

Carla Oliveira

List of Publications by Citations

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33
papers

707
citations

16
h-index

26
g-index

34
ext. papers

824
ext. citations

5.7
avg. IF

4.19
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 33 | Recombinant microbial systems for improved β galactosidase production and biotechnological applications. <i>Biotechnology Advances</i> , 2011 , 29, 600-9 | 17.8 | 111 |
| 32 | Recombinant CBM-fusion technology - Applications overview. <i>Biotechnology Advances</i> , 2015 , 33, 358-69 | 17.8 | 88 |
| 31 | Metabolic engineering of <i>Saccharomyces cerevisiae</i> for lactose/whey fermentation. <i>Bioengineered Bugs</i> , 2010 , 1, 164-71 | | 55 |
| 30 | Recombinant lectins: an array of tailor-made glycan-interaction biosynthetic tools. <i>Critical Reviews in Biotechnology</i> , 2013 , 33, 66-80 | 9.4 | 35 |
| 29 | Development of stable flocculent <i>Saccharomyces cerevisiae</i> strain for continuous <i>Aspergillus niger</i> beta-galactosidase production. <i>Journal of Bioscience and Bioengineering</i> , 2007 , 103, 318-24 | 3.3 | 34 |
| 28 | Contribution of PRS3, RPB4 and ZWF1 to the resistance of industrial <i>Saccharomyces cerevisiae</i> CCUG53310 and PE-2 strains to lignocellulosic hydrolysate-derived inhibitors. <i>Bioresource Technology</i> , 2015 , 191, 7-16 | 11 | 33 |
| 27 | Expression of frutalin, an alpha-D-galactose-binding jacalin-related lectin, in the yeast <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2008 , 60, 188-93 | 2 | 33 |
| 26 | Characterization and genome sequencing of a <i>Citrobacter freundii</i> phage Cfp1 harboring a lysin active against multidrug-resistant isolates. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 10543-10553 | 5.7 | 32 |
| 25 | Guidelines to reach high-quality purified recombinant proteins. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 81-92 | 5.7 | 27 |
| 24 | cDNA cloning and functional expression of the alpha-D-galactose-binding lectin frutalin in <i>Escherichia coli</i> . <i>Molecular Biotechnology</i> , 2009 , 43, 212-20 | 3 | 24 |
| 23 | Cytotoxic effects of native and recombinant frutalin, a plant galactose-binding lectin, on HeLa cervical cancer cells. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 568932 | | 24 |
| 22 | Recombinant production of plant lectins in microbial systems for biomedical application - the frutalin case study. <i>Frontiers in Plant Science</i> , 2014 , 5, 390 | 6.2 | 19 |
| 21 | The Effect of the Electric Field on Lag Phase, β Galactosidase Production and Plasmid Stability of a Recombinant <i>Saccharomyces cerevisiae</i> Strain Growing on Lactose. <i>Food and Bioprocess Technology</i> , 2012 , 5, 3014-3020 | 5.1 | 18 |
| 20 | A comparative study of recombinant and native frutalin binding to human prostate tissues. <i>BMC Biotechnology</i> , 2009 , 9, 78 | 3.5 | 17 |
| 19 | High-level expression of <i>Aspergillus niger</i> b-galactosidase in <i>Ashbya gossypii</i> . <i>Biotechnology Progress</i> , 2014 , 30, 261-68 | 2.8 | 16 |
| 18 | Production of β galactosidase from recombinant <i>Saccharomyces cerevisiae</i> grown on lactose. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 809-815 | 3.5 | 16 |
| 17 | Molecular and functional characterization of an invertase secreted by <i>Ashbya gossypii</i> . <i>Molecular Biotechnology</i> , 2014 , 56, 524-34 | 3 | 15 |

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|----|---|-----|----|
| 16 | SLMP53-2 Restores Wild-Type-Like Function to Mutant p53 through Hsp70: Promising Activity in Hepatocellular Carcinoma. <i>Cancers</i> , 2019 , 11, | 6.6 | 12 |
| 15 | BSA-based sample clean-up columns for ochratoxin A determination in wine: Method development and validation. <i>Food Chemistry</i> , 2019 , 300, 125204 | 8.5 | 12 |
| 14 | Recombinant family 3 carbohydrate-binding module as a new additive for enhanced enzymatic saccharification of whole slurry from autohydrolyzed Eucalyptus globulus wood. <i>Cellulose</i> , 2018 , 25, 2505-2514 ¹¹ | 5.5 | 11 |
| 13 | The Crystal Structure of the R280K Mutant of Human p53 Explains the Loss of DNA Binding. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 11 |
| 12 | Modification of paper properties using carbohydrate-binding module 3 from the <i>Clostridium thermocellum</i> CipA scaffolding protein produced in <i>Pichia pastoris</i> : elucidation of the glycosylation effect. <i>Cellulose</i> , 2015 , 22, 2755-2765 | 5.5 | 10 |
| 11 | Enhanced heterologous protein production in <i>Pichia pastoris</i> under increased air pressure. <i>Biotechnology Progress</i> , 2014 , 30, 1040-7 | 2.8 | 9 |
| 10 | Effect of hot calendering on physical properties and water vapor transfer resistance of bacterial cellulose films. <i>Journal of Materials Science</i> , 2016 , 51, 9562-9572 | 4.3 | 9 |
| 9 | SLMP53-1 interacts with wild-type and mutant p53 DNA-binding domain and reactivates multiple hotspot mutations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129440 | 4 | 9 |
| 8 | Fermentation Strategies for Production of Pharmaceutical Terpenoids in Engineered Yeast. <i>Pharmaceuticals</i> , 2021 , 14, | 5.2 | 8 |
| 7 | Influence of trace elements supplementation on the production of recombinant frutalin by <i>Pichia pastoris</i> KM71H in fed-batch process. <i>Chemical Papers</i> , 2013 , 67, | 1.9 | 5 |
| 6 | Physiological characterization of a pyrimidine auxotroph exposes link between uracil phosphoribosyltransferase regulation and riboflavin production in <i>Ashbya gossypii</i> . <i>New Biotechnology</i> , 2019 , 50, 1-8 | 6.4 | 4 |
| 5 | Principles of Genetic Engineering 2017 , 81-127 | | 3 |
| 4 | Galactose to tagatose isomerization by the l-arabinose isomerase from <i>Bacillus subtilis</i> : A biorefinery approach for <i>Gelidium sesquipedale</i> valorisation. <i>LWT - Food Science and Technology</i> , 2021 , 151, 112199 | 5.4 | 3 |
| 3 | Production and Bioengineering of Recombinant Pharmaceuticals 2019 , 259-293 | | 2 |
| 2 | Synthesis of Fusion Genes for Cloning by Megaprimer-Based PCR. <i>Methods in Molecular Biology</i> , 2017 , 1620, 101-112 | 1.4 | 2 |
| 1 | Dairy. <i>Contemporary Food Engineering</i> , 2013 , 295-326 | | |