PatrÃcia Moura

List of Publications by Year
in descending order

25	1,082	516710 16	580821 25
papers	citations	h-index	g-index

26	26	26	1468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vitro fermentation of xylo-oligosaccharides from corn cobs autohydrolysis by Bifidobacterium and Lactobacillus strains. LWT - Food Science and Technology, 2007, 40, 963-972.	5.2	166
2	Scenedesmus obliquus as feedstock for biohydrogen production by Enterobacter aerogenes and Clostridium butyricum. Fuel, 2014, 117, 537-543.	6.4	136
3	Assessment on the Fermentability of Xylooligosaccharides from Rice Husks by Probiotic Bacteria. Journal of Agricultural and Food Chemistry, 2008, 56, 7482-7487.	5.2	119
4	Third generation biohydrogen production by Clostridium butyricum and adapted mixed cultures from Scenedesmus obliquus microalga biomass. Fuel, 2015, 153, 128-134.	6.4	98
5	Production, purification and characterisation of oligosaccharides from olive tree pruning autohydrolysis. Industrial Crops and Products, 2012, 40, 225-231.	5.2	70
6	The production of pigments & hydrogen through a Spirogyra sp. biorefinery. Energy Conversion and Management, 2015, 89, 789-797.	9.2	53
7	Microalgae â€“ source of natural bioactive molecules as functional ingredients. Food Science and Technology Bulletin, 2010, 7, 21-37.	0.5	50
8	Biohydrogen production from microalgal biomass: Energy requirement, CO2 emissions and scale-up scenarios. Bioresource Technology, 2013, 144, 156-164.	9.6	44
9	In vitro fermentation of selected xylo-oligosaccharides by piglet intestinal microbiota. LWT - Food Science and Technology, 2008, 41, 1952-1961.	5.2	42
10	Energy requirement and CO2 emissions of bioH2 production from microalgal biomass. Biomass and Bioenergy, 2013, 49, 249-259.	5.7	39
11	Development of an Energy Biorefinery Model for Chestnut (Castanea sativa Mill.) Shells. Energies, 2017, 10, 1504.	3.1	37
12	Production and storage of biohydrogen during sequential batch fermentation of Spirogyra hydrolyzate by Clostridium butyricum. Energy, 2015, 88, 528-536.	8.8	34
13	Bifidobacterial growth stimulation by oligosaccharides generated from olive tree pruning biomass. Carbohydrate Polymers, 2017, 169, 149-156.	10.2	32
14	Survival rate of wine-related yeasts during alcoholic fermentation assessed by direct live/dead staining combined with fluorescence in situ hybridization. International Journal of Food Microbiology, 2012, 158, 49-57.	4.7	29
15	Enhancement of fermentative hydrogen production from Spirogyra sp. by increased carbohydrate accumulation and selection of the biomass pretreatment under a biorefinery model. Journal of Bioscience and Bioengineering, 2018, 126, 226-234.	2.2	22
16	Evaluation of the Potential of Biomass to Energy in Portugalâ€”Conclusions from the CONVERTE Project. Energies, 2020, 13, 937.	3.1	20
17	Improving the non-sterile food waste bioconversion to hydrogen by microwave pretreatment and bioaugmentation with Clostridium butyricum. Waste Management, 2019, 88, 226-235.	7.4	16
18	Effect of xylo-oligosaccharides from corn cobs autohydrolysis on the intestinal microbiota of piglets after weaning. Livestock Science, 2007, 108, 244-248.	1.6	15

#	Article	IF	Citations
19	PCR monitoring ofLactobacillus andBifidobacterium dynamics in fermentations by piglet intestinal microbiota. Journal of Basic Microbiology, 2007, 47, 148-157.	3.3	14
20	Low Indirect Land Use Change (ILUC) Energy Crops to Bioenergy and Biofuelsâ€"A Review. Energies, 2022, 15, 4348.	3.1	14
21	Biorefineries in the World. Lecture Notes in Energy, 2017, , 227-281.	0.3	10
22	Food waste biorefinery: Stability of an acidogenic fermentation system with carbon dioxide sequestration and electricity generation. Journal of Cleaner Production, 2020, 270, 122040.	9.3	9
23	Assessment of the adequacy of different Mediterranean waste biomass types for fermentative hydrogen production and the particular advantage of carob (Ceratonia siliqua L.) pulp. International Journal of Hydrogen Energy, 2018, 43, 7773-7783.	7.1	6
24	Separation of olive tree pruning oligomers from liquid hot water hydrolyzates using preparative gel filtration chromatography. New Biotechnology, 2009, 25, S249.	4.4	4
25	Lignin Syngas Bioconversion by Butyribacterium methylotrophicum: Advancing towards an Integrated Biorefinery. Energies, 2021, 14, 7124.	3.1	3