

# 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

1051969

10  
h-index

1181555

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2475  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of biochar as a low-cost adsorbent for aqueous heavy metal removal. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 406-433.	6.6	945
2	Enhanced Lead Sorption by Biochar Derived from Anaerobically Digested Sugarcane Bagasse. <i>Separation Science and Technology</i> , 2011, 46, 1950-1956.	1.3	206
3	Low-cost, Arduino-based, portable device for measurement of methane composition in biogas. <i>Renewable Energy</i> , 2019, 138, 224-229.	4.3	42
4	Validation and Applications of a Chemical Equilibrium Model for Struvite Precipitation. <i>Environmental Modeling and Assessment</i> , 2010, 15, 201-209.	1.2	36
5	Anaerobic digestion for treatment of stillage from cellulosic bioethanol production. <i>Bioresource Technology</i> , 2013, 144, 387-395.	4.8	36
6	Microbial Ecology in Anaerobic Digestion at Agitated and Non-Agitated Conditions. <i>PLoS ONE</i> , 2014, 9, e109769.	1.1	31
7	Effects of temperature and particle size on the biochemical methane potential of municipal solid waste components. <i>Waste Management</i> , 2018, 71, 25-30.	3.7	28
8	Feasibility assessment of waste banana peduncle as feedstock for biofuel production. <i>Biofuels</i> , 2019, 10, 473-484.	1.4	23
9	Effect of electron beam treatments on degradation kinetics of polylactic acid (PLA) plastic waste under backyard composting conditions. <i>Packaging Technology and Science</i> , 2009, 22, 97-106.	1.3	22
10	Recovery of oleate-inhibited anaerobic digestion by addition of simple substrates. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1057-1063.	1.6	19
11	Application of Polymath Chemical Equilibrium Simulation Model for Struvite Precipitation in Soils. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1995-2005.	1.1	6
12	Treatment of sulfur and nitrogen by microoxygenated microbial sludge: stoichiometry and model. <i>Journal of Environmental Engineering and Science</i> , 2018, 13, 81-92.	0.3	1
13	Photocatalytic Treatment for Final Polishing of Wastewater from a Cellulosic Ethanol Process. <i>Journal of Advanced Oxidation Technologies</i> , 2013, 16, .	0.5	0
14	Development of Inexpensive, Automatic, Real-Time Measurement System for On-Line Methane Content and Biogas Flowrate. <i>Waste and Biomass Valorization</i> , 0, , .	1.8	0