Xipo Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1377526/publications.pdf

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15	656	933447 10	996975 15
papers	citations	h-index	g-index

15	15	15	599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Super tough poly(lactic acid) blends: a comprehensive review. RSC Advances, 2020, 10, 13316-13368.	3.6	221
2	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
3	Highly toughened polylactide (PLA) by reactive blending with novel polycaprolactone-based polyurethane (PCLU) blends. Polymer Testing, 2018, 70, 275-280.	4.8	40
4	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
5	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
6	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
7	Recent advances in compatibility and toughness of poly(lactic acid)/poly(butylene succinate) blends. E-Polymers, 2021, 21, 793-810.	3.0	21
8	Toughening of polylactide via in situ formation of polyurethane crosslinked elastomer during reactive blending. Journal of Applied Polymer Science, 2017, 134, .	2.6	19
9	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
10	High-Toughness Poly(lactic Acid)/Starch Blends Prepared through Reactive Blending Plasticization and Compatibilization. Molecules, 2020, 25, 5951.	3.8	17
11	Interfacial compatibility of superâ€tough poly(lactic acid)/polyurethane blends investigated by positron annihilation lifetime spectroscopy. Journal of Applied Polymer Science, 2018, 135, 46596.	2.6	9
12	Reactive blending toughened PLA by in situ formation of polyurethane crosslinked elastomer. Polymer Science - Series B, 2017, 59, 437-442.	0.8	8
13	In-situ Polymerization of exfoliated structure PA6/organo-clay nanocomposites. Reviews on Advanced Materials Science, 2020, 59, 434-440.	3.3	8
14	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
15	Preparation and crystallization kinetics of polyesteramide based on poly(L-lactic acid). E-Polymers, 2018, 18, 97-104.	3.0	2