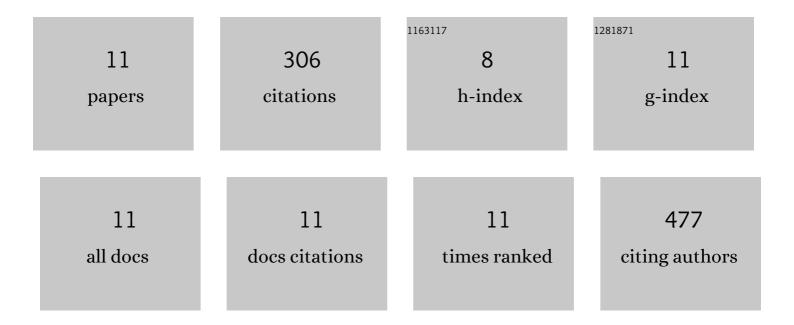
## Jussi Kontro

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2968579/publications.pdf Version: 2024-02-01



LUSSI KONTRO

#	Article	IF	CITATIONS
1	Selective Cleavage of Lignin β-‹i>O‹/i>-4 Aryl Ether Bond by β-Etherase of the White-Rot Fungus ‹i>Dichomitus squalens‹/i>. 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 <sub>1</sub> –C <sub>3</sub> Alcohol–Water Mixtures. Energy & Fuels, 2021, 35, 15770-15777.	5.1	7
11	Depolymerization of biorefinery lignin by improved laccases of the whiteâ€rot fungus <i>Obba rivulosa</i> . Microbial Biotechnology, 2021, 14, 2140-2151.	4.2	6