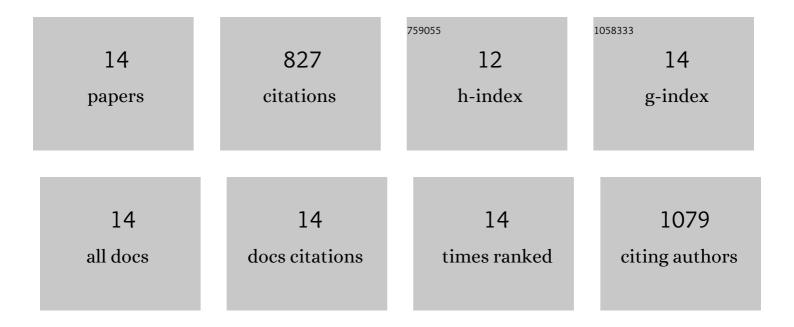
## **Charles Junghanns**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8212250/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Degradation of the xenoestrogen nonylphenol by aquatic fungi and their laccases. Microbiology (United Kingdom), 2005, 151, 45-57.	0.7	159
2	Harnessing the power of enzymes for environmental stewardship. Biotechnology Advances, 2012, 30, 933-953.	6.0	158
3	Purification and characterization of two thermostable laccases from Pycnoporus sanguineus and potential role in degradation of endocrine disrupting chemicals. Journal of Molecular Catalysis B: Enzymatic, 2014, 108, 32-42.	1.8	123
4	Combined cross-linked enzyme aggregates from versatile peroxidase and glucose oxidase: Production, partial characterization and application for the elimination of endocrine disruptors. Bioresource Technology, 2011, 102, 6593-6599.	4.8	106
5	Potential of aquatic fungi derived from diverse freshwater environments to decolourise synthetic azo and anthraquinone dyes. Bioresource Technology, 2008, 99, 1225-1235.	4.8	74
6	Biochemical and molecular genetic characterisation of a novel laccase produced by the aquatic ascomycete Phoma sp. UHH 5-1-03. Applied Microbiology and Biotechnology, 2009, 84, 1095-1105.	1.7	45
7	Design-of-experiment strategy for the formulation of laccase biocatalysts and their application to degrade bisphenol A. New Biotechnology, 2012, 30, 96-103.	2.4	32
8	Enhanced production of thermostable laccases from a native strain of Pycnoporus sanguineus using central composite design. Journal of Zhejiang University: Science B, 2014, 15, 343-352.	1.3	32
9	Towards Higher Laccase Activities Produced by Aquatic Ascomycetous Fungi Through Combination of Elicitors and an Alternative Substrate. Engineering in Life Sciences, 2008, 8, 277-285.	2.0	31
10	Quantification of the Influence of Extracellular Laccase and Intracellular Reactions on the Isomer-Specific Biotransformation of the Xenoestrogen Technical Nonylphenol by the Aquatic Hyphomycete <i>Clavariopsis aquatica</i> . Applied and Environmental Microbiology, 2009, 75, 4398-4409.	1.4	25
11	Purification and biochemical characterization of a laccase from the aquatic fungus Myrioconium sp. UHH 1-13-18-4 and molecular analysis of the laccase-encoding gene. Applied Microbiology and Biotechnology, 2007, 77, 613-624.	1.7	17
12	Application of the aquatic fungus <i>Phoma</i> sp. (DSM22425) in bioreactors for the treatment of textile dye model effluents. Journal of Chemical Technology and Biotechnology, 2012, 87, 1276-1283.	1.6	14
13	Stimulation of laccases from <i>Trametes pubescens</i> : Use in dye decolorization and cotton bleaching. Preparative Biochemistry and Biotechnology, 2016, 46, 639-647.	1.0	9
14	Dynamic measurement of oxidase activity based on oxygen consumption in open systems. Engineering in Life Sciences, 2015, 15, 804-814.	2.0	2