

Adam Kovalovszki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1201474/publications.pdf>

Version: 2024-02-01

14
papers

524
citations

840585

11
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights from the biogas microbiome by comprehensive genome-resolved metagenomics of nearly 1600 species originating from multiple anaerobic digesters. <i>Biotechnology for Biofuels</i> , 2020, 13, 25.	6.2	136
2	Anaerobic Co-digestion of Agricultural Byproducts with Manure for Enhanced Biogas Production. <i>Energy & Fuels</i> , 2015, 29, 8088-8094.	2.5	53
3	Revealing metabolic mechanisms of interaction in the anaerobic digestion microbiome by flux balance analysis. <i>Metabolic Engineering</i> , 2020, 62, 138-149.	3.6	45
4	In-situ biogas upgrading process: Modeling and simulations aspects. <i>Bioresource Technology</i> , 2017, 245, 332-341.	4.8	39
5	Microbial activity response to hydrogen injection in thermophilic anaerobic digesters revealed by genome-centric metatranscriptomics. <i>Microbiome</i> , 2018, 6, 194.	4.9	39
6	Early warning indicators for mesophilic anaerobic digestion of corn stalk: a combined experimental and simulation approach. <i>Biotechnology for Biofuels</i> , 2019, 12, 106.	6.2	35
7	Energy recovery from wastewater microalgae through anaerobic digestion process: Methane potential, continuous reactor operation and modelling aspects. <i>Biochemical Engineering Journal</i> , 2018, 139, 1-7.	1.8	34
8	Modeling temperature response in bioenergy production: Novel solution to a common challenge of anaerobic digestion. <i>Applied Energy</i> , 2020, 263, 114646.	5.1	28
9	A systematic methodology to extend the applicability of a bioconversion model for the simulation of various co-digestion scenarios. <i>Bioresource Technology</i> , 2017, 235, 157-166.	4.8	27
10	Ex-situ biogas upgrading in thermophilic up-flow reactors: The effect of different gas diffusers and gas retention times. <i>Bioresource Technology</i> , 2021, 340, 125694.	4.8	22
11	Co-digestion of <i>Laminaria digitata</i> with cattle manure: A unimodel simulation study of both batch and continuous experiments. <i>Bioresource Technology</i> , 2019, 276, 361-368.	4.8	19
12	Anaerobic co-digestion of macroalgal biomass with cattle manure under high salinity conditions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105406.	3.3	13
13	Modelling bioaugmentation: Engineering intervention in anaerobic digestion. <i>Renewable Energy</i> , 2021, 175, 1080-1087.	4.3	10
14	Improving lactic acid production via bio-augmentation with acid-tolerant isolates from source-sorted organic household waste. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 4449-4461.	2.9	5