Jussi Kontro

List of Publications by Year
in descending order

11 papers	306 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	477 citing authors

#	Article	IF	Citations
1	Selective Cleavage of Lignin β-O-4 Aryl Ether Bond by β-Etherase of the White-Rot Fungus *Dichomitus squalens*. ACS Sustainable Chemistry and Engineering, 2018, 6, 2878-2882.	6.7	66
2	Bioremediation of TNT contaminated soil with fungi under laboratory and pilot scale conditions. International Biodeterioration and Biodegradation, 2015, 105, 7-12.	3.9	56
3	Phenolic mediators enhance the manganese peroxidase catalyzed oxidation of recalcitrant lignin model compounds and synthetic lignin. Fungal Genetics and Biology, 2014, 72, 137-149.	2.1	54
4	Oxidation of lignans and lignin model compounds by laccase in aqueous solvent systems. Journal of Molecular Catalysis B: Enzymatic, 2011, 72, 122-129.	1.8	37
5	Action of fungal laccases on lignin model compounds in organic solvents. Journal of Molecular Catalysis B: Enzymatic, 2012, 76, 59-67.	1.8	28
6	Fungal Treatment Modifies Kraft Lignin for Lignin- and Cellulose-Based Carbon Fiber Precursors. ACS Omega, 2020, 5, 6130-6140.	3.5	18
7	Applicability of Recombinant Laccases From the White-Rot Fungus Obba rivulosa for Mediator-Promoted Oxidation of Biorefinery Lignin at Low pH. Frontiers in Bioengineering and Biotechnology, 2020, 8, 604497.	4.1	14
8	On the Effect of Hot-Water Pretreatment in Sulfur-Free Pulping of Aspen and Wheat Straw. ACS Omega, 2020, 5, 265-273.	3.5	12
9	Production of Recombinant Laccase From Coprinopsis cinerea and Its Effect in Mediator Promoted Lignin Oxidation at Neutral pH. Frontiers in Bioengineering and Biotechnology, 2021, 9, 767139.	4.1	8
10	Hydrothermal Depolymerization of Kraft Lignins with Green C_1–C_3 Alcohol–Water Mixtures. Energy & Fuels, 2021, 35, 15770-15777.	5.1	7
11	Depolymerization of biorefinery lignin by improved laccases of the white-rot fungus *Obba rivulosa*. Microbial Biotechnology, 2021, 14, 2140-2151.	4.2	6