Jizhi Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

14	488	840119 11	1058022 14
papers	citations	h-index	g-index

14	14	14	602
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, structure, and characterization of glyoxalâ€ureaâ€formaldehyde cocondensed resins. Journal of Applied Polymer Science, 2014, 131, .	1.3	75
2	Alkali lignin depolymerization under eco-friendly and cost-effective NaOH/urea aqueous solution for fast curing bio-based phenolic resin. Industrial Crops and Products, 2018, 120, 25-33.	2.5	68
3	Fast Curing Bio-Based Phenolic Resins via Lignin Demethylated under Mild Reaction Condition. Polymers, 2017, 9, 428.	2.0	63
4	Recent advances and perspectives on constructing metal oxide semiconductor gas sensing materials for efficient formaldehyde detection. Journal of Materials Chemistry C, 2020, 8, 13169-13188.	2.7	63
5	Synthesis and Mechanism of Metal-Mediated Polymerization of Phenolic Resins. Polymers, 2016, 8, 159.	2.0	44
6	Improved Adhesion Performance of Soy Protein-Based Adhesives with a Larch Tannin-Based Resin. Polymers, 2017, 9, 408.	2.0	31
7	A New Flexible Soy-Based Adhesive Enhanced with Neopentyl Glycol Diglycidyl Ether: Properties and Application. Polymers, 2016, 8, 346.	2.0	28
8	Structural Properties and Copolycondensation Mechanism of Valonea Tannin-Modified Phenol-formaldehyde Resin. Journal of Polymers and the Environment, 2018, 26, 1297-1309.	2.4	28
9	Physico-Chemical Properties of Soybean Meal-Based Adhesives Reinforced by Ethylene Glycol Diglycidyl Ether and Modified Nanocrystalline Cellulose. Polymers, 2017, 9, 463.	2.0	25
10	Performances of larch (<scp>l</scp>arix gmelini) tannin modified ureaâ€“formaldehyde (TUF) resin and plywood bonded by TUF resin. Journal of Applied Polymer Science, 2014, 131, .	1.3	21
11	Pyrolysis kinetics of tanninâ€“phenolâ€“formaldehyde resin by non-isothermal thermogravimetric analysis. Journal of Thermal Analysis and Calorimetry, 2015, 121, 867-876.	2.0	15
12	Utilization of hydrophilic/hydrophobic hyperbranched poly(amidoamine)s as additives for melamine urea formaldehyde adhesives. Polymer Composites, 2015, 36, 2255-2264.	2.3	10
13	MALDI-TOF MS analysis of the acceleration of the curing of phenolâ€“formaldehyde (PF) resins induced by propylene carbonate. European Journal of Wood and Wood Products, 2015, 73, 135-138.	1.3	10
14	Curing properties of highâ€Ortho phenolâ€formaldehyde resins with coâ€catalysis. Journal of Applied Polymer Science, 2019, 136, 47229.	1.3	7