Pei Zhang

List of Publications by Year
in descending order

12	537	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of eugenol and rosin as feedstocks for biobased epoxy resins and study of curing and performance properties. Polymer International, 2014, 63, 760-765.	3.1	143
2	Preparation of biobased epoxies using tung oil fatty acid-derived C21 diacid and C22 triacid and study of epoxy properties. Green Chemistry, 2013, 15, 2466.	9.0	97
3	Study of green epoxy resins derived from renewable cinnamic acid and dipentene: synthesis, curing and properties. RSC Advances, 2014, 4, 8525.	3.6	62
4	One-step acrylation of soybean oil (SO) for the preparation of SO-based macromonomers. Green Chemistry, 2013, 15, 641.	9.0	59
5	Use of Hempseed-Oil-Derived Polyacid and Rosin-Derived Anhydride Acid as Cocuring Agents for Epoxy Materials. ACS Sustainable Chemistry and Engineering, 2018, 6, 4016-4025.	6.7	43
6	Partial depolymerization of enzymolysis lignin via mild hydrogenolysis over Raney Nickel. Bioresource Technology, 2014, 155, 422-426.	9.6	42
7	Effects of Catalyst Type and Reaction Parameters on One-Step Acrylation of Soybean Oil. ACS Sustainable Chemistry and Engineering, 2014, 2, 181-187.	6.7	33
8	A Novel and Formaldehyde-Free Preparation Method for Lignin Amine and Its Enhancement for Soy Protein Adhesive. Journal of Polymers and the Environment, 2017, 25, 599-605.	5.0	24
9	Enhanced melt free radical grafting efficiency of polyethylene using a novel redox initiation method. RSC Advances, 2014, 4, 26425.	3.6	15
10	Preparation and properties of hydrogels based on PEG and isosorbide building blocks with phosphate linkages. Polymer, 2015, 78, 212-218.	3.8	10
11	Biobased miktoarm star copolymer from soybean oil, isosorbide, and caprolactone. Journal of Applied Polymer Science, 2020, 137, 48281.	2.6	7
12	Developing Vegetable Oil-Based High Performance Thermosetting Resins. ACS Symposium Series, 2014, , 299-313.	0.5	2