

Piotr Dziugan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/963960/publications.pdf>

Version: 2024-02-01

33
papers

751
citations

623734

14
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Butanol Synthesis Routes for Biofuel Production: Trends and Perspectives. <i>Materials</i> , 2019, 12, 350.	2.9	91
2	Hydrogenation of furfural over Pd-Cu/Al ₂ O ₃ catalysts. The role of interaction between palladium and copper on determining catalytic properties. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 337-348.	4.8	90
3	Products of sugar beet processing as raw materials for chemicals and biodegradable polymers. <i>RSC Advances</i> , 2018, 8, 3161-3177.	3.6	84
4	Screening of <i>Lactobacillus</i> strains for their ability to bind Benzo(a)pyrene and the mechanism of the process. <i>Food and Chemical Toxicology</i> , 2013, 59, 67-71.	3.6	54
5	Simultaneous Saccharification and Fermentation of Sugar Beet Pulp for Efficient Bioethanol Production. <i>BioMed Research International</i> , 2016, 2016, 1-10.	1.9	49
6	Nitric Acid Pretreatment of Jerusalem Artichoke Stalks for Enzymatic Saccharification and Bioethanol Production. <i>Energies</i> , 2018, 11, 2153.	3.1	39
7	Evaluation of the fermentation of high gravity thick sugar beet juice worts for efficient bioethanol production. <i>Biotechnology for Biofuels</i> , 2013, 6, 158.	6.2	31
8	Utilisation of sugar beet bagasse for the biosynthesis of yeast SCP. <i>Journal of Food Engineering</i> , 2015, 167, 32-37.	5.2	31
9	The structure of Pd-M supported catalysts used in the hydrogen transfer reactions (M=In, Bi and Te). <i>Applied Surface Science</i> , 2013, 273, 330-342.	6.1	28
10	The effects of carrageenan on stability of arachin and the interactions between them. <i>Food Hydrocolloids</i> , 2015, 43, 763-768.	10.7	25
11	Continuous catalytic coupling of raw bioethanol into butanol and higher homologues. <i>Fuel</i> , 2015, 158, 81-90.	6.4	21
12	New Sulfur Organic Polymer-Concrete Composites Containing Waste Materials: Mechanical Characteristics and Resistance to Biocorrosion. <i>Materials</i> , 2019, 12, 2602.	2.9	18
13	Radium content and radon exhalation rate from sulfur polymer composites (SPC) based on mineral fillers. <i>Construction and Building Materials</i> , 2019, 198, 390-398.	7.2	18
14	Two-Stage Pretreatment to Improve Saccharification of Oat Straw and Jerusalem Artichoke Biomass. <i>Energies</i> , 2019, 12, 1715.	3.1	17
15	Potential of Waste Biomass from the Sugar Industry as a Source of Furfural and Its Derivatives for Use as Fuel Additives in Poland. <i>Energies</i> , 2020, 13, 6684.	3.1	16
16	The Use of Acidic Hydrolysates after Furfural Production from Sugar Waste Biomass as a Fermentation Medium in the Biotechnological Production of Hydrogen. <i>Energies</i> , 2019, 12, 3222.	3.1	14
17	Fabrication and Characterization of Gel Beads of Whey Isolate Protein-Pectin Complex for Loading Quercetin and Their Digestion Release. <i>Gels</i> , 2022, 8, 18.	4.5	14
18	Biochars from Post-Production Biomass and Waste from Wood Management: Analysis of Carbonization Products. <i>Materials</i> , 2020, 13, 4971.	2.9	13

#	ARTICLE	IF	CITATIONS
19	Effect of dilute acid pretreatment on the saccharification and fermentation of rye straw. <i>Biotechnology Progress</i> , 2019, 35, e2789.	2.6	11
20	Characterization of a bioactive peptide with cytomodulatory effect released from casein. <i>European Food Research and Technology</i> , 2014, 238, 315-322.	3.3	10
21	Ozonation as an effective way to stabilize new kinds of fermentation media used in biotechnological production of liquid fuel additives. <i>Biotechnology for Biofuels</i> , 2016, 9, 150.	6.2	10
22	Combined Yeast Cultivation and Pectin Hydrolysis as an Effective Method of Producing Prebiotic Animal Feed from Sugar Beet Pulp. <i>Biomolecules</i> , 2020, 10, 724.	4.0	10
23	Production of Methane, Hydrogen and Ethanol from <i>Secale cereale</i> L. Straw Pretreated with Sulfuric Acid. <i>Molecules</i> , 2020, 25, 1013.	3.8	9
24	Evaluation of probiotic properties of <i>Lactobacillus</i> strains isolated from traditional Chinese cheese. <i>Annals of Microbiology</i> , 2015, 65, 1419-1426.	2.6	8
25	A novel insight to screen the optimal spray-drying protectants and parameters for manufacturing lactic acid bacteria preparations. <i>Drying Technology</i> , 2020, 38, 1843-1856.	3.1	8
26	Potential of Inactivated <i>Bifidobacterium</i> Strain in Attenuating Benzo(A)Pyrene Exposure-Induced Damage in Colon Epithelial Cells In Vitro. <i>Toxics</i> , 2020, 8, 12.	3.7	8
27	Ability of Yeast Metabolic Activity to Reduce Sugars and Stabilize Betalains in Red Beet Juice. <i>Fermentation</i> , 2021, 7, 105.	3.0	6
28	Co-Pyrolysis of Beet Pulp and Defecation Lime in TG-MS System. <i>Energies</i> , 2020, 13, 2304.	3.1	4
29	Detoxification of Oral Exposure to Benzo(a)pyrene by <i>Lactobacillus plantarum</i> CICC 23121 in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2001149.	3.3	2
30	Utilization of Waste from Methane Fermentation in Lemnaceae Plant Breeding Intended for Energy Purposes. <i>Springer Proceedings in Energy</i> , 2018, , 267-274.	0.3	2
31	Use of saccharose and structural polysaccharides from sugar beet biomass for bioethanol production. <i>International Agrophysics</i> , 2020, 34, 151-159.	1.7	2
32	Comparison of Three Deoxidation Agents for Ozonated Broths Used in Anaerobic Biotechnological Processes. <i>Processes</i> , 2019, 7, 65.	2.8	1
33	Integrated Transcriptome and Proteome Analyses Reveal Protein Metabolism in <i>Lactobacillus helveticus</i> CICC22171. <i>Frontiers in Microbiology</i> , 2021, 12, 635685.	3.5	0