

Noori M Cata Saady

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9096750/publications.pdf>

Version: 2024-02-01

35
papers

1,291
citations

566801

15
h-index

377514

34
g-index

35
all docs

35
docs citations

35
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Homoacetogenesis during hydrogen production by mixed cultures dark fermentation: Unresolved challenge. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 13172-13191.	3.8	399
2	Potential of Biological Processes to Eliminate Antibiotics in Livestock Manure: An Overview. <i>Animals</i> , 2014, 4, 146-163.	1.0	213
3	Influence of tailor-made TiO ₂ /API bentonite nanocomposite on drilling mud performance: Towards enhanced drilling operations. <i>Applied Clay Science</i> , 2020, 199, 105862.	2.6	76
4	Nanomaterial-Based Drilling Fluids for Exploitation of Unconventional Reservoirs: A Review. <i>Energies</i> , 2020, 13, 3417.	1.6	69
5	Sustainable Agro-Food Industrial Wastewater Treatment Using High Rate Anaerobic Process. <i>Water (Switzerland)</i> , 2013, 5, 292-311.	1.2	67
6	Formic Acid Dehydrogenation Using Noble-Metal Nanoheterogeneous Catalysts: Towards Sustainable Hydrogen-Based Energy. <i>Catalysts</i> , 2022, 12, 324.	1.6	53
7	Removal of sulfur compounds from real diesel fuel employing the encapsulated mesoporous material adsorbent Co/MCM-41 in a fixed-bed column. <i>Microporous and Mesoporous Materials</i> , 2022, 341, 112020.	2.2	51
8	Psychrophilic anaerobic digestion of lignocellulosic biomass: A characterization study. <i>Bioresource Technology</i> , 2013, 142, 663-671.	4.8	43
9	Hydrogen production from biomass through integration of anaerobic digestion and biogas dry reforming. <i>Applied Energy</i> , 2022, 309, 118442.	5.1	29
10	Desulfurization of actual diesel fuel onto modified mesoporous material Co/MCM-41. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100635.	1.7	28
11	Diverting Electron Fluxes to Hydrogen in Mixed Anaerobic Communities Fed with Glucose and Unsaturated C18 Long Chain Fatty Acids. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 568-575.	0.7	23
12	Impact of organic loading rate on the performance of psychrophilic dry anaerobic digestion of dairy manure and wheat straw: Long-term operation. <i>Bioresource Technology</i> , 2015, 182, 50-57.	4.8	23
13	Low-temperature anaerobic digestion of swine manure in a plug-flow reactor. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2617-2624.	1.2	20
14	Effect of increasing levels of corn silage in an alfalfa-based dairy cow diet and of manure management practices on manure fugitive methane emissions. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 109-114.	2.5	19
15	High rate psychrophilic anaerobic digestion of high solids (35%) dairy manure in sequence batch reactor. <i>Bioresource Technology</i> , 2015, 186, 74-80.	4.8	17
16	Psychrophilic dry anaerobic digestion of dairy cow feces: Long-term operation. <i>Waste Management</i> , 2015, 36, 86-92.	3.7	14
17	Anaerobic Digestion of Blood from Slaughtered Livestock: A Review. <i>Energies</i> , 2021, 14, 5666.	1.6	14
18	Impact of culture source and linoleic acid (C18:2) on biohydrogen production from glucose under mesophilic conditions. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 4036-4045.	3.8	13

#	ARTICLE	IF	CITATIONS
19	Dry anaerobic digestion of high solids content dairy manure at high organic loading rates in psychrophilic sequence batch reactor. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4521-4529.	1.7	12
20	Effect of Corn Dried Distiller Grains with Solubles (DDGS) in Dairy Cow Diets on Manure Bioenergy Production Potential. <i>Animals</i> , 2014, 4, 82-92.	1.0	11
21	Starting-up low temperature dry anaerobic digestion of cow feces and wheat straw. <i>Renewable Energy</i> , 2016, 88, 439-444.	4.3	11
22	Psychrophilic dry anaerobic digestion of cow feces and wheat straw: Feasibility studies. <i>Biomass and Bioenergy</i> , 2015, 77, 1-8.	2.9	10
23	Adapting anaerobic consortium to pure and complex lignocellulose substrates at low temperature: kinetics evaluation. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 99-110.	2.0	10
24	Assessing the impact of palmitic, myristic and lauric acids on hydrogen production from glucose fermentation by mixed anaerobic granular cultures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 18761-18772.	3.8	9
25	Impact of Organic Loading Rate on Psychrophilic Anaerobic Digestion of Solid Dairy Manure. <i>Energies</i> , 2015, 8, 1990-2007.	1.6	9
26	Effects of linoleic acid and its degradation by-products on mesophilic hydrogen production using flocculated and granular mixed anaerobic cultures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 18747-18760.	3.8	8
27	A start-up of psychrophilic anaerobic sequence batch reactor digesting a 35% total solids feed of dairy manure and wheat straw. <i>AMB Express</i> , 2015, 5, 144.	1.4	8
28	High rate psychrophilic anaerobic digestion of undiluted dairy cow feces. <i>Bioresource Technology</i> , 2015, 187, 128-135.	4.8	8
29	Exergy and Exergoeconomic Assessment of an Acid Gas Removal Unit in a Gas Refinery Plant. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 14591-14612.	1.8	7
30	Energy recovery through biohydrogen production for sustainable anaerobic waste treatment: an overview. <i>International Journal of Environment and Waste Management</i> , 2015, 15, 148.	0.2	4
31	Biohydrogen Production Through Mixed Culture Dark Anaerobic Fermentation of Industrial Waste. <i>Handbook of Environmental Engineering</i> , 2021, , 323-369.	0.2	4
32	Chemical Methods for Hydrolyzing Dairy Manure Fiber: A Concise Review. <i>Energies</i> , 2021, 14, 6159.	1.6	4
33	Utilizing settling tests to design a conventional upflow settling tank modified with inclined plates. <i>Water Science and Technology</i> , 2012, 66, 858-864.	1.2	3
34	Feasibility and performance of high-rate psychrophilic dry anaerobic digestion of high solids content dairy manure. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2016, 5, 33-42.	2.0	2
35	On-farm applications of cattle manure fibre hydrolysis biotechnologies: a review. <i>International Journal of Environment and Waste Management</i> , 2015, 15, 327.	0.2	0