

# Jussi Kontro

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Depolymerization of biorefinery lignin by improved laccases of the white-rot fungus <i>Obba rivulosa</i> . <i>Microbial Biotechnology</i> , 2021, 14, 2140-2151.	4.2	6
2	Hydrothermal Depolymerization of Kraft Lignins with Green C <sub>1</sub> -C <sub>3</sub> Alcohol-Water Mixtures. <i>Energy &amp; Fuels</i> , 2021, 35, 15770-15777.	5.1	7
3	Production of Recombinant Laccase From <i>Coprinopsis cinerea</i> and Its Effect in Mediator Promoted Lignin Oxidation at Neutral pH. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 767139.	4.1	8
4	On the Effect of Hot-Water Pretreatment in Sulfur-Free Pulping of Aspen and Wheat Straw. <i>ACS Omega</i> , 2020, 5, 265-273.	3.5	12
5	Fungal Treatment Modifies Kraft Lignin for Lignin- and Cellulose-Based Carbon Fiber Precursors. <i>ACS Omega</i> , 2020, 5, 6130-6140.	3.5	18
6	Applicability of Recombinant Laccases From the White-Rot Fungus <i>Obba rivulosa</i> for Mediator-Promoted Oxidation of Biorefinery Lignin at Low pH. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 604497.	4.1	14
7	Selective Cleavage of Lignin $\beta$ -O-4 Aryl Ether Bond by $\beta$ -Esterase of the White-Rot Fungus <i>Dichomitus squalens</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2878-2882.	6.7	66
8	Bioremediation of TNT contaminated soil with fungi under laboratory and pilot scale conditions. <i>International Biodeterioration and Biodegradation</i> , 2015, 105, 7-12.	3.9	56
9	Phenolic mediators enhance the manganese peroxidase catalyzed oxidation of recalcitrant lignin model compounds and synthetic lignin. <i>Fungal Genetics and Biology</i> , 2014, 72, 137-149.	2.1	54
10	Action of fungal laccases on lignin model compounds in organic solvents. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 76, 59-67.	1.8	28
11	Oxidation of lignans and lignin model compounds by laccase in aqueous solvent systems. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 72, 122-129.	1.8	37