

Ramkumar B Nair

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

445
citations

840776

11
h-index

1058476

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docs citations

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times ranked

545
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Vegan-mycoprotein concentrate from pea-processing industry byproduct using edible filamentous fungi. <i>Fungal Biology and Biotechnology</i> , 2018, 5, 5. | 5.1 | 73 |
| 2 | Valorization of sugar-to-ethanol process waste vinasse: A novel biorefinery approach using edible ascomycetes filamentous fungi. <i>Bioresource Technology</i> , 2016, 221, 469-476. | 9.6 | 65 |
| 3 | Dilute phosphoric acid pretreatment of wheat bran for enzymatic hydrolysis and subsequent ethanol production by edible fungi <i>Neurospora intermedia</i> . <i>Industrial Crops and Products</i> , 2015, 69, 314-323. | 5.2 | 62 |
| 4 | Mycelial pellet formation by edible ascomycete filamentous fungi, <i>Neurospora intermedia</i> . <i>AMB Express</i> , 2016, 6, 31. | 3.0 | 44 |
| 5 | Integrated Process for Ethanol, Biogas, and Edible Filamentous Fungi-Based Animal Feed Production from Dilute Phosphoric Acid-Pretreated Wheat Straw. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 48-62. | 2.9 | 43 |
| 6 | Utilization of wheat straw for fungal phytase production. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2018, 7, 345-355. | 2.0 | 33 |
| 7 | Mild-temperature dilute acid pretreatment for integration of first and second generation ethanol processes. <i>Bioresource Technology</i> , 2017, 245, 145-151. | 9.6 | 32 |
| 8 | Optimizing dilute phosphoric acid pretreatment of wheat straw in the laboratory and in a demonstration plant for ethanol and edible fungal biomass production using <i>Neurospora intermedia</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1256-1265. | 3.2 | 31 |
| 9 | Biogas Production: Microbiological Aspects. <i>Biofuel and Biorefinery Technologies</i> , 2018, , 163-198. | 0.3 | 18 |
| 10 | Empirical and experimental determination of the kinetics of pellet growth in filamentous fungi: A case study using <i>Neurospora intermedia</i> . <i>Biochemical Engineering Journal</i> , 2017, 124, 115-121. | 3.6 | 16 |
| 11 | Lignocellulose integration to 1G-ethanol process using filamentous fungi: fermentation prospects of edible strain of <i>Neurospora intermedia</i> . <i>BMC Biotechnology</i> , 2018, 18, 49. | 3.3 | 12 |
| 12 | Effect of media rheology and bioreactor hydrodynamics on filamentous fungi fermentation of lignocellulosic and starch-based substrates under pseudoplastic flow conditions. <i>Bioresource Technology</i> , 2018, 263, 250-257. | 9.6 | 9 |
| 13 | All-Polyamide Composite Coated-Fabric as an Alternative Material of Construction for Textile-Bioreactors (TBRs). <i>Energies</i> , 2017, 10, 1928. | 3.1 | 5 |
| 14 | Does the second messenger <i>cAMP</i> have a more complex role in controlling filamentous fungal morphology and metabolite production?. <i>MicrobiologyOpen</i> , 2018, 7, e00627. | 3.0 | 2 |