

Daniel G Gomes

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

542
citations

687363
13
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888059
17
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18
all docs

18
docs citations

18
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocellulose Production: Exploring the Enzymatic Route and Residues of Pulp and Paper Industry. <i>Molecules</i> , 2020, 25, 3411.	3.8	101
2	Cellulase recycling in biorefineries“is it possible?. <i>Applied Microbiology and Biotechnology</i> , 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. <i>Biotechnology for Biofuels</i> , 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. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4233-4247.	4.9	42
5	Valorizing recycled paper sludge by a bioethanol production process with cellulase recycling. <i>Bioresource Technology</i> , 2016, 216, 637-644.	9.6	36
6	Cell recycling during repeated very high gravity bio-ethanol fermentations using the industrial <i>Saccharomyces cerevisiae</i> strain PE-2. <i>Biotechnology Letters</i> , 2012, 34, 45-53.	2.2	35
7	Insights into the economic viability of cellulases recycling on bioethanol production from recycled paper sludge. <i>Bioresource Technology</i> , 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. <i>Biotechnology for Biofuels</i> , 2018, 11, 111.	6.2	29
9	Co-production of biofuels and value-added compounds from industrial <i>Eucalyptus globulus</i> bark residues using hydrothermal treatment. <i>Fuel</i> , 2021, 285, 119265.	6.4	29
10	Cell surface engineering of <i>Saccharomyces cerevisiae</i> for simultaneous valorization of corn cob and cheese whey via ethanol production. <i>Energy Conversion and Management</i> , 2021, 243, 114359.	9.2	27
11	Very High Gravity Bioethanol Revisited: Main Challenges and Advances. <i>Fermentation</i> , 2021, 7, 38.	3.0	21
12	Strategies towards Reduction of Cellulases Consumption: Debottlenecking the Economics of Lignocellulosics Valorization Processes. <i>Polysaccharides</i> , 2021, 2, 287-310.	4.8	18
13	Genome-Wide Semi-Automated Annotation of Transporter Systems. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 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 <i>Eucalyptus globulus</i> wood. <i>Cellulose</i> , 2018, 25, 2505-2514.	4.9	14
15	Plasmid-mediate transfer of FLO1 into industrial <i>Saccharomyces cerevisiae</i> PE-2 strain creates a strain useful for repeat-batch fermentations involving flocculation“sedimentation. <i>Bioresource Technology</i> , 2012, 108, 162-168.	9.6	13
16	Genome-wide metabolic re-annotation of <i>Ashbya gossypii</i> : new insights into its metabolism through a comparative analysis with <i>Saccharomyces cerevisiae</i> and <i>Kluyveromyces lactis</i> . <i>BMC Genomics</i> , 2014, 15, 810.	2.8	13
17	Economic determinants on the implementation of a <i>Eucalyptus</i> wood biorefinery producing biofuels, energy and high added-value compounds. <i>Applied Energy</i> , 2021, 303, 117662.	10.1	12
18	Integrated technologies for extractives recovery, fractionation, and bioethanol production from lignocellulose. , 2022, , 107-139.		1