Daniel G Gomes

List of Publications by Year
in descending order

18 papers	542 citations	686830 13 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	629 citing authors

#	Article	IF	Citations
1	Integrated technologies for extractives recovery, fractionation, and bioethanol production from lignocellulose. , 2022, , 107-139.		1
2	Co-production of biofuels and value-added compounds from industrial Eucalyptus globulus bark residues using hydrothermal treatment. Fuel, 2021, 285, 119265.	3.4	29
3	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.	2.5	42
4	Very High Gravity Bioethanol Revisited: Main Challenges and Advances. Fermentation, 2021, 7, 38.	1.4	21
5	Strategies towards Reduction of Cellulases Consumption: Debottlenecking the Economics of Lignocellulosics Valorization Processes. Polysaccharides, 2021, 2, 287-310.	2.1	18
6	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.	4.4	27
7	Economic determinants on the implementation of a Eucalyptus wood biorefinery producing biofuels, energy and high added-value compounds. Applied Energy, 2021, 303, 117662.	5.1	12
8	Nanocellulose Production: Exploring the Enzymatic Route and Residues of Pulp and Paper Industry. Molecules, 2020, 25, 3411.	1.7	101
9	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.	2.4	14
10	Insights into the economic viability of cellulases recycling on bioethanol production from recycled paper sludge. Bioresource Technology, 2018, 267, 347-355.	4.8	29
11	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
12	Genome-Wide Semi-Automated Annotation of Transporter Systems. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 443-456.	1.9	14
13	Valorizing recycled paper sludge by a bioethanol production process with cellulase recycling. Bioresource Technology, 2016, 216, 637-644.	4.8	36
14	Cellulase recycling in biorefineriesâ€"is it possible?. Applied Microbiology and Biotechnology, 2015, 99, 4131-4143.	1.7	64
15	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.	1.2	13
16	Plasmid-mediate transfer of FLO1 into industrial Saccharomyces cerevisiae PE-2 strain creates a strain useful for repeat-batch fermentations involving flocculationâ€"sedimentation. Bioresource Technology, 2012, 108, 162-168.	4.8	13
17	Cell recycling during repeated very high gravity bio-ethanol fermentations using the industrial Saccharomyces cerevisiae strain PE-2. Biotechnology Letters, 2012, 34, 45-53.	1.1	35
18	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