

# Carla Oliveira

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2997/carla-oliveira-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Fermentation Strategies for Production of Pharmaceutical Terpenoids in Engineered Yeast. <i>Pharmaceuticals</i> , <b>2021</b> , 14,                                                                                                                                 | 5.2  | 8         |
| 32 | 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> , <b>2021</b> , 151, 112199                         | 5.4  | 3         |
| 31 | 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> , <b>2020</b> , 1864, 129440                                                                | 4    | 9         |
| 30 | SLMP53-2 Restores Wild-Type-Like Function to Mutant p53 through Hsp70: Promising Activity in Hepatocellular Carcinoma. <i>Cancers</i> , <b>2019</b> , 11,                                                                                                           | 6.6  | 12        |
| 29 | BSA-based sample clean-up columns for ochratoxin A determination in wine: Method development and validation. <i>Food Chemistry</i> , <b>2019</b> , 300, 125204                                                                                                      | 8.5  | 12        |
| 28 | Production and Bioengineering of Recombinant Pharmaceuticals <b>2019</b> , 259-293                                                                                                                                                                                  |      | 2         |
| 27 | Physiological characterization of a pyrimidine auxotroph exposes link between uracil phosphoribosyltransferase regulation and riboflavin production in <i>Ashbya gossypii</i> . <i>New Biotechnology</i> , <b>2019</b> , 50, 1-8                                    | 6.4  | 4         |
| 26 | Recombinant family 3 carbohydrate-binding module as a new additive for enhanced enzymatic saccharification of whole slurry from autohydrolyzed <i>Eucalyptus globulus</i> wood. <i>Cellulose</i> , <b>2018</b> , 25, 2505-2514 <sup>11</sup>                        | 5.5  | 11        |
| 25 | Guidelines to reach high-quality purified recombinant proteins. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 81-92                                                                                                                            | 5.7  | 27        |
| 24 | The Crystal Structure of the R280K Mutant of Human p53 Explains the Loss of DNA Binding. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,                                                                                                     | 6.3  | 11        |
| 23 | Principles of Genetic Engineering <b>2017</b> , 81-127                                                                                                                                                                                                              |      | 3         |
| 22 | Synthesis of Fusion Genes for Cloning by Megaprimer-Based PCR. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1620, 101-112                                                                                                                                    | 1.4  | 2         |
| 21 | Effect of hot calendering on physical properties and water vapor transfer resistance of bacterial cellulose films. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 9562-9572                                                                                | 4.3  | 9         |
| 20 | 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> , <b>2016</b> , 100, 10543-10553                                    | 5.7  | 32        |
| 19 | 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> , <b>2015</b> , 191, 7-16                           | 11   | 33        |
| 18 | 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> , <b>2015</b> , 22, 2755-2765 | 5.5  | 10        |
| 17 | Recombinant CBM-fusion technology - Applications overview. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 358-69                                                                                                                                                 | 17.8 | 88        |

|    |                                                                                                                                                                                                                                                       |      |     |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 16 | Molecular and functional characterization of an invertase secreted by <i>Ashbya gossypii</i> . <i>Molecular Biotechnology</i> , <b>2014</b> , 56, 524-34                                                                                              | 3    | 15  |
| 15 | Enhanced heterologous protein production in <i>Pichia pastoris</i> under increased air pressure. <i>Biotechnology Progress</i> , <b>2014</b> , 30, 1040-7                                                                                             | 2.8  | 9   |
| 14 | Recombinant production of plant lectins in microbial systems for biomedical application - the frutalin case study. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 390                                                                           | 6.2  | 19  |
| 13 | High-level expression of <i>Aspergillus niger</i> $\beta$ -galactosidase in <i>Ashbya gossypii</i> . <i>Biotechnology Progress</i> , <b>2014</b> , 30, 261-68                                                                                         | 2.8  | 16  |
| 12 | Recombinant lectins: an array of tailor-made glycan-interaction biosynthetic tools. <i>Critical Reviews in Biotechnology</i> , <b>2013</b> , 33, 66-80                                                                                                | 9.4  | 35  |
| 11 | 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> , <b>2013</b> , 67,                                                                | 1.9  | 5   |
| 10 | Dairy. <i>Contemporary Food Engineering</i> , <b>2013</b> , 295-326                                                                                                                                                                                   |      |     |
| 9  | The Effect of the Electric Field on Lag Phase, $\beta$ -Galactosidase Production and Plasmid Stability of a Recombinant <i>Saccharomyces cerevisiae</i> Strain Growing on Lactose. <i>Food and Bioprocess Technology</i> , <b>2012</b> , 5, 3014-3020 | 5.1  | 18  |
| 8  | Recombinant microbial systems for improved $\beta$ -galactosidase production and biotechnological applications. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 600-9                                                                               | 17.8 | 111 |
| 7  | Cytotoxic effects of native and recombinant frutalin, a plant galactose-binding lectin, on HeLa cervical cancer cells. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 568932                                                   |      | 24  |
| 6  | Metabolic engineering of <i>Saccharomyces cerevisiae</i> for lactose/whey fermentation. <i>Bioengineered Bugs</i> , <b>2010</b> , 1, 164-71                                                                                                           |      | 55  |
| 5  | cDNA cloning and functional expression of the alpha-D-galactose-binding lectin frutalin in <i>Escherichia coli</i> . <i>Molecular Biotechnology</i> , <b>2009</b> , 43, 212-20                                                                        | 3    | 24  |
| 4  | A comparative study of recombinant and native frutalin binding to human prostate tissues. <i>BMC Biotechnology</i> , <b>2009</b> , 9, 78                                                                                                              | 3.5  | 17  |
| 3  | Expression of frutalin, an alpha-D-galactose-binding jacalin-related lectin, in the yeast <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2008</b> , 60, 188-93                                                              | 2    | 33  |
| 2  | 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> , <b>2007</b> , 103, 318-24                            | 3.3  | 34  |
| 1  | Production of $\beta$ -galactosidase from recombinant <i>Saccharomyces cerevisiae</i> grown on lactose. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2004</b> , 79, 809-815                                                           | 3.5  | 16  |