

Xipo Zhao

List of Publications by Year in descending order

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15
papers

656
citations

933447

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docs citations

15
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in compatibility and toughness of poly(lactic acid)/poly(butylene succinate) blends. E-Polymers, 2021, 21, 793-810.	3.0	21
2	Recent progress of preparation of branched poly(lactic acid) and its application in the modification of polylactic acid materials. International Journal of Biological Macromolecules, 2021, 193, 874-892.	7.5	38
3	High-Toughness Poly(lactic Acid)/Starch Blends Prepared through Reactive Blending Plasticization and Compatibilization. Molecules, 2020, 25, 5951.	3.8	17
4	Super tough poly(lactic acid) blends: a comprehensive review. RSC Advances, 2020, 10, 13316-13368.	3.6	221
5	In-situ Polymerization of exfoliated structure PA6/organo-clay nanocomposites. Reviews on Advanced Materials Science, 2020, 59, 434-440.	3.3	8
6	High-performance fully bio-based poly(lactic acid)/ polyamide11 (PLA/PA11) blends by reactive blending with multi-functionalized epoxy. Polymer Testing, 2019, 78, 105980.	4.8	36
7	Curing behaviors, mechanical properties, dynamic mechanical analysis and morphologies of natural rubber vulcanizates containing reclaimed rubber. E-Polymers, 2019, 19, 482-488.	3.0	24
8	Synergistic effects of polyethylene glycol and organic montmorillonite on the plasticization and enhancement of poly(lactic acid). Journal of Applied Polymer Science, 2019, 136, 47576.	2.6	19
9	Mechanical properties, rheological behaviors, and phase morphologies of high-toughness PLA/PBAT blends by in-situ reactive compatibilization. Composites Part B: Engineering, 2019, 173, 107028.	12.0	189
10	Preparation and crystallization kinetics of polyesteramide based on poly(L-lactic acid). E-Polymers, 2018, 18, 97-104.	3.0	2
11	Synthesis and Photoinitiated Crosslinking of Active Poly(lactic acid) Materials. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1239-1246.	1.0	5
12	Interfacial compatibility of super-tough poly(lactic acid)/polyurethane blends investigated by positron annihilation lifetime spectroscopy. Journal of Applied Polymer Science, 2018, 135, 46596.	2.6	9
13	Highly toughened polylactide (PLA) by reactive blending with novel polycaprolactone-based polyurethane (PCLU) blends. Polymer Testing, 2018, 70, 275-280.	4.8	40
14	Reactive blending toughened PLA by in situ formation of polyurethane crosslinked elastomer. Polymer Science - Series B, 2017, 59, 437-442.	0.8	8
15	Toughening of polylactide via <i>in situ</i> formation of polyurethane crosslinked elastomer during reactive blending. Journal of Applied Polymer Science, 2017, 134, .	2.6	19