

Charles Junghanns

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8212250/publications.pdf>

Version: 2024-02-01

14
papers

827
citations

759055

12
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

1079
citing authors

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