

MarÃ-a I Fonseca

List of Publications by Year in descending order

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28
papers

363
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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Copper inducing effect on laccase production of white rot fungi native from Misiones (Argentina). <i>Enzyme and Microbial Technology</i> , 2010, 46, 534-539. | 3.2 | 79 |
| 2 | Mycoremediation of high concentrations of polychlorinated biphenyls with <i>Pleurotus sajor-caju</i> LBM 105 as an effective and cheap treatment. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103453. | 6.7 | 26 |
| 3 | Biopulping of wood chips with <i>Phlebia brevispora</i> BAFC 633 reduces lignin content and improves pulp quality. <i>International Biodeterioration and Biodegradation</i> , 2014, 90, 29-35. | 3.9 | 25 |
| 4 | Decolorization of Kraft liquor effluents and biochemical characterization of laccases from <i>Phlebia brevispora</i> BAFC 633. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 443-451. | 3.9 | 21 |
| 5 | Evaluation of bioremediation strategies for treating recalcitrant halo-organic pollutants in soil environments. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110929. | 6.0 | 21 |
| 6 | Isolation of a laccase-coding gene from the lignin-degrading fungus <i>Phlebia brevispora</i> BAFC 633 and heterologous expression in <i>Pichia pastoris</i> . <i>Journal of Applied Microbiology</i> , 2018, 124, 1454-1468. | 3.1 | 18 |
| 7 | Screening of new secretory cellulases from different supernatants of white rot fungi from Misiones, Argentina. <i>Mycology</i> , 2017, 8, 1-10. | 4.4 | 17 |
| 8 | Influence of Culture Conditions on Laccase Production, Growth, and Isoenzymes Patterns in Native White Rot Fungi from the Misiones Rainforest (Argentina). <i>BioResources</i> , 2013, 8, . | 1.0 | 14 |
| 9 | Preliminary studies of new strains of <i>Trametes</i> sp. from Argentina for laccase production ability. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 287-297. | 2.0 | 13 |
| 10 | Assessing the ability of white-rot fungi to tolerate polychlorinated biphenyls using predictive mycology. <i>Mycology</i> , 2018, 9, 239-249. | 4.4 | 13 |
| 11 | Adding value to lignocellulosic wastes via their use for endoxylanase production by <i>Aspergillus</i> fungi. <i>Mycologia</i> , 2019, 111, 195-205. | 1.9 | 12 |
| 12 | Comparative study of single cultures and a consortium of white rot fungi for polychlorinated biphenyls treatment. <i>Journal of Applied Microbiology</i> , 2021, 131, 1775-1786. | 3.1 | 12 |
| 13 | White Rot Fungi Laccases for Biotechnological Applications. <i>Recent Patents on DNA & Gene Sequences</i> , 2010, 4, 106-112. | 0.7 | 11 |
| 14 | Bioprocess conditions for treating mineral transformer oils contaminated with polychlorinated biphenyls (PCBs). <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104068. | 6.7 | 10 |
| 15 | Effect of chemical and metallic compounds on biomass, mRNA levels and laccase activity of <i>Phlebia brevispora</i> BAFC 633. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2251-2262. | 3.6 | 9 |
| 16 | Enzymatic hydrolysis of barley straw for biofuel industry using a novel strain of <i>Trametes villosa</i> from Paranaense rainforest. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 753-762. | 1.9 | 9 |
| 17 | Proteomic insight on the polychlorinated biphenyl degrading mechanism of <i>Pleurotus pulmonarius</i> LBM 105. <i>Chemosphere</i> , 2021, 265, 129093. | 8.2 | 9 |
| 18 | <i>Aspergillus niger</i> LBM 134 isolated from rotten wood and its potential cellulolytic ability. <i>Mycology</i> , 2021, 12, 160-173. | 4.4 | 8 |

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|----|---|-----|-----------|
| 19 | CHARACTERIZATION OF THE OXIDATIVE ENZYME POTENTIAL IN WILD WHITE ROT FUNGI FROM MISIONES (ARGENTINA). <i>Acta Biologica Colombiana</i> , 2014, 20, 47-56. | 0.4 | 7 |
| 20 | Evaluation of new xylanolytic-producing isolates of <i>Aspergillus</i> from Misiones subtropical rainforest using sugarcane bagasse. <i>Arab Journal of Basic and Applied Sciences</i> , 2019, 26, 292-301. | 2.1 | 6 |
| 21 | Secretomic analysis of cheap enzymatic cocktails of <i>Aspergillus niger</i> LBM 134 grown on cassava bagasse and sugarcane bagasse. <i>Mycologia</i> , 2020, 112, 663-676. | 1.9 | 6 |
| 22 | COPPER IMPROVES THE PRODUCTION OF LACCASE BY <i>Pleurotus sajor-caju</i> WITH ABILITY TO GROW ON EFFLUENTS OF THE CITRUS INDUSTRY. <i>Revista Internacional De Contaminacion Ambiental</i> , 2020, 36, 105-114. | 0.4 | 6 |
| 23 | Optimization of cellobiohydrolase production and secretome analysis of <i>Trametes villosa</i> LBM 033 suitable for lignocellulosic bioconversion. <i>Arab Journal of Basic and Applied Sciences</i> , 2019, 26, 182-192. | 2.1 | 4 |
| 24 | Laccase immobilization on nanoporous aluminum oxide for black liquor treatment. <i>Surfaces and Interfaces</i> , 2022, 30, 101879. | 3.0 | 4 |
| 25 | Exploring novel <i>Penicillium</i> lipolytic activity from the Paranaense rainforest. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 4372-4379. | 2.2 | 2 |
| 26 | OPTIMIZATION OF BIOMASS AND ENDO-B-1,4-GLUCANASE BY WHITE ROT FUNGI NATIVE FROM ARGENTINA. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 2581-2588. | 0.6 | 0 |
| 27 | Whole Shotgun Proteomics and Its Role in Mycoremediation. <i>Springer Protocols</i> , 2022, , 189-199. | 0.3 | 0 |
| 28 | Exploring Agaricomycetes from the Paranaense rainforest (Misiones, Argentina) as an unconventional source of fibrinolytic enzymes. <i>Mycologia</i> , 2022, , 1-12. | 1.9 | 0 |