

Pratap Pullammanappallil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4616016/publications.pdf>

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14
papers

1,406
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

2166
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Low-cost, Arduino-based, portable device for measurement of methane composition in biogas. Renewable Energy, 2019, 138, 224-229. | 8.9 | 42 |
| 2 | Feasibility assessment of waste banana peduncle as feedstock for biofuel production. Biofuels, 2019, 10, 473-484. | 2.4 | 23 |
| 3 | Effects of temperature and particle size on the biochemical methane potential of municipal solid waste components. Waste Management, 2018, 71, 25-30. | 7.4 | 28 |
| 4 | Treatment of sulfur and nitrogen by microoxygenated microbial sludge: stoichiometry and model. Journal of Environmental Engineering and Science, 2018, 13, 81-92. | 0.8 | 1 |
| 5 | A review of biochar as a low-cost adsorbent for aqueous heavy metal removal. Critical Reviews in Environmental Science and Technology, 2016, 46, 406-433. | 12.8 | 945 |
| 6 | Microbial Ecology in Anaerobic Digestion at Agitated and Non-Agitated Conditions. PLoS ONE, 2014, 9, e109769. | 2.5 | 31 |
| 7 | Anaerobic digestion for treatment of stillage from cellulosic bioethanol production. Bioresource Technology, 2013, 144, 387-395. | 9.6 | 36 |
| 8 | Photocatalytic Treatment for Final Polishing of Wastewater from a Cellulosic Ethanol Process. Journal of Advanced Oxidation Technologies, 2013, 16, . | 0.5 | 0 |
| 9 | Application of Polymath Chemical Equilibrium Simulation Model for Struvite Precipitation in Soils. Water, Air, and Soil Pollution, 2012, 223, 1995-2005. | 2.4 | 6 |
| 10 | Enhanced Lead Sorption by Biochar Derived from Anaerobically Digested Sugarcane Bagasse. Separation Science and Technology, 2011, 46, 1950-1956. | 2.5 | 206 |
| 11 | Validation and Applications of a Chemical Equilibrium Model for Struvite Precipitation. Environmental Modeling and Assessment, 2010, 15, 201-209. | 2.2 | 36 |
| 12 | Effect of electron beam treatments on degradation kinetics of polylactic acid (PLA) plastic waste under backyard composting conditions. Packaging Technology and Science, 2009, 22, 97-106. | 2.8 | 22 |
| 13 | Recovery of oleate-inhibited anaerobic digestion by addition of simple substrates. Journal of Chemical Technology and Biotechnology, 2006, 81, 1057-1063. | 3.2 | 19 |
| 14 | Development of Inexpensive, Automatic, Real-Time Measurement System for On-Line Methane Content and Biogas Flowrate. Waste and Biomass Valorization, 0, , . | 3.4 | 0 |