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List of Publications by Year
in descending order

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50 papers	2,245 citations	172386 29 h-index	223716 46 g-index
50 all docs	50 docs citations	50 times ranked	2097 citing authors

#	Article	IF	Citations
1	Development of Kraft waste-based pretreatment strategies for enhanced sugar recovery from lignocellulosic waste. Industrial Crops and Products, 2021, 174, 114222.	2.5	5
2	Process Optimisation of Enzymatic Saccharification of Soaking Assisted and Thermal Pretreated Cassava Peels Waste for Bioethanol Production. Waste and Biomass Valorization, 2020, 11, 2409-2420.	1.8	21
3	Valorisation of potato peel wastes for bioethanol production using simultaneous saccharification and fermentation: Process optimization and kinetic assessment. Renewable Energy, 2020, 146, 1031-1040.	4.3	116
4	Valorization of sugarcane bagasse for bioethanol production through simultaneous saccharification and fermentation: Optimization and kinetic studies. Fuel, 2020, 262, 116552.	3.4	94
5	Valorisation of cassava peels through simultaneous saccharification and ethanol production: Effect of prehydrolysis time, kinetic assessment and preliminary scale up. Fuel, 2020, 278, 118351.	3.4	22
6	Development of a green liquor dregs pretreatment for enhanced glucose recovery from corn cobs and kinetic assessment on various bioethanol fermentation types. Fuel, 2020, 274, 117797.	3.4	16
7	Impact of Various Metallic Oxide Nanoparticles on Ethanol Production by Saccharomyces cerevisiae BY4743: Screening, Kinetic Study and Validation on Potato Waste. Catalysis Letters, 2019, 149, 2015-2031.	1.4	33
8	Development of a sequential alkalic salt and dilute acid pretreatment for enhanced sugar recovery from corn cobs. Energy Conversion and Management, 2018, 160, 22-30.	4.4	34
9	Impact of medium pH regulation on biohydrogen production in dark fermentation process using suspended and immobilized microbial cells. Biotechnology and Biotechnological Equipment, 2018, 32, 204-212.	0.5	38
10	Comparative study of three optimized acid-based pretreatments for sugar recovery from sugarcane leaf waste: A sustainable feedstock for biohydrogen production. Engineering Science and Technology, an International Journal, 2018, 21, 107-116.	2.0	27
11	Microwave-assisted alkalic salt pretreatment of corn cob wastes: Process optimization for improved sugar recovery. Industrial Crops and Products, 2018, 125, 284-292.	2.5	31
12	Artificial neural networks: an efficient tool for modelling and optimization of biofuel production (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	95
13	Does the volume matter in bioprocess model development? An insight into modelling and optimization of biohydrogen production. International Journal of Hydrogen Energy, 2017, 42, 5780-5792.	3.8	9
14	Development of a steam or microwave-assisted sequential salt-alkali pretreatment for lignocellulosic waste: Effect on delignification and enzymatic hydrolysis. Energy Conversion and Management, 2017, 148, 801-808.	4.4	68
15	Enterococcus species for the one-pot biofabrication of gold nanoparticles: Characterization and nanobiotechnological applications. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 250-257.	1.7	60
16	Soaking assisted thermal pretreatment of cassava peels wastes for fermentable sugar production: Process modelling and optimization. Energy Conversion and Management, 2017, 150, 558-566.	4.4	30
17	Comparison of a two-stage and a combined single stage salt-acid based lignocellulosic pretreatment for enhancing enzymatic saccharification. Industrial Crops and Products, 2017, 108, 219-224.	2.5	15
18	Optimization of a novel sequential alkalic and metal salt pretreatment for enhanced delignification and enzymatic saccharification of corn cobs. Bioresource Technology, 2017, 243, 785-792.	4.8	26

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19	Microwave-assisted chemical pre-treatment of waste sorghum leaves: Process optimization and development of an intelligent model for determination of volatile compound fractions. Bioresource Technology, 2017, 224, 590-600.	4.8	24
20	Biomedical Applications of Cocoa Bean Extract-Mediated Silver Nanoparticles as Antimicrobial, Larvicidal and Anticoagulant Agents. Journal of Cluster Science, 2017, 28, 149-164.	1.7	71
21	Kinetics of Bioethanol Production from Waste Sorghum Leaves Using Saccharomyces cerevisiae BY4743. Fermentation, 2017, 3, 19.	1.4	32
22	Green Synthesis and Antimicrobial Activities of Silver Nanoparticles using Cell Free-Extracts of Enterococcus species. Notulae Scientia Biologicae, 2017, 9, 196-203.	0.1	30
23	Design, implementation and assessment of a novel bioreactor for fermentative biohydrogen process development. International Journal of Hydrogen Energy, 2016, 41, 10136-10144.	3.8	12
24	Kolanut (Cola nitida) Mediated Synthesis of Silverâ€“Gold Alloy Nanoparticles: Antifungal, Catalytic, Larvicidal and Thrombolytic Applications. Journal of Cluster Science, 2016, 27, 1561-1577.	1.7	71
25	Intelligent models to predict hydrogen yield in dark microbial fermentations using existing knowledge. International Journal of Hydrogen Energy, 2016, 41, 12929-12940.	3.8	24
26	Biohydrogen process development on waste sorghum (Sorghum bicolor) leaves: Optimization of saccharification, hydrogen production and preliminary scale up. International Journal of Hydrogen Energy, 2016, 41, 12941-12952.	3.8	45
27	Cobweb as novel biomaterial for the green and eco-friendly synthesis of silver nanoparticles. Applied Nanoscience (Switzerland), 2016, 6, 863-874.	1.6	88
28	Modelling and optimization of xylose and glucoseÂproduction from napier grass using hybrid pre-treatment techniques. Biomass and Bioenergy, 2015, 77, 200-208.	2.9	26
29	Modelling of biohydrogen generation in microbial electrolysis cells (MECs) using a committee of artificial neural networks (ANNs). Biotechnology and Biotechnological Equipment, 2015, 29, 1208-1215.	0.5	42
30	Bacillus safensis LAU 13: a new source of keratinase and its multi-functional biocatalytic applications. Biotechnology and Biotechnological Equipment, 2015, 29, 54-63.	0.5	74
31	Optimization of xylose and glucose production from sugarcane leaves (Saccharum officinarum) using hybrid pretreatment techniques and assessment for hydrogen generation at semi-pilot scale. International Journal of Hydrogen Energy, 2015, 40, 3859-3867.	3.8	47
32	Cola nitida-Mediated Biogenic Synthesis of Silver Nanoparticles Using Seed and Seed Shell Extracts and Evaluation of Antibacterial Activities. BioNanoScience, 2015, 5, 196-205.	1.5	65
33	The biology and potential biotechnological applications of Bacillus safensis. Biologia (Poland), 2015, 70, 411-419.	0.8	61
34	Biogenic synthesis of silver nanoparticles using cell-free extract of Bacillus safensis LAU 13: antimicrobial, free radical scavenging and larvicidal activities. Biologia (Poland), 2015, 70, 1295-1306.	0.8	65
35	Green synthesis of silver nanoparticles using keratinase obtained from a strain of Bacillus safensis LAU 13. International Nano Letters, 2015, 5, 29-35.	2.3	146
36	Semi-pilot scale production of hydrogen from Organic Fraction of Solid Municipal Waste and electricity generation from process effluents. Biomass and Bioenergy, 2014, 60, 156-163.	2.9	36

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37	Comparative Assessment of the Artificial Neural Network and Response Surface Modelling Efficiencies for Biohydrogen Production on Sugar Cane Molasses. Bioenergy Research, 2014, 7, 295-305.	2.2	51
38	Optimization of biohydrogen inoculum development via a hybrid pH and microwave treatment technique â€“ Semi pilot scale production assessment. International Journal of Hydrogen Energy, 2014, 39, 5607-5616.	3.8	44
39	Quality assessment and hazard analysis in the small-scale production of poultry feeds in Ogbomoso, Southwest Nigeria. Quality Assurance and Safety of Crops and Foods, 2014, 6, 105-113.	1.8	7
40	A web-enabled software for real-time biogas fermentation monitoring â€“ Assessment of dark fermentations for correlations between medium conductivity and biohydrogen evolution. International Journal of Hydrogen Energy, 2013, 38, 10235-10244.	3.8	15
41	Optimization of hybrid inoculum development techniques for biohydrogen production and preliminary scale up. International Journal of Hydrogen Energy, 2013, 38, 11765-11773.	3.8	29
42	Fermentative Biohydrogen Modelling and Optimization Research in Light of Miniaturized Parallel Bioreactors. Biotechnology and Biotechnological Equipment, 2013, 27, 3901-3908.	0.5	12
43	Production of fructosyltransferase by a local isolate ofAspergillus nigerin both submerged and solid substrate media. Acta Alimentaria, 2012, 41, 100-117.	0.3	43
44	Modeling and optimization of biogas production on saw dust and other co-substrates using Artificial Neural network and Genetic Algorithm. Renewable Energy, 2012, 46, 276-281.	4.3	160
45	Keratinolytic activities of a new feather-degrading isolate of Bacillus cereus LAU 08 isolated from Nigerian soil. International Biodeterioration and Biodegradation, 2010, 64, 162-165.	1.9	50
46	Implementation Details of Computerized Temporary Immersion Bioreactor (TIB): A Fermentation Case ofPleurotos Pulmonarius. Biotechnology and Biotechnological Equipment, 2010, 24, 2149-2153.	0.5	9
47	Pro-Optimizer: A Novel Web-Enabled Optimization Engine for Microbial Fermentations. Biotechnology and Biotechnological Equipment, 2010, 24, 2137-2141.	0.5	4
48	Improving the quality of agro-wastes by solid-state fermentation: enhanced antioxidant activities and nutritional qualities. World Journal of Microbiology and Biotechnology, 2008, 24, 2369-2374.	1.7	98
49	Rhizopus stolonifer LAU 07: a novel source of fructosyltransferase. Chemical Papers, 2008, 62, .	1.0	20
50	Intelligent modelling of fermentable sugar concentration and combined severity factor (CSF) index from pretreated starch-based lignocellulosic biomass. Biomass Conversion and Biorefinery, 0, , .	2.9	4