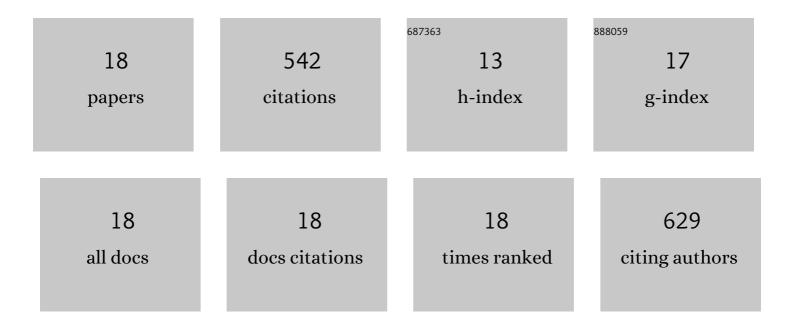
Daniel G Gomes

List of Publications by Year in descending order

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ANDEL C. C.C.

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nanocellulose Production: Exploring the Enzymatic Route and Residues of Pulp and Paper Industry. Molecules, 2020, 25, 3411. | 3.8 | 101 |
| 2 | Cellulase recycling in biorefineries—is it possible?. Applied Microbiology and Biotechnology, 2015, 99, 4131-4143. | 3.6 | 64 |
| 3 | Identification of candidate genes for yeast engineering to improve bioethanol production in very high gravity and lignocellulosic biomass industrial fermentations. Biotechnology for Biofuels, 2011, 4, 57. | 6.2 | 44 |
| 4 | Enzyme immobilization as a strategy towards efficient and sustainable lignocellulosic biomass conversion into chemicals and biofuels: current status and perspectives. Sustainable Energy and Fuels, 2021, 5, 4233-4247. | 4.9 | 42 |
| 5 | Valorizing recycled paper sludge by a bioethanol production process with cellulase recycling. Bioresource Technology, 2016, 216, 637-644. | 9.6 | 36 |
| 6 | Cell recycling during repeated very high gravity bio-ethanol fermentations using the industrial Saccharomyces cerevisiae strain PE-2. Biotechnology Letters, 2012, 34, 45-53. | 2.2 | 35 |
| 7 | Insights into the economic viability of cellulases recycling on bioethanol production from recycled paper sludge. Bioresource Technology, 2018, 267, 347-355. | 9.6 | 29 |
| 8 | Determinants on an efficient cellulase recycling process for the production of bioethanol from recycled paper sludge under high solid loadings. Biotechnology for Biofuels, 2018, 11, 111. | 6.2 | 29 |
| 9 | Co-production of biofuels and value-added compounds from industrial Eucalyptus globulus bark residues using hydrothermal treatment. Fuel, 2021, 285, 119265. | 6.4 | 29 |
| 10 | Cell surface engineering of Saccharomyces cerevisiae for simultaneous valorization of corn cob and cheese whey via ethanol production. Energy Conversion and Management, 2021, 243, 114359. | 9.2 | 27 |
| 11 | Very High Gravity Bioethanol Revisited: Main Challenges and Advances. Fermentation, 2021, 7, 38. | 3.0 | 21 |
| 12 | Strategies towards Reduction of Cellulases Consumption: Debottlenecking the Economics of Lignocellulosics Valorization Processes. Polysaccharides, 2021, 2, 287-310. | 4.8 | 18 |
| 13 | Genome-Wide Semi-Automated Annotation of Transporter Systems. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 443-456. | 3.0 | 14 |
| 14 | Recombinant family 3 carbohydrate-binding module as a new additive for enhanced enzymatic saccharification of whole slurry from autohydrolyzed Eucalyptus globulus wood. Cellulose, 2018, 25, 2505-2514. | 4.9 | 14 |
| 15 | Plasmid-mediate transfer of FLO1 into industrial Saccharomyces cerevisiae PE-2 strain creates a strain useful for repeat-batch fermentations involving flocculation–sedimentation. Bioresource Technology, 2012, 108, 162-168. | 9.6 | 13 |
| 16 | Genome-wide metabolic re-annotation of Ashbya gossypii: new insights into its metabolism through a comparative analysis with Saccharomyces cerevisiae and Kluyveromyces lactis. BMC Genomics, 2014, 15, 810. | 2.8 | 13 |
| 17 | Economic determinants on the implementation of a Eucalyptus wood biorefinery producing biofuels, energy and high added-value compounds. Applied Energy, 2021, 303, 117662. | 10.1 | 12 |
| 18 | Integrated technologies for extractives recovery, fractionation, and bioethanol production from | | 1 |

Integrated technologies for extra-lignocellulose. , 2022, , 107-139. ves recovery, fractionation, and bioethanol production from 18