

Ursula Fillat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Production of Microfibrillated Cellulose from Fast-Growing Poplar and Olive Tree Pruning by Physical Pretreatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6445.	2.5	9
2	Biorefinery of Lignocellulosic Biomass from an Elm Clone: Production of Fermentable Sugars and Lignin-Derived Biochar for Energy and Environmental Applications. <i>Energy Technology</i> , 2019, 7, 277-287.	3.8	24
3	Characterization of lignins from <i>Populus alba</i> L. generated as by-products in different transformation processes: Kraft pulping, organosolv and acid hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 18-29.	7.5	54
4	Valorization of Soda Lignin from Wheat Straw Solid-State Fermentation: Production of Oleogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5198-5205.	6.7	32
5	Assessing cellulose nanofiber production from olive tree pruning residue. <i>Carbohydrate Polymers</i> , 2018, 179, 252-261.	10.2	80
6	Comparison of the efficiency of bacterial and fungal laccases in delignification and detoxification of steam-pretreated lignocellulosic biomass for bioethanol production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1561-1573.	3.0	50
7	Evaluation of lignins from side-streams generated in an olive tree pruning-based biorefinery: Bioethanol production and alkaline pulping. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 238-251.	7.5	46
8	Potential of the new endophytic fungus <i>Hormonema</i> sp. CECT-13092 for improving processes in lignocellulosic biorefineries: biofuel production and cellulosic pulp manufacture. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 997-1005.	3.2	6
9	Laccases as a Potential Tool for the Efficient Conversion of Lignocellulosic Biomass: A Review. <i>Fermentation</i> , 2017, 3, 17.	3.0	85
10	Endophytic Fungi as Pretreatment to Enhance Enzymatic Hydrolysis of Olive Tree Pruning. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	12
11	Potential of Lignin-Degrading Endophytic Fungi on Lignocellulosic Biorefineries. <i>Sustainable Development and Biodiversity</i> , 2017, , 261-281.	1.7	4
12	Screening of eucalyptus wood endophytes for laccase activity. <i>Process Biochemistry</i> , 2016, 51, 589-598.	3.7	44
13	Chemical Modification by Impregnation of Poplar Wood with Functional Composite Modifier. <i>BioResources</i> , 2015, 10, .	1.0	6
14	Evaluating Lignin-Rich Residues from Biochemical Ethanol Production of Wheat Straw and Olive Tree Pruning by FTIR and 2D-NMR. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-11.	2.7	58
15	Towards the improvement of <i>Eucalyptus globulus</i> chemical and mechanical pulping using endophytic fungi. <i>International Biodeterioration and Biodegradation</i> , 2015, 105, 120-126.	3.9	18
16	Use of new endophytic fungi as pretreatment to enhance enzymatic saccharification of <i>Eucalyptus globulus</i> . <i>Bioresource Technology</i> , 2015, 196, 383-390.	9.6	43
17	Assessing enzymatic deinking for secondary fibers paper recycling in the presence of flexographic inks. <i>Chemical Engineering Journal</i> , 2015, 260, 486-491.	12.7	13
18	Lignin-enriched Fermentation Residues from Bioethanol Production of Fast-growing Poplar and Forage Sorghum. <i>BioResources</i> , 2015, 10, .	1.0	18

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19	Integrating a Xylanase Treatment into an Industrial-Type Sequence for Eucalyptus Kraft Pulp Bleaching. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 2830-2837.	3.7	12
20	Biodeinking of flexographic inks by fungal laccases using synthetic and natural mediators. <i>Biochemical Engineering Journal</i> , 2012, 67, 97-103.	3.6	41
21	Effect of commercial xylanases applied at extreme conditions in a eucalyptus pulp mill. <i>Tappi Journal</i> , 2012, 11, 53-59.	0.5	2
22	Flax fibers as a raw material: How to bleach efficiently a non-woody plant to obtain high-quality pulp. <i>Biomass and Bioenergy</i> , 2010, 34, 1896-1905.	5.7	11
23	Optimization of laccase mediator system in producing biobleached flax pulp. <i>Bioresource Technology</i> , 2010, 101, 181-187.	9.6	43
24	Optical constants of Cu ₂ ZnGeS ₄ bulk crystals. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	60
25	An Approach to Industrial Application: Influence of Black Liquor and pH on Xylanase Efficiency in Bleaching of Eucalyptus Kraft Pulp. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 11200-11205.	3.7	9
26	Effect of process parameters in laccase mediator system delignification of flax pulp. Part II: Impact on effluents properties. <i>Chemical Engineering Journal</i> , 2009, 152, 330-338.	12.7	20
27	Effect of process parameters in laccase-mediator system delignification of flax pulp. <i>Chemical Engineering Journal</i> , 2009, 152, 322-329.	12.7	31
28	Biobleaching of high quality pulps with laccase mediator system: Influence of treatment time and oxygen supply. <i>Biochemical Engineering Journal</i> , 2009, 44, 193-198.	3.6	48