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List of Publications by Year
in descending order

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64 papers	2,594 citations	186209 28 h-index	197736 49 g-index
65 all docs	65 docs citations	65 times ranked	3024 citing authors

#	Article	IF	Citations
1	Effects of C/N ratio on anaerobic co-digestion of cabbage, cauliflower, and restaurant food waste. Biomass Conversion and Biorefinery, 2021, 11, 2133-2145.	2.9	27
2	Methane production by anaerobic co-digestion of mixed agricultural waste: cabbage and cauliflower. Environmental Technology (United Kingdom), 2021, 42, 4550-4558.	1.2	10
3	Anaerobic co-digestion of winery waste: comparative assessment of grape marc waste and lees derived from organic crops. Environmental Technology (United Kingdom), 2021, 42, 3618-3626.	1.2	7
4	Simple and eco-friendly thermal regeneration of granular activated carbon from the odour control system of a full-scale WWTP: Study of the process in oxidizing atmosphere. Separation and Purification Technology, 2021, 255, 117782.	3.9	9
5	Comparison of Pre-treatment Technologies to Improve Sewage Sludge Biomethanization. Applied Biochemistry and Biotechnology, 2021, 193, 777-790.	1.4	1
6	Integral evaluation of granular activated carbon at four stages of a full-scale WWTP deodorization system. Science of the Total Environment, 2021, 754, 142237.	3.9	12
7	Evaluation of hydrothermal pretreatment for biological treatment of lignocellulosic feedstock (pepper plant and eggplant). Waste Management, 2020, 102, 76-84.	3.7	16
8	Bacteria, archae, fungi and viruses: it takes a community to eliminate waste. Microbial Biotechnology, 2020, 13, 892-894.	2.0	1
9	Biofiltration of butyric acid: Monitoring odor abatement and microbial communities. Environmental Research, 2020, 190, 110057.	3.7	6
10	Wastewater nutrient recovery using twin-layer microalgae technology for biofertilizer production. Water Science and Technology, 2020, 82, 1044-1061.	1.2	19
11	Co-composting of chicken manure, alperujo, olive leaves/pruning and cereal straw at full-scale: Compost quality assessment and odour emission. Chemical Engineering Research and Design, 2020, 139, 362-370.	2.7	26
12	Efficient extraction of hydrophilic and lipophilic antioxidants from microalgae with supramolecular solvents. Separation and Purification Technology, 2020, 251, 117327.	3.9	37
13	Environmental performance of an industrial biofilter: Relationship between photochemical oxidation and odorous impacts. Environmental Research, 2020, 183, 109168.	3.7	10
14	Evaluation of Anaerobic Digestion of Verdejo Lees from an Ecological Crop. Waste and Biomass Valorization, 2020, 11, 6781-6791.	1.8	0
15	Effect of variation in the C/[N+P] ratio on anaerobic digestion. Environmental Progress and Sustainable Energy, 2019, 38, 228-236.	1.3	29
16	Co-composting of sewage sludge and eggplant waste at full scale: Feasibility study to valorize eggplant waste and minimize the odoriferous impact of sewage sludge. Journal of Environmental Management, 2019, 247, 205-213.	3.8	26
17	Effect of microwave pretreatment on centrifuged and floated sewage sludge derived from wastewater treatment plants. Chemical Engineering Research and Design, 2019, 128, 251-258.	2.7	10
18	Evaluation of physicochemical pretreatment of tomato plant for aerobic and anaerobic biodegradation. Biomass Conversion and Biorefinery, 2019, 9, 489-497.	2.9	4

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19	Permeability and adsorption effects for volatile sulphur compounds in Nalophan sampling bags: Stability influenced by storage time. Biosystems Engineering, 2019, 188, 217-228.	1.9	9
20	Odor mapping of an urban waste management plant: Chemometric approach and correlation between physico-chemical, respirometric and olfactometric variables. Journal of Cleaner Production, 2019, 210, 1098-1108.	4.6	19
21	Optimizing the selection of organic waste for biomethanization. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Over	1.2	4
22	Application of ATAD technology for digesting sewage sludge in small towns: Operation and costs. Journal of Environmental Management, 2018, 215, 185-194.	3.8	7
23	Monitoring of the composting process of different agroindustrial waste: Influence of the operational variables on the odorous impact. Waste Management, 2018, 76, 266-274.	3.7	42
24	Kinetics of drying inorganic spheres: Simultaneous modeling of moisture and temperature during the constant and falling rate periods. Drying Technology, 2018, 36, 1186-1199.	1.7	3
25	Effect of microwave pretreatment on semi-continuous anaerobic digestion of sewage sludge. Renewable Energy, 2018, 115, 917-925.	4.3	63
26	Full-scale composting of sewage sludge and market waste: Stability monitoring and odor dispersion modeling. Environmental Research, 2018, 167, 739-750.	3.7	33
27	Thermophilic anaerobic digestion of pre-treated orange peel: Modelling of methane production. Chemical Engineering Research and Design, 2018, 117, 245-253.	2.7	40
28	Multivariate analysis and biodegradability test to evaluate different organic wastes for biological treatments: Anaerobic co-digestion and co-composting. Waste Management, 2018, 78, 819-828.	3.7	22
29	Centralized management of sewage sludge and agro-industrial waste through co-composting. Journal of Environmental Management, 2017, 196, 387-393.	3.8	31
30	Chemometric analysis and NIR spectroscopy to evaluate odorous impact during the composting of different raw materials. Journal of Cleaner Production, 2017, 167, 154-162.	4.6	73
31	Advantages and drawbacks of OFMSW and winery waste co-composting at pilot scale. Journal of Cleaner Production, 2017, 164, 1050-1057.	4.6	28
32	Raman-Deuterium Isotope Probing for in-situ identification of antimicrobial resistant bacteria in Thames River. Scientific Reports, 2017, 7, 16648.	1.6	69
33	Low-cost Fe/SiO 2 catalysts for continuous Fenton processes. Catalysis Today, 2017, 280, 176-183.	2.2	31
34	Modelling of composting process of different organic waste at pilot scale: Biodegradability and odor emissions. Waste Management, 2017, 59, 48-58.	3.7	40
35	Improvement of anaerobic digestion of sewage sludge through microwave pre-treatment. Journal of Environmental Management, 2016, 177, 231-239.	3.8	49
36	Integral valorisation of waste orange peel using combustion, biomethanisation and co-composting technologies. Bioresource Technology, 2016, 211, 173-182.	4.8	79

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37	Mixture optimization of anaerobic co-digestion of tomato and cucumber waste. Environmental Technology (United Kingdom), 2015, 36, 2628-2636.	1.2	18
38	Improvement of the biomethanization of sewage sludge by thermal pre-treatment and co-digestion with strawberry extrudate. Journal of Cleaner Production, 2015, 90, 25-33.	4.6	47
39	Kinetics of alfalfa drying: Simultaneous modelling of moisture content and temperature. Biosystems Engineering, 2015, 129, 185-196.	1.9	6
40	Evaluation of the improvement of sonication pre-treatment in the anaerobic digestion of sewage sludge. Journal of Environmental Management, 2015, 147, 330-337.	3.8	58
41	Improvement of mesophilic anaerobic co-digestion of agri-food waste by addition of glycerol. Journal of Environmental Management, 2014, 140, 76-82.	3.8	36
42	Evaluation of the Anaerobic Co-Digestion of Sewage Sludge and Tomato Waste at Mesophilic Temperature. Applied Biochemistry and Biotechnology, 2014, 172, 3862-3874.	1.4	16
43	Optimization of Anaerobic Co-digestion of Strawberry and Fish Waste. Applied Biochemistry and Biotechnology, 2014, 173, 1391-1404.	1.4	24
44	Mesophilic anaerobic co-digestion of sewage sludge and orange peel waste. Environmental Technology (United Kingdom), 2014, 35, 898-906.	1.2	33
45	Anaerobic co-digestion of sewage sludge and strawberry extrudate under mesophilic conditions. Environmental Technology (United Kingdom), 2014, 35, 2920-2927.	1.2	13
46	Kinetics of biofuel generation from deodorizer distillates derived from the physical refining of olive oil and squalene recovery. Biomass and Bioenergy, 2014, 62, 93-99.	2.9	11
47	Treatment of an agrochemical wastewater by integration of heterogeneous catalytic wet hydrogen peroxide oxidation and rotating biological contactors. Chemical Engineering Journal, 2013, 226, 409-415.	6.6	36
48	Agri-food waste valorization through anaerobic co-digestion: fish and strawberry residues. Journal of Cleaner Production, 2013, 54, 125-132.	4.6	47
49	Biomethanization of waste derived from strawberry processing: advantages ofÂpretreatment. Journal of Cleaner Production, 2013, 42, 190-197.	4.6	32
50	Semi-continuous anaerobic co-digestion of orange peel waste and residual glycerol derived from biodiesel manufacturing. Waste Management, 2013, 33, 1633-1639.	3.7	54
51	Combined Physical-Chemical and Aerobic Biological Treatments of Wastewater Derived from Sauce Manufacturing. Water Environment Research, 2013, 85, 346-353.	1.3	0
52	Optimization of coagulationâ€“flocculation process for wastewater derived from sauce manufacturing using factorial design of experiments. Chemical Engineering Journal, 2011, 172, 771-771.	6.6	22
53	Physicalâ€“chemical and biomethanization treatments of wastewater from biodiesel manufacturing. Bioresource Technology, 2011, 102, 6348-6351.	4.8	24
54	Integrated ozonation and biomethanization treatments of vinasse derived from ethanol manufacturing. Journal of Hazardous Materials, 2011, 188, 247-253.	6.5	89

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55	Biorefinery of waste orange peel. Critical Reviews in Biotechnology, 2010, 30, 63-69.	5.1	200
56	Succinic acid production from orange peel and wheat straw by batch fermentations of Fibrobacter succinogenes S85. Applied Microbiology and Biotechnology, 2010, 88, 671-678.	1.7	66
57	Modelling the anaerobic digestion of wastewater derived from the pressing of orange peel produced in orange juice manufacturing. Bioresource Technology, 2010, 101, 3909-3916.	4.8	24
58	Anaerobic co-digestion of glycerol and wastewater derived from biodiesel manufacturing. Bioresource Technology, 2010, 101, 6315-6321.	4.8	106
59	Biomethanization of orange peel waste. Bioresource Technology, 2010, 101, 8993-8999.	4.8	161
60	Impact of ammonia and sulphate concentration on thermophilic anaerobic digestion. Bioresource Technology, 2010, 101, 9040-9048.	4.8	115
61	Anaerobic digestion of glycerol derived from biodiesel manufacturing. Bioresource Technology, 2009, 100, 5609-5615.	4.8	151
62	Kinetic modelling of the anaerobic digestion of wastewater derived from the pressing of orange rind produced in orange juice manufacturing. Chemical Engineering Journal, 2008, 140, 145-156.	6.6	26
63	Anaerobic Digestion of Wastewater Derived from the Pressing of Orange Peel Generated in Orange Juice Production. Journal of Agricultural and Food Chemistry, 2007, 55, 1905-1914.	2.4	28
64	A kinetic study of the esterification of free fatty acids (FFA) in sunflower oil. Fuel, 2007, 86, 2383-2388.	3.4	255