

# Spyridon Achinas

## List of Publications by Year in Descending Order

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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	Critical Issues That Can Underpin the Drive for Sustainable Anaerobic Biorefinery <b>2022</b> , 473-489		
21	Cloning and expression of s lysostaphin enzyme gene in WB600. <i>AIMS Microbiology</i> , <b>2021</b> , 7, 271-283	4.5	3
20	Effect of Temperature and Organic Load on the Performance of Anaerobic Bioreactors Treating Grasses. <i>Environments - MDPI</i> , <b>2020</b> , 7, 82	3.2	2
19	Co-digestion of cow and sheep manure: Performance evaluation and relative microbial activity. <i>Renewable Energy</i> , <b>2020</b> , 153, 553-563	8.1	17
18	Scale-Up Operations for Biogas Production: Analysis on Critical Factors Governing Large-Scale Operations <b>2020</b> , 263-283		
17	An Overview of the Technological Applicability of Plasma Gasification Process <b>2020</b> , 261-275		1
16	Rambling facets of manure-based biogas production in Europe: A briefing. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 119, 109566	16.2	24
15	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> , <b>2020</b> , 745, 141042	10.2	20
14	A Technological Understanding of Biofilm Detection Techniques: A Review. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
13	Influence of Liquid-to-Gas Ratio on the Syngas Fermentation Efficiency: An Experimental Approach. <i>Bioengineering</i> , <b>2020</b> , 7,	5.3	1
12	Enhanced Biogas Production from the Anaerobic Batch Treatment of Banana Peels. <i>Engineering</i> , <b>2019</b> , 5, 970-978	9.7	19
11	Elevated biogas production from the anaerobic co-digestion of farmhouse waste: Insight into the process performance and kinetics. <i>Waste Management and Research</i> , <b>2019</b> , 37, 1240-1249	4	25
10	Effect of Combined Inoculation on Biogas Production from Hardly Degradable Material. <i>Energies</i> , <b>2019</b> , 12, 217	3.1	18
9	Feasibility Study of Biogas Production from Hardly Degradable Material in Co-Inoculated Bioreactor. <i>Energies</i> , <b>2019</b> , 12, 1040	3.1	12
8	A Brief Recap of Microbial Adhesion and Biofilms. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2801	2.6	57
7	Biogas Potential from the Anaerobic Digestion of Potato Peels: Process Performance and Kinetics Evaluation. <i>Energies</i> , <b>2019</b> , 12, 2311	3.1	31
6	A PESTLE Analysis of Biofuels Energy Industry in Europe. <i>Sustainability</i> , <b>2019</b> , 11, 5981	3.6	26

5	Preliminary Assessment of a Biogas-based Power Plant from Organic Waste in the North Netherlands. <i>Energies</i> , <b>2019</b> , 12, 4034	3.1	6
4	Influence of sheep manure addition on biogas potential and methanogenic communities during cow dung digestion under mesophilic conditions. <i>Sustainable Environment Research</i> , <b>2018</b> , 28, 240-246	3.8	20
3	A Technological Overview of Biogas Production from Biowaste. <i>Engineering</i> , <b>2017</b> , 3, 299-307	9.7	280
2	Consolidated briefing of biochemical ethanol production from lignocellulosic biomass. <i>Electronic Journal of Biotechnology</i> , <b>2016</b> , 23, 44-53	3.1	103
1	Efficiency Evaluation of RDF Plasma Gasification Process. <i>Energy and Environment Research</i> , <b>2012</b> , 3,	1	9