

# 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  | Enhancing or Inhibitory Effect of Fruit or Vegetable Bioactive Compound on <i>Aspergillus niger</i> and <i>A. oryzae</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 12.                                | 1.5 | 7         |
| 2  | 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         |
| 3  | 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         |
| 4  | Protective effect of a reverse membrane bioreactor against toluene and naphthalene in anaerobic digestion. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .   | 1.4 | 1         |
| 5  | 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        |
| 6  | 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         |
| 7  | Factors influencing volatile fatty acids production from food wastes via anaerobic digestion. <i>Bioengineered</i> , 2020, 11, 39-52.  | 1.4 | 101       |
| 8  | 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        |
| 9  | Pretreatment technologies for anaerobic digestion of lignocelluloses and toxic feedstocks. <i>Bioresource Technology</i> , 2020, 304, 122998.  | 4.8 | 104       |
| 10 | 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        |
| 11 | Fermentation Inhibitors in Ethanol and Biogas Processes and Strategies to Counteract Their Effects. , 2019, , 461-499.   |     | 13        |
| 12 | 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        |
| 13 | Effect of Effluent Recirculation on Biogas Production Using Two-stage Anaerobic Digestion of Citrus Waste. <i>Molecules</i> , 2018, 23, 3380.  | 1.7 | 33        |
| 14 | 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         |
| 15 | Semi-Continuous Reverse Membrane Bioreactor in Two-Stage Anaerobic Digestion of Citrus Waste. <i>Materials</i> , 2018, 11, 1341.   | 1.3 | 11        |
| 16 | EFFECT OF LIGNOSELULOLITIC FUNGUS TO ENZIMATIC ACTIVITY, FIBER FRCTION, AND DIGESTIBILITY ON FERMENTATION PROCESS OF COCOA POD. <i>Buletin Peternakan</i> , 2017, 41, 250.   | 0.1 | 1         |
| 17 | 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        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | Mesophilic batch anaerobic digestion from fruit fragments. <i>Renewable Energy</i> , 2016, 98, 135-141.  | 4.3 | 30        |
| 20 | Improvement of Biogas Production from Orange Peel Waste by Leaching of Limonene. <i>BioMed Research International</i> , 2015, 2015, 1-6.   | 0.9 | 104       |
| 21 | 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        |
| 22 | Biogas Production from Citrus Waste by Membrane Bioreactor. <i>Membranes</i> , 2014, 4, 596-607.   | 1.4 | 41        |
| 23 | 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        |
| 24 | Effect of ester compounds on biogas production: beneficial or detrimental?. <i>Energy Science and Engineering</i> , 2014, 2, 22-30.  | 1.9 | 15        |
| 25 | 2nd Generation Ethanol by Zygomycetes Fungi at Elevated Temperature. <i>Energy Procedia</i> , 2014, 52, 104-109.   | 1.8 | 6         |
| 26 | 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        |
| 27 | Inhibitory effects of fruit flavors on methane production during anaerobic digestion. <i>Bioresource Technology</i> , 2013, 145, 188-192.  | 4.8 | 29        |
| 28 | 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        |
| 29 | 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        |
| 30 | Biological pretreatment of lignocelluloses with white-rot fungi and its applications: A review. <i>BioResources</i> , 2011, 6, 5224-5259.  | 0.5 | 223       |
| 31 | 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        |
| 32 | Effect of Furfural, Hydroxymethylfurfural and Acetic Acid on Indigenous Microbial Isolate for Bioethanol Production. <i>Agricultural Journal</i> , 2010, 5, 105-109.   | 0.1 | 35        |
| 33 | 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       |
| 34 | Ethanol production from hexoses, pentoses, and dilute-acid hydrolyzate by. <i>FEMS Yeast Research</i> , 2005, 5, 669-676.  | 1.1 | 105       |
| 35 | 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       |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | Organosolv pretreatment of oat husk using oxalic acid as an alternative organic acid and its potential applications in biorefinery. Biomass Conversion and Biorefinery, 0, , 1. | 2.9 | 13        |