

C Veluchamy

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

545
citations

840776

11
h-index

996975

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17
all docs

17
docs citations

17
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of different thermal heating processes for increased methane production from lignocellulose waste material. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5115-5123.	4.6	5
2	Evaluating and modelling of plug flow reactor digesting lignocellulosic corn silage. <i>Fuel</i> , 2021, 287, 119498.	6.4	3
3	Biogas production, waste stabilization efficiency, and hygienization potential of a mesophilic anaerobic plug flow reactor processing swine manure and corn stover. <i>Journal of Environmental Management</i> , 2021, 284, 112027.	7.8	20
4	Effect of Bioaugmentation with Anaerobic Fungi Isolated from Ruminants on the Hydrolysis of Corn Silage and <i>Phragmites australis</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9123.	2.5	2
5	Effect of Total Solid Content of Lignocellulose Pulp and Paper Mill Sludge on Methane Production and Modeling. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 04019121.	1.4	3
6	Hygienization and microbial metabolic adaptation during anaerobic co-digestion of swine manure and corn stover. <i>Bioresource Technology</i> , 2020, 306, 123168.	9.6	13
7	Emission of volatile organic compounds from composting: A review on assessment, treatment and perspectives. <i>Science of the Total Environment</i> , 2019, 695, 133725.	8.0	67
8	Process performance and biogas production optimizing of mesophilic plug flow anaerobic digestion of corn silage. <i>Fuel</i> , 2019, 253, 1097-1103.	6.4	52
9	Advanced Pretreatment Strategies for Bioenergy Production from Biomass and Biowaste. , 2019, , 1507-1524.		4
10	Electrohydrolysis pretreatment for enhanced methane production from lignocellulose waste pulp and paper mill sludge and its kinetics. <i>Bioresource Technology</i> , 2018, 252, 52-58.	9.6	45
11	Advanced Pretreatment Strategies for Bioenergy Production from Biomass and Biowaste. , 2018, , 1-19.		4
12	Biochemical methane potential test for pulp and paper mill sludge with different food / microorganisms ratios and its kinetics. <i>International Biodeterioration and Biodegradation</i> , 2017, 117, 197-204.	3.9	51
13	Enhanced methane production and its kinetics model of thermally pretreated lignocellulose waste material. <i>Bioresource Technology</i> , 2017, 241, 1-9.	9.6	53
14	A mass diffusion model on the effect of moisture content for solid-state anaerobic digestion. <i>Journal of Cleaner Production</i> , 2017, 162, 371-379.	9.3	35
15	Prerequisite " An electrohydrolysis pretreatment for anaerobic digestion of lignocellulose waste material. <i>Bioresource Technology</i> , 2017, 235, 274-280.	9.6	29
16	Influence of pretreatment techniques on anaerobic digestion of pulp and paper mill sludge: A review. <i>Bioresource Technology</i> , 2017, 245, 1206-1219.	9.6	104
17	Enhancement of hydrolysis of lignocellulose waste pulp and paper mill sludge through different heating processes on thermal pretreatment. <i>Journal of Cleaner Production</i> , 2017, 168, 219-226.	9.3	55