

Pascal Peu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,214
citations

430442

18
h-index

433756

31
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32
all docs

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docs citations

32
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	An Innovative Solid-State Micro-Anaerobic Digestion Process to Valorize Food Waste: Technical Development Constraints and Consequences on Biological Performances. <i>Waste and Biomass Valorization</i> , 2022, 13, 617-630.	1.8	5
2	A Two-Stage Biogas Desulfurization Process Using Cellular Concrete Filtration and an Anoxic Biotrickling Filter. <i>Energies</i> , 2022, 15, 3762.	1.6	5
3	Storage of Food Waste: Variations of Physical-Chemical Characteristics and Consequences on Biomethane Potential. <i>Waste and Biomass Valorization</i> , 2020, 11, 2441-2454.	1.8	20
4	Effect of starvation period on microbial community producing hydrogen from paperboard mill wastewater using anaerobic baffled reactor. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2389-2399.	1.2	8
5	Potentials of using mixed culture bacteria incorporated with sodium bicarbonate for hydrogen production from water hyacinth. <i>Bioresource Technology</i> , 2018, 263, 365-374.	4.8	30
6	Impact of wet aerobic pretreatments on cellulose accessibility and bacterial communities in rape straw. <i>Bioresource Technology</i> , 2017, 237, 31-38.	4.8	15
7	Cellulose accessibility and microbial community in solid state anaerobic digestion of rape straw. <i>Bioresource Technology</i> , 2017, 223, 192-201.	4.8	28
8	On the value of electrical resistivity tomography for monitoring leachate injection in solid state anaerobic digestion plants at farm scale. <i>Waste Management</i> , 2016, 56, 125-136.	3.7	13
9	Class P dye-decolorizing peroxidase gene: Degenerated primers design and phylogenetic analysis. <i>Journal of Microbiological Methods</i> , 2016, 130, 148-153.	0.7	9
10	Dynamic effect of leachate recirculation on batch mode solid state anaerobic digestion: Influence of recirculated volume, leachate to substrate ratio and recirculation periodicity. <i>Bioresource Technology</i> , 2016, 216, 553-561.	4.8	51
11	Isolation of bacterial strains able to metabolize lignin and lignin-related compounds. <i>Letters in Applied Microbiology</i> , 2016, 63, 30-37.	1.0	60
12	Biotic and abiotic roles of leachate recirculation in batch mode solid-state anaerobic digestion of cattle manure. <i>Bioresource Technology</i> , 2016, 200, 388-395.	4.8	57
13	Occurrence of lignin degradation genotypes and phenotypes among prokaryotes. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9527-9544.	1.7	114
14	Impact of pig diets with different fibre contents on the composition of excreta and their gaseous emissions and anaerobic digestion. <i>Agriculture, Ecosystems and Environment</i> , 2012, 160, 51-58.	2.5	33
15	Prediction of hydrogen sulphide production during anaerobic digestion of organic substrates. <i>Bioresource Technology</i> , 2012, 121, 419-424.	4.8	85
16	Anaerobic co-digestion of waste activated sludge and greasy sludge from flotation process: Batch versus CSTR experiments to investigate optimal design. <i>Bioresource Technology</i> , 2012, 105, 1-8.	4.8	110
17	Sulphur fate and anaerobic biodegradation potential during co-digestion of seaweed biomass (<i>Ulva</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	4.8	82
18	Impact of nitrate-enhanced leachate recirculation on gaseous releases from a landfill bioreactor cell. <i>Waste Management</i> , 2009, 29, 2078-2084.	3.7	7

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19	The efficiency of biological aerobic treatment of piggery wastewater to control nitrogen, phosphorus, pathogen and gas emissions. <i>Water Science and Technology</i> , 2008, 57, 1909-1914.	1.2	14
20	Gaseous Emissions (NH ₃ , N ₂ O, CH ₄ and CO ₂) from the aerobic treatment of piggery slurry – Comparison with a conventional storage system. <i>Biosystems Engineering</i> , 2007, 97, 472-480.	1.9	60
21	Long term fate of slurry derived nitrogen in soil: A case study with a macro-lysimeter experiment having received high loads of pig slurry (Solepur). <i>Bioresource Technology</i> , 2007, 98, 3228-3234.	4.8	18
22	A new method for continuous assessment of CO ₂ released from dough baked in ventilated ovens. <i>Journal of Food Engineering</i> , 2007, 81, 1-11.	2.7	27
23	Using Sterols to Detect Pig Slurry Contribution to Soil Organic Matter. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 169-178.	1.1	44
24	Gaseous emissions (NH ₃ , N ₂ O, CH ₄ , CO ₂) during pig slurry biological aerobic treatment and treatment by-product storages. <i>International Congress Series</i> , 2006, 1293, 299-302.	0.2	9
25	Monitoring GHG from manure stores on organic and conventional dairy farms. <i>Agriculture, Ecosystems and Environment</i> , 2006, 112, 122-128.	2.5	67
26	Dynamics of a Pig Slurry Microbial Community during Anaerobic Storage and Management. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3578-3585.	1.4	104
27	Volatile fatty acids analysis from pig slurry using high-performance liquid chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 1017-1022.	1.8	39
28	Influence of Treatment Techniques for Pig Slurry on Methane Emissions during Subsequent Storage. <i>Biosystems Engineering</i> , 2003, 85, 347-354.	1.9	55
29	Nutrient fluxes from a soil treatment process for pig slurry. <i>Soil Use and Management</i> , 2000, 16, 100-107.	2.6	26
30	A Floating Chamber for estimating Nitrous Oxide Emissions from Farm Scale Treatment Units for Livestock Wastes. <i>Biosystems Engineering</i> , 1999, 73, 101-104.	0.4	17