# Charles Junghanns

List of Publications by Year
in descending order



| 14 | 827 | 759055 12 | 1058333 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 1079 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | 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 HyphomyceteClavariopsis aquatica. 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 Phoma 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 Trametes pubescens: 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 |