

# Pratap Pullammanappallil

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	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
2	Enhanced Lead Sorption by Biochar Derived from Anaerobically Digested Sugarcane Bagasse. Separation Science and Technology, 2011, 46, 1950-1956.	2.5	206
3	Low-cost, Arduino-based, portable device for measurement of methane composition in biogas. Renewable Energy, 2019, 138, 224-229.	8.9	42
4	Validation and Applications of a Chemical Equilibrium Model for Struvite Precipitation. Environmental Modeling and Assessment, 2010, 15, 201-209.	2.2	36
5	Anaerobic digestion for treatment of stillage from cellulosic bioethanol production. Bioresource Technology, 2013, 144, 387-395.	9.6	36
6	Microbial Ecology in Anaerobic Digestion at Agitated and Non-Agitated Conditions. PLoS ONE, 2014, 9, e109769.	2.5	31
7	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
8	Feasibility assessment of waste banana peduncle as feedstock for biofuel production. Biofuels, 2019, 10, 473-484.	2.4	23
9	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
10	Recovery of oleate-inhibited anaerobic digestion by addition of simple substrates. Journal of Chemical Technology and Biotechnology, 2006, 81, 1057-1063.	3.2	19
11	Application of Polymath Chemical Equilibrium Simulation Model for Struvite Precipitation in Soils. Water, Air, and Soil Pollution, 2012, 223, 1995-2005.	2.4	6
12	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
13	Photocatalytic Treatment for Final Polishing of Wastewater from a Cellulosic Ethanol Process. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	0
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