

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
g-index

32
all docs

32
docs citations

32
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of lignin degradation genotypes and phenotypes among prokaryotes. Applied Microbiology and Biotechnology, 2014, 98, 9527-9544.	1.7	114
2	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.	4.8	110
3	Dynamics of a Pig Slurry Microbial Community during Anaerobic Storage and Management. Applied and Environmental Microbiology, 2006, 72, 3578-3585.	1.4	104
4	Prediction of hydrogen sulphide production during anaerobic digestion of organic substrates. Bioresource Technology, 2012, 121, 419-424.	4.8	85
5	Sulphur fate and anaerobic biodegradation potential during co-digestion of seaweed biomass (Ulva) Tj ETQq1 1 0.784314 rgBT /Overlacc	4.8	82
6	Monitoring GHG from manure stores on organic and conventional dairy farms. Agriculture, Ecosystems and Environment, 2006, 112, 122-128.	2.5	67
7	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. Biosystems Engineering, 2007, 97, 472-480.	1.9	60
8	Isolation of bacterial strains able to metabolize lignin and lignin-related compounds. Letters in Applied Microbiology, 2016, 63, 30-37.	1.0	60
9	Biotic and abiotic roles of leachate recirculation in batch mode solid-state anaerobic digestion of cattle manure. Bioresource Technology, 2016, 200, 388-395.	4.8	57
10	Influence of Treatment Techniques for Pig Slurry on Methane Emissions during Subsequent Storage. Biosystems Engineering, 2003, 85, 347-354.	1.9	55
11	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.	4.8	51
12	Using Sterols to Detect Pig Slurry Contribution to Soil Organic Matter. Water, Air, and Soil Pollution, 2007, 178, 169-178.	1.1	44
13	Volatile fatty acids analysis from pig slurry using high-performance liquid chromatography. International Journal of Environmental Analytical Chemistry, 2004, 84, 1017-1022.	1.8	39
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.	2.5	33
15	Potentials of using mixed culture bacteria incorporated with sodium bicarbonate for hydrogen production from water hyacinth. Bioresource Technology, 2018, 263, 365-374.	4.8	30
16	Cellulose accessibility and microbial community in solid state anaerobic digestion of rape straw. Bioresource Technology, 2017, 223, 192-201.	4.8	28
17	A new method for continuous assessment of CO ₂ released from dough baked in ventilated ovens. Journal of Food Engineering, 2007, 81, 1-11.	2.7	27
18	Nutrient fluxes from a soil treatment process for pig slurry. Soil Use and Management, 2000, 16, 100-107.	2.6	26

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	A Two-Stage Biogas Desulfurization Process Using Cellular Concrete Filtration and an Anoxic Biotrickling Filter. <i>Energies</i> , 2022, 15, 3762.	1.6	5