

L A Fernández-Gálvez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,050
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the total concentration and the profile of volatile fatty acids on polyhydroxyalkanoates (PHA) production by mixed microbial cultures. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 239-253.	4.6	3
2	Integral valorization of residual biomass: Hydrogen, polyhydroxyalkanoates, and compost production. , 2021, , 355-390.		0
3	Thermally enhanced solubilization and anaerobic digestion of organic fraction of municipal solid waste. <i>Chemosphere</i> , 2021, 282, 131136.	8.2	25
4	Thermophilic Anaerobic Co-Digestion of Exhausted Sugar Beet Pulp with Cow Manure to Boost the Performance of the Process: The Effect of Manure Proportion. <i>Water (Switzerland)</i> , 2021, 13, 67.	2.7	5
5	Editorial of the Special Issue "Anaerobic Co-Digestion of Lignocellulosic Wastes" <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7399.	2.5	0
6	Improvement of Anaerobic Digestion of Lignocellulosic Biomass by Hydrothermal Pretreatment. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3853.	2.5	46
7	New criteria to determine the destabilization of the acidogenic anaerobic co-digestion of organic fraction of municipal solid waste (OFMSW) with mixed sludge (MS). <i>Bioresource Technology</i> , 2018, 248, 174-179.	9.6	22
8	Anaerobic co-digestion of organic fraction of municipal solid waste (OFMSW): Progress and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 93, 380-399.	16.4	270
9	Inhibition of the Hydrolytic Phase in the Production of Biohydrogen by Dark Fermentation of Organic Solid Waste. <i>Energy & Fuels</i> , 2017, 31, 7176-7184.	5.1	19
10	Effect of thermal pretreatment on the biogas production and microbial communities balance during anaerobic digestion of urban and industrial waste activated sludge. <i>Bioresource Technology</i> , 2016, 214, 184-191.	9.6	132
11	Thermochemical Pretreatments of Organic Fraction of Municipal Solid Waste from a Mechanical-Biological Treatment Plant. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3769-3782.	4.1	12
12	Selecting sewage sludge treatment alternatives in modern wastewater treatment plants using environmental decision support systems. <i>Journal of Cleaner Production</i> , 2015, 107, 410-419.	9.3	96
13	Destabilization of an anaerobic reactor by wash-out episode: Effect on the biomethanization performance. <i>Chemical Engineering Journal</i> , 2013, 214, 247-252.	12.7	14
14	New approach for integral treatment of OFMSW: Comparative analysis of its methane performance versus a conventional continuously stirred tank reactor. <i>Chemical Engineering Journal</i> , 2013, 233, 282-291.	12.7	5
15	Effect of HRT on hydrogen production and organic matter solubilization in acidogenic anaerobic digestion of OFMSW. <i>Chemical Engineering Journal</i> , 2013, 219, 443-449.	12.7	70
16	Dry-thermophilic anaerobic digestion of organic fraction of municipal solid waste: Methane production modeling. <i>Waste Management</i> , 2012, 32, 382-388.	7.4	36
17	New parameters to determine the optimum pretreatment for improving the biomethanization performance. <i>Chemical Engineering Journal</i> , 2012, 198-199, 81-86.	12.7	10
18	New Strategy for a Suitable Fast Stabilization of the Biomethanization Performance. <i>Archaea</i> , 2012, 1-7.	2.3	1

#	ARTICLE	IF	CITATIONS
19	New indirect parameters for interpreting a destabilization episode in an anaerobic reactor. Chemical Engineering Journal, 2012, 180, 32-38.	12.7	31
20	The use of thermochemical and biological pretreatments to enhance organic matter hydrolysis and solubilization from organic fraction of municipal solid waste (OFMSW). Chemical Engineering Journal, 2011, 168, 249-254.	12.7	67
21	The effect of different pretreatments on bimethanation kinetics of industrial Organic Fraction of Municipal Solid Wastes (OFMSW). Chemical Engineering Journal, 2011, 171, 411-417.	12.7	39
22	Determination of critical and optimum conditions for bimethanization of OFMSW in a semi-continuous stirred tank reactor. Chemical Engineering Journal, 2011, 171, 418-424.	12.7	16
23	Biological pretreatment applied to industrial organic fraction of municipal solid wastes (OFMSW): Effect on anaerobic digestion. Chemical Engineering Journal, 2011, 172, 321-325.	12.7	42
24	Dry-thermophilic anaerobic digestion of simulated organic fraction of Municipal Solid Waste: Process modeling. Bioresource Technology, 2011, 102, 606-611.	9.6	32
25	Start-up of thermophilic "dry anaerobic digestion of OFMSW using adapted modified SEBAC inoculum. Bioresource Technology, 2010, 101, 9031-9039.	9.6	57