

Samir I Gadow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1488934/publications.pdf>

Version: 2024-02-01

16
papers

320
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological indicators for pollution detection in terrestrial and aquatic ecosystems. Bulletin of the National Research Centre, 2020, 44, .	1.8	59
2	Effect of temperature on continuous hydrogen production of cellulose. International Journal of Hydrogen Energy, 2012, 37, 15465-15472.	7.1	45
3	Bio-hythane production from cassava residue by two-stage fermentative process with recirculation. Bioresource Technology, 2018, 247, 769-775.	9.6	33
4	Effect of temperature and temperature shock on the stability of continuous cellulosic-hydrogen fermentation. Bioresource Technology, 2013, 142, 304-311.	9.6	31
5	Cellulosic hydrogen production and microbial community characterization in hyper-thermophilic continuous bioreactor. International Journal of Hydrogen Energy, 2013, 38, 7259-7267.	7.1	26
6	Improved cellulose conversion to bio-hydrogen with thermophilic bacteria and characterization of microbial community in continuous bioreactor. Biomass and Bioenergy, 2015, 75, 57-64.	5.7	26
7	Development of an integrated anaerobic/aerobic bioreactor for biodegradation of recalcitrant azo dye and bioenergy recovery: HRT effects and functional resilience. Bioresource Technology Reports, 2020, 9, 100388.	2.7	25
8	[Bmim]FeCl ₄ mediated inhibition and toxicity during anaerobic digestion: Dose-response kinetics, biochar-dependent detoxification and microbial resistance. Water Research, 2022, 210, 117969.	11.3	16
9	Efficient treatment of recalcitrant textile wastewater using two-phase mesophilic anaerobic process: bio-hythane production and decolorization improvements. Journal of Material Cycles and Waste Management, 2020, 22, 515-523.	3.0	13
10	The performance and kinetic characterization of the three metabolic reactions in the thermophilic hydrogen and acidic fermentation of cassava residue. International Journal of Hydrogen Energy, 2017, 42, 2868-2877.	7.1	11
11	Enhancement of combustion characteristics and emissions reductions of a diesel engine using biodiesel and carbon nanotube. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 267-279.	2.1	11
12	Characterization and potential of two different anaerobic mixed microflora for bioenergy recovery and decolorization of textile wastewater: Effect of C/N ratio, dye concentration and pH. Bioresource Technology Reports, 2022, 17, 100886.	2.7	8
13	Characterization and potential of three temperature ranges for hydrogen fermentation of cellulose by means of activity test and 16s rRNA sequence analysis. Bioresource Technology, 2016, 209, 80-89.	9.6	6
14	Biomass Energy Using Methane and Hydrogen from Waste Materials. , 2015, , 131-157.		5
15	Optimization of Energy Recovery from Cellulosic Wastewater Using Mesophilic Single-Stage Bioreactor. Waste and Biomass Valorization, 2020, 11, 6017-6023.	3.4	4
16	Fuzzy inference-based control and decision system for precise aeration of sewage treatment process. Electronics Letters, 2021, 57, 112-115.	1.0	1