

Samir I Gadow

List of Publications by Year in descending order

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