Pascal Peu

List of Publications by Year in descending order

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		430874	434195
30	1,214	18	31
papers	citations	h-index	g-index
32	32	32	1588
all docs	docs citations	times ranked	citing authors

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#	Article	IF	CITATIONS
1	An Innovative Solid-State Micro-Anaerobic Digestion Process to Valorize Food Waste: Technical Development Constraints and Consequences on Biological Performances. Waste and Biomass Valorization, 2022, 13, 617-630.	3.4	5
2	A Two-Stage Biogas Desulfurization Process Using Cellular Concrete Filtration and an Anoxic Biotrickling Filter. Energies, 2022, 15, 3762.	3.1	5
3	Storage of Food Waste: Variations of Physical–Chemical Characteristics and Consequences on Biomethane Potential. Waste and Biomass Valorization, 2020, 11, 2441-2454.	3.4	20
4	Effect of starvation period on microbial community producing hydrogen from paperboard mill wastewater using anaerobic baffled reactor. Environmental Technology (United Kingdom), 2019, 40, 2389-2399.	2.2	8
5	Potentials of using mixed culture bacteria incorporated with sodium bicarbonate for hydrogen production from water hyacinth. Bioresource Technology, 2018, 263, 365-374.	9.6	30
6	Impact of wet aerobic pretreatments on cellulose accessibility and bacterial communities in rape straw. Bioresource Technology, 2017, 237, 31-38.	9.6	15
7	Cellulose accessibility and microbial community in solid state anaerobic digestion of rape straw. Bioresource Technology, 2017, 223, 192-201.	9.6	28
8	On the value of electrical resistivity tomography for monitoring leachate injection in solid state anaerobic digestion plants at farm scale. Waste Management, 2016, 56, 125-136.	7.4	13
9	Class P dye-decolorizing peroxidase gene: Degenerated primers design and phylogenetic analysis. Journal of Microbiological Methods, 2016, 130, 148-153.	1.6	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. Bioresource Technology, 2016, 216, 553-561.	9.6	51
11	Isolation of bacterial strains able to metabolize lignin and lignin-related compounds. Letters in Applied Microbiology, 2016, 63, 30-37.	2.2	60
12	Biotic and abiotic roles of leachate recirculation in batch mode solid-state anaerobic digestion of cattle manure. Bioresource Technology, 2016, 200, 388-395.	9.6	57
13	Occurrence of lignin degradation genotypes and phenotypes among prokaryotes. Applied Microbiology and Biotechnology, 2014, 98, 9527-9544.	3.6	114
14	Impact of pig diets with different fibre contents on the composition of excreta and their gaseous emissions and anaerobic digestion. Agriculture, Ecosystems and Environment, 2012, 160, 51-58.	5.3	33
15	Prediction of hydrogen sulphide production during anaerobic digestion of organic substrates. Bioresource Technology, 2012, 121, 419-424.	9.6	85
16	Anaerobic co-digestion of waste activated sludge and greasy sludge from flotation process: Batch versus CSTR experiments to investigate optimal design. Bioresource Technology, 2012, 105, 1-8.	9.6	110
17	Sulphur fate and anaerobic biodegradation potential during co-digestion of seaweed biomass (Ulva) Tj ETQq1	1 0.784314 9.6	rgBT /Overlo
18	Impact of nitrate-enhanced leachate recirculation on gaseous releases from a landfill bioreactor	7.4	7

cell. Waste Management, 2009, 29, 2078-2084.

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19	The efficiency of biological aerobic treatment of piggery wastewater to control nitrogen, phosphorus, pathogen and gas emissions. Water Science and Technology, 2008, 57, 1909-1914.	2.5	14
20	Gaseous Emissions (NH3, N2O, CH4 and CO2) from the aerobic treatment of piggery slurry—Comparison with a conventional storage system. Biosystems Engineering, 2007, 97, 472-480.	4.3	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). Bioresource Technology, 2007, 98, 3228-3234.	9.6	18
22	A new method for continuous assessment of CO2 released from dough baked in ventilated ovens. Journal of Food Engineering, 2007, 81, 1-11.	5.2	27
23	Using Sterols to Detect Pig Slurry Contribution to Soil Organic Matter. Water, Air, and Soil Pollution, 2007, 178, 169-178.	2.4	44
24	Gaseous emissions (NH3, N2O, CH4, CO2) during pig slurry biological aerobic treatment and treatment by-product storages. International Congress Series, 2006, 1293, 299-302.	0.2	9
25	Monitoring GHG from manure stores on organic and conventional dairy farms. Agriculture, Ecosystems and Environment, 2006, 112, 122-128.	5.3	67
26	Dynamics of a Pig Slurry Microbial Community during Anaerobic Storage and Management. Applied and Environmental Microbiology, 2006, 72, 3578-3585.	3.1	104
27	Volatile fatty acids analysis from pig slurry using high-performance liquid chromatography. International Journal of Environmental Analytical Chemistry, 2004, 84, 1017-1022.	3.3	39
28	Influence of Treatment Techniques for Pig Slurry on Methane Emissions during Subsequent Storage. Biosystems Engineering, 2003, 85, 347-354.	4.3	55
29	Nutrient fluxes from a soil treatment process for pig slurry. Soil Use and Management, 2000, 16, 100-107.	4.9	26
30	A Floating Chamber for estimating Nitrous Oxide Emissions from Farm Scale Treatment Units for Livestock Wastes. Biosystems Engineering, 1999, 73, 101-104.	0.4	17