Spyridon Achinas

List of Publications by Year
in descending order

22	1,033	623574	752573
papers	citations	14 h-index	20 g-index

23	23	23	1405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Technological Overview of Biogas Production from Biowaste. Engineering, 2017, 3, 299-307.	3.2	382
2	Consolidated briefing of biochemical ethanol production from lignocellulosic biomass. Electronic Journal of Biotechnology, 2016, 23, 44-53.	1.2	121
3	A Brief Recap of Microbial Adhesion and Biofilms. Applied Sciences (Switzerland), 2019, 9, 2801.	1.3	105
4	A PESTLE Analysis of Biofuels Energy Industry in Europe. Sustainability, 2019, 11, 5981.	1.6	50
5	Biogas Potential from the Anaerobic Digestion of Potato Peels: Process Performance and Kinetics Evaluation. Energies, 2019, 12, 2311.	1.6	48
6	Co-digestion of cow and sheep manure: Performance evaluation and relative microbial activity. Renewable Energy, 2020, 153, 553-563.	4.3	47
7	The biomethanation of cow manure in a continuous anaerobic digester can be boosted via a bioaugmentation culture containing Bathyarchaeota. Science of the Total Environment, 2020, 745, 141042.	3.9	45
8	Rambling facets of manure-based biogas production in Europe: A briefing. Renewable and Sustainable Energy Reviews, 2020, 119, 109566.	8.2	41
9	Enhanced Biogas Production from the Anaerobic Batch Treatment of Banana Peels. Engineering, 2019, 5, 970-978.	3.2	37
10	Elevated biogas production from the anaerobic co-digestion of farmhouse waste: Insight into the process performance and kinetics. Waste Management and Research, 2019, 37, 1240-1249.	2.2	32
11	Influence of sheep manure addition on biogas potential and methanogenic communities during cow dung digestion under mesophilic conditions. Sustainable Environment Research, 2018, 28, 240-246.	2.1	29
12	Effect of Combined Inoculation on Biogas Production from Hardly Degradable Material. Energies, 2019, 12, 217.	1.6	24
13	Feasibility Study of Biogas Production from Hardly Degradable Material in Co-Inoculated Bioreactor. Energies, 2019, 12, 1040.	1.6	16
14	A Technological Understanding of Biofilm Detection Techniques: A Review. Materials, 2020, 13, 3147.	1.3	16
15	Efficiency Evaluation of RDF Plasma Gasification Process. Energy and Environment Research, 2012, 3, .	0.1	12
16	Preliminary Assessment of a Biogas-based Power Plant from Organic Waste in the North Netherlands. Energies, 2019, 12, 4034.	1.6	9
17	Miniaturization and 3D Printing of Bioreactors: A Technological Mini Review. Micromachines, 2020, 11, 853.	1.4	6
18	Cloning and expression of <i>Staphylococcus simulan</i>s lysostaphin enzyme gene in <i>Bacillus subtilis</i> WB600. AIMS Microbiology, 2021, 7, 271-283.	1.0	6

#	Article	IF	Citations
19	Effect of Temperature and Organic Load on the Performance of Anaerobic Bioreactors Treating Grasses. Environments - MDPI, 2020, 7, 82.	1.5	3
20	An Overview of the Technological Applicability of Plasma Gasification Process. , 2020, , 261-275.		3
21	Influence of Liquid-to-Gas Ratio on the Syngas Fermentation Efficiency: An Experimental Approach. Bioengineering, 2020, 7, 138.	1.6	1
22	Scale-Up Operations for Biogas Production: Analysis on Critical Factors Governing Large-Scale Operations. , 2020, , 263-283.		0