

Ria Millati

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,598
citations

331259

21
h-index

344852

36
g-index

38
all docs

38
docs citations

38
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological pretreatment of lignocelluloses with white-rot fungi and its applications: A review. <i>BioResources</i> , 2011, 6, 5224-5259.	0.5	223
2	Performance of <i>Rhizopus</i> , <i>Rhizomucor</i> , and <i>Mucor</i> in ethanol production from glucose, xylose, and wood hydrolyzates. <i>Enzyme and Microbial Technology</i> , 2005, 36, 294-300.	1.6	153
3	Effect of pH, time and temperature of overliming on detoxification of dilute-acid hydrolyzates for fermentation by <i>Saccharomyces cerevisiae</i> . <i>Process Biochemistry</i> , 2002, 38, 515-522.	1.8	122
4	Ethanol production from hexoses, pentoses, and dilute-acid hydrolyzate by. <i>FEMS Yeast Research</i> , 2005, 5, 669-676.	1.1	105
5	Improvement of Biogas Production from Orange Peel Waste by Leaching of Limonene. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	104
6	Pretreatment technologies for anaerobic digestion of lignocelluloses and toxic feedstocks. <i>Bioresource Technology</i> , 2020, 304, 122998.	4.8	104
7	Factors influencing volatile fatty acids production from food wastes via anaerobic digestion. <i>Bioengineered</i> , 2020, 11, 39-52.	1.4	101
8	Structural Changes of Oil Palm Empty Fruit Bunch (OPEFB) after Fungal and Phosphoric Acid Pretreatment. <i>Molecules</i> , 2012, 17, 14995-15012.	1.7	96
9	Pretreatment of oil palm empty fruit bunch (OPEFB) by N-methylmorpholine-N-oxide (NMMO) for biogas production: Structural changes and digestion improvement. <i>Bioresource Technology</i> , 2013, 128, 461-466.	4.8	49
10	Biogas Production from Citrus Waste by Membrane Bioreactor. <i>Membranes</i> , 2014, 4, 596-607.	1.4	41
11	Isolation and Characterization of Zygomycetes Fungi from Tempe for Ethanol Production and Biomass Applications. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1501-1512.	1.4	38
12	Effect of Furfural, Hydroxymethylfurfural and Acetic Acid on Indigeneous Microbial Isolate for Bioethanol Production. <i>Agricultural Journal</i> , 2010, 5, 105-109.	0.1	35
13	Ethanol from Oil Palm Empty Fruit Bunch via Dilute-Acid Hydrolysis and Fermentation by <i>Mucor indicus</i> and <i>Saccharomyces cerevisiae</i> . <i>Agricultural Journal</i> , 2011, 6, 54-59.	0.1	35
14	Continuous Cultivation of Dilute-Acid Hydrolysates to Ethanol by Immobilized <i>Saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2001, 95, 45-58.	1.4	34
15	Utilization of food waste-derived volatile fatty acids for production of edible <i>Rhizopus oligosporus</i> fungal biomass. <i>Bioresource Technology</i> , 2020, 310, 123444.	4.8	34
16	Effect of Effluent Recirculation on Biogas Production Using Two-stage Anaerobic Digestion of Citrus Waste. <i>Molecules</i> , 2018, 23, 3380.	1.7	33
17	Mesophilic batch anaerobic digestion from fruit fragments. <i>Renewable Energy</i> , 2016, 98, 135-141.	4.3	30
18	Inhibitory effects of fruit flavors on methane production during anaerobic digestion. <i>Bioresource Technology</i> , 2013, 145, 188-192.	4.8	29

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19	Recovery of High Purity Lignin and Digestible Cellulose from Oil Palm Empty Fruit Bunch Using Low Acid-Catalyzed Organosolv Pretreatment. <i>Agronomy</i> , 2020, 10, 674.	1.3	27
20	Inhibitory Effect of Long-Chain Fatty Acids on Biogas Production and the Protective Effect of Membrane Bioreactor. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	23
21	Performance of semi-continuous membrane bioreactor in biogas production from toxic feedstock containing d-Limonene. <i>Bioresource Technology</i> , 2014, 170, 350-355.	4.8	22
22	Effects of Lactone, Ketone, and Phenolic Compounds on Methane Production and Metabolic Intermediates During Anaerobic Digestion. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1651-1663.	1.4	20
23	Cultivation of edible filamentous fungus <i>Aspergillus oryzae</i> on volatile fatty acids derived from anaerobic digestion of food waste and cow manure. <i>Bioresource Technology</i> , 2021, 337, 125410.	4.8	19
24	Inhibition of patchouli oil for anaerobic digestion and enhancement in methane production using reverse membrane bioreactors. <i>Renewable Energy</i> , 2018, 129, 748-753.	4.3	16
25	Effect of ester compounds on biogas production: beneficial or detrimental?. <i>Energy Science and Engineering</i> , 2014, 2, 22-30.	1.9	15
26	Ethanol production from alkali-pretreated oil palm empty fruit bunch by simultaneous saccharification and fermentation with <i>Mucor indicus</i> . <i>International Journal of Green Energy</i> , 2016, 13, 566-572.	2.1	15
27	Fermentation Inhibitors in Ethanol and Biogas Processes and Strategies to Counteract Their Effects. , 2019, , 461-499.		13
28	Organosolv pretreatment of oat husk using oxalic acid as an alternative organic acid and its potential applications in biorefinery. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	13
29	Semi-Continuous Reverse Membrane Bioreactor in Two-Stage Anaerobic Digestion of Citrus Waste. <i>Materials</i> , 2018, 11, 1341.	1.3	11
30	Enhancing or Inhibitory Effect of Fruit or Vegetable Bioactive Compound on <i>Aspergillus niger</i> and <i>A. oryzae</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 12.	1.5	7
31	2nd Generation Ethanol by <i>Zygomycetes</i> Fungi at Elevated Temperature. <i>Energy Procedia</i> , 2014, 52, 104-109.	1.8	6
32	Anaerobic digestion of citrus waste using two-stage membrane bioreactor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 316, 012063.	0.3	6
33	Semi-continuous production of volatile fatty acids from citrus waste using membrane bioreactors. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 67, 102545.	2.7	6
34	Enhanced Volatile Fatty Acid Production from Oil Palm Empty Fruit Bunch through Acidogenic Fermentation—A Novel Resource Recovery Strategy for Oil Palm Empty Fruit Bunch. <i>Fermentation</i> , 2021, 7, 263.	1.4	6
35	Inhibitory and Stimulatory Effects of Fruit Bioactive Compounds on Edible Filamentous Fungi: Potential for Innovative Food Applications. <i>Fermentation</i> , 2022, 8, 270.	1.4	2
36	Protective effect of a reverse membrane bioreactor against toluene and naphthalene in anaerobic digestion. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	1.4	1

#	ARTICLE	IF	CITATIONS
37	EFFECT OF LIGNOSELULOLITIC FUNGUS TO ENZIMATIC ACTIVITY, FIBER FRCTION, AND DIGESTIBILITY ON FERMENTATION PROCESS OF COCOA POD. Buletin Peternakan, 2017, 41, 250.	0.1	1