Keiichi Koda

List of Publications by Year
in descending order

29 papers	533 citations	567281 15 h-index	642732 23 g-index
30 all docs	30 docs citations	30 times ranked	654 citing authors

#	Article	IF	Citations
1	Preparation of Novel Lignin-Based Cement Dispersants from Isolated Lignins. Journal of Wood Chemistry and Technology, 2013, 33, 286-298.	1.7	48
2	Preparation of electrode for electric double layer capacitor from electrospun lignin fibers. Holzforschung, 2015, 69, 1097-1106.	1.9	42
3	Conversion of Technical Lignins to Amphiphilic Derivatives with High Surface Activity. Journal of Wood Chemistry and Technology, 2010, 30, 164-174.	1.7	41
4	Improvement of Mechanical Properties of Softwood Lignin-Based Carbon Fibers. Journal of Wood Chemistry and Technology, 2014, 34, 111-121.	1.7	41
5	Optimization of simultaneous saccharification and fermentation conditions with amphipathic lignin derivatives for concentrated bioethanol production. Bioresource Technology, 2017, 232, 126-132.	9.6	40
6	Dehydrogenative Polymerization of Coniferyl Alcohol in Artificial Polysaccharides Matrices: Effects of Xylan on the Polymerization. Journal of Agricultural and Food Chemistry, 2015, 63, 4613-4620.	5.2	39
7	CHEMICAL THERMOSTABILIZATION FOR THE PREPARATION OF CARBON FIBERS FROM SOFTWOOD LIGNIN. BioResources, 2012, 7, .	1.0	30
8	Preparation of electric double layer capacitors (EDLCs) from two types of electrospun lignin fibers. Holzforschung, 2016, 70, 661-671.	1.9	25
9	Fabrication of honeycomb-patterned cellulose material that mimics wood cell wall formation processes. Materials Science and Engineering C, 2011, 31, 1201-1208.	7.3	24
10	Improvement of Enzymatic Saccharification of Unbleached Cedar Pulp with Amphipathic Lignin Derivatives. BioResources, 2013, 8, .	1.0	24
11	TEMPO-oxidized cellulose nanofiber-reinforced lignin based polyester films as a separator for electric double-layer capacitor. Cellulose, 2019, 26, 569-580.	4.9	22
12	Quantitative 1H NMR analysis of alkaline polysulfide solutions. Holzforschung, 2005, 59, 124-131.	1.9	21
13	Amphipathic lignin derivatives to accelerate simultaneous saccharification and fermentation of unbleached softwood pulp for bioethanol production. Bioresource Technology, 2014, 173, 104-109.	9.6	19
14	Preparation of Waterâ€inâ€Oil Microemulsion from the Mixtures of Castor Oil and Sunflower Oil as Makeup Remover. Journal of Surfactants and Detergents, 2018, 21, 809-816.	2.1	16
15	Enzymatic Saccharification of Soda Pulp from Sago Starch Waste Using Sago Lignin-Based Amphipathic Derivatives. Journal of Wood Chemistry and Technology, 2014, 34, 157-168.	1.7	15
16	Development of Lignin-Based Terpolyester Film and Its Application to Separator Material for Electric Double-Layer Capacitor. Journal of Wood Chemistry and Technology, 2019, 39, 198-213.	1.7	12
17	Determination of the absolute molar mass of acetylated eucalyptus kraft lignin by two types of size-exclusion chromatography combined with multi-angle laser light-scattering detectors. Holzforschung, 2019, 73, 363-369.	1.9	12
18	Novel Functions of Non-Ionic, Amphiphilic Lignin Derivatives. ACS Symposium Series, 2012, , 243-254.	0.5	11

#	Article	IF	Citations
19	Preparation of High-Performance Internal Tandem Electric Double-Layer Capacitors (IT-EDLCs) from Melt-Spun Lignin Fibers. Journal of Wood Chemistry and Technology, 2016, 36, 418-431.	1.7	9
20	A branched structure provides kraft lignins a denser morphology and a high molar mass for a given hydrodynamic radius. Holzforschung, 2020, 74, 551-558.	1.9	8
21	Ligninolytic Activity at 0ÂÂ°C of Fungi on Oak Leaves Under Snow Cover in a Mixed Forest in Japan. Microbial Ecology, 2017, 74, 322-331.	2.8	7
22	Preparation of kraft lignin-based activated carbon fiber electrodes for electric double layer capacitors using an ionic liquid electrolyte. Holzforschung, 2020, 74, 577-588.	1.9	6
23	Evaluation of Reaction Efficiency of Thioacidolysis for Cleavage ofÎ²-O-4 Interunitary Linkages by UsingÎ²-O-4 Type Artificial Lignin Polymer. Journal of Wood Chemistry and Technology, 2009, 29, 178-190.	1.7	5
24	Association of amphipathic lignin derivatives with cellobiohydrolase groups improves enzymatic saccharification of lignocellulosics. Cellulose, 2017, 24, 1849-1862.	4.9	5
25	Direct Electrospinning of Cellulose Acetate onto Polyurethane Sheet and Effect of Its Saponification on Mechanical Properties. Journal of Wood Chemistry and Technology, 2019, 39, 282-295.	1.7	4
26	Cellulose acetate with CTA I polymorph can be defibrated into nanofibers to produce a highly transparent nanopaper. Cellulose, 2020, 27, 4991-5001.	4.9	3
27	Chemicals from Lignin Based on Thermal Fusibility and Amphiphilicity. ACS Symposium Series, 2011, , 261-277.	0.5	2
28	Effect of Vapor-Phase Surface Acetylation of Japanese Cedar Wood on Fungal Degradation and Dimensional Stability. Journal of Wood Chemistry and Technology, 2020, 40, 1-14.	1.7	2
29	Introduction of the Researches Presented at 19th International Symposium on Wood, Fibre and Pulping Chemistry ï¼ˆISWFPCï¼‰. Kami Pa Gikyoshi/Japan Tappi Journal, 2018, 72, 414-422.	0.1	0