021, 54, 9670-9680.	2.2	6

#	Article	IF	Citations
37	Polycaprolactone Adsorption and Nucleation onto Graphite Nanoplates for Highly Flexible, Thermally Conductive, and Thermomechanically Stiff Nanopapers. ACS Applied Materials & Interfaces, 2021, , .	4.0	5