

Spyridon Achinas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

681

citations

12

h-index

23

g-index

23

ext. papers

836

ext. citations

5

avg, IF

5.1

L-index

#	Paper	IF	Citations
22	A Technological Overview of Biogas Production from Biowaste. <i>Engineering</i> , 2017 , 3, 299-307	9.7	280
21	Consolidated briefing of biochemical ethanol production from lignocellulosic biomass. <i>Electronic Journal of Biotechnology</i> , 2016 , 23, 44-53	3.1	103
20	A Brief Recap of Microbial Adhesion and Biofilms. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2801	2.6	57
19	Biogas Potential from the Anaerobic Digestion of Potato Peels: Process Performance and Kinetics Evaluation. <i>Energies</i> , 2019 , 12, 2311	3.1	31
18	A PESTLE Analysis of Biofuels Energy Industry in Europe. <i>Sustainability</i> , 2019 , 11, 5981	3.6	26
17	Elevated biogas production from the anaerobic co-digestion of farmhouse waste: Insight into the process performance and kinetics. <i>Waste Management and Research</i> , 2019 , 37, 1240-1249	4	25
16	Rambling facets of manure-based biogas production in Europe: A briefing. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 119, 109566	16.2	24
15	Influence of sheep manure addition on biogas potential and methanogenic communities during cow dung digestion under mesophilic conditions. <i>Sustainable Environment Research</i> , 2018 , 28, 240-246	3.8	20
14	The biomethanation of cow manure in a continuous anaerobic digester can be boosted via a bioaugmentation culture containing Bathyarchaeota. <i>Science of the Total Environment</i> , 2020 , 745, 141042	10.2	20
13	Enhanced Biogas Production from the Anaerobic Batch Treatment of Banana Peels. <i>Engineering</i> , 2019 , 5, 970-978	9.7	19
12	Effect of Combined Inoculation on Biogas Production from Hardly Degradable Material. <i>Energies</i> , 2019 , 12, 217	3.1	18
11	Co-digestion of cow and sheep manure: Performance evaluation and relative microbial activity. <i>Renewable Energy</i> , 2020 , 153, 553-563	8.1	17
10	Feasibility Study of Biogas Production from Hardly Degradable Material in Co-Inoculated Bioreactor. <i>Energies</i> , 2019 , 12, 1040	3.1	12
9	Efficiency Evaluation of RDF Plasma Gasification Process. <i>Energy and Environment Research</i> , 2012 , 3,	1	9
8	A Technological Understanding of Biofilm Detection Techniques: A Review. <i>Materials</i> , 2020 , 13,	3.5	6
7	Preliminary Assessment of a Biogas-based Power Plant from Organic Waste in the North Netherlands. <i>Energies</i> , 2019 , 12, 4034	3.1	6
6	Cloning and expression of s lysostaphin enzyme gene in WB600. <i>AIMS Microbiology</i> , 2021 , 7, 271-283	4.5	3

5	Effect of Temperature and Organic Load on the Performance of Anaerobic Bioreactors Treating Grasses. <i>Environments - MDPI</i> , 2020 , 7, 82	3.2	2
4	An Overview of the Technological Applicability of Plasma Gasification Process 2020 , 261-275		1
3	Influence of Liquid-to-Gas Ratio on the Syngas Fermentation Efficiency: An Experimental Approach. <i>Bioengineering</i> , 2020 , 7,	5.3	1
2	Critical Issues That Can Underpin the Drive for Sustainable Anaerobic Biorefinery 2022 , 473-489		
1	Scale-Up Operations for Biogas Production: Analysis on Critical Factors Governing Large-Scale Operations 2020 , 263-283		