

Xiaoying Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1683934
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times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Narrowing the Gap for Bioplastic Use in Food Packaging: An Update. <i>Environmental Science & Technology</i> , 2020, 54, 4712-4732.	4.6	207
2	Optimal mechanical properties of biodegradable natural rubber-toughened PHBV bioplastics intended for food packaging applications. <i>Food Packaging and Shelf Life</i> , 2019, 21, 100348.	3.3	32
3	Synergistic Mechanisms Underlie the Peroxide and Coagent Improvement of Natural-Rubber-Toughened Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Mechanical Performance. <i>Polymers</i> , 2019, 11, 565.	2.0	23
4	Bio-based blends from poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and natural rubber for packaging applications. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47334.	1.3	22
5	Thermal and Barrier Characterizations of Cellulose Esters with Variable Side-Chain Lengths and Their Effect on PHBV and PLA Bioplastic Film Properties. <i>ACS Omega</i> , 2021, 6, 24700-24708.	1.6	9
6	Value-Added Use of Invasive Plant-Derived Fibers as PHBV Fillers for Biocomposite Development. <i>Polymers</i> , 2021, 13, 1975.	2.0	5
7	Spent coffee ground oil as a valuable source of epoxides and epoxidation derivatives: Quantitation and characterization using low-field NMR. <i>LWT - Food Science and Technology</i> , 2022, 165, 113719.	2.5	3