

Anita Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7930143/publications.pdf>

Version: 2024-02-01

28
papers

1,069
citations

393982

19
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced saccharification of rice straw and hull by microwave alkali pretreatment and lignocellulolytic enzyme production. <i>Bioresource Technology</i> , 2011, 102, 1773-1782.	4.8	121
2	Ethanol from lignocellulosic biomass: An in-depth analysis of pre-treatment methods, fermentation approaches and detoxification processes. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105798.	3.3	92
3	Comparative study on ethanol production from pretreated sugarcane bagasse using immobilized <i>Saccharomyces cerevisiae</i> on various matrices. <i>Renewable Energy</i> , 2013, 50, 488-493.	4.3	82
4	Enzymatic hydrolysis optimization of microwave alkali pretreated wheat straw and ethanol production by yeast. <i>Bioresource Technology</i> , 2012, 108, 94-101.	4.8	78
5	Lignocellulosic Biomass Valorization for Bioethanol Production: a Circular Bioeconomy Approach. <i>Bioenergy Research</i> , 2022, 15, 1820-1841.	2.2	78
6	Enzymatic hydrolysis of microwave alkali pretreated rice husk for ethanol production by <i>Saccharomyces cerevisiae</i> , <i>Scheffersomyces stipitis</i> and their co-culture. <i>Fuel</i> , 2014, 116, 699-702.	3.4	72
7	Biosorption of Cu (II) using free and immobilized biomass of <i>Penicillium citrinum</i> . <i>Ecological Engineering</i> , 2013, 61, 486-490.	1.6	64
8	An overview on the recent developments in fungal cellulase production and their industrial applications. <i>Bioresource Technology Reports</i> , 2021, 14, 100652.	1.5	59
9	Comparative study of various pretreatment techniques for ethanol production from water hyacinth. <i>Industrial Crops and Products</i> , 2013, 44, 283-289.	2.5	55
10	Optimization of ethanol production from microwave alkali pretreated rice straw using statistical experimental designs by <i>Saccharomyces cerevisiae</i> . <i>Industrial Crops and Products</i> , 2012, 37, 334-341.	2.5	46
11	Ethanol production from pretreated wheat straw hydrolyzate by <i>Saccharomyces cerevisiae</i> via sequential statistical optimization. <i>Industrial Crops and Products</i> , 2013, 41, 221-226.	2.5	42
12	Optimization of enzymatic hydrolysis of pretreated rice straw and ethanol production. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1785-1793.	1.7	40
13	Laccase production by <i>Aspergillus heteromorphus</i> using distillery spent wash and lignocellulosic biomass. <i>Journal of Hazardous Materials</i> , 2010, 176, 1079-1082.	6.5	33
14	Physico-chemical pretreatment and enzymatic hydrolysis of cotton stalk for ethanol production by <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2017, 244, 71-77.	4.8	31
15	Exploration of low-cost agro-industrial waste substrate for cellulase and xylanase production using <i>Aspergillus heteromorphus</i> . <i>Applied Water Science</i> , 2020, 10, 1.	2.8	26
16	Removal of aromatic inhibitors produced from lignocellulosic hydrolysates by <i>Acinetobacter baylyi</i> ADP1 with formation of ethanol by <i>Kluyveromyces marxianus</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 91.	6.2	25
17	COVID-19 and waste management in Indian scenario: challenges and possible solutions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 52702-52723.	2.7	25
18	Biogenic sulfides for sequestration of Cr (VI), COD and sulfate from synthetic wastewater. <i>Water Science</i> , 2015, 29, 19-25.	0.5	23

#	ARTICLE	IF	CITATIONS
19	Evaluation and statistical optimization of methane oxidation using rice husk amended dumpsite soil as biocover. <i>Waste Management</i> , 2016, 53, 136-143.	3.7	20
20	Malachite green dye decolorization on immobilized dead yeast cells employing sequential design of experiments. <i>Ecological Engineering</i> , 2012, 47, 291-296.	1.6	18
21	Nanomaterial in liquid biofuel production: applications and current status. <i>Environmental Sustainability</i> , 2021, 4, 343-353.	1.4	13
22	Adding value to agro-industrial waste for cellulase and xylanase production via solid-state bioconversion. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7481-7490.	2.9	7
23	Statistical screening and optimization of process variables for xylanase production utilizing alkali-pretreated rice husk. <i>Annals of Microbiology</i> , 2013, 63, 353-361.	1.1	5
24	Evaluation of cellulase production from <i>Aspergillus niger</i> and <i>Aspergillus heteromorphus</i> under submerged and solid-state fermentation. <i>Environmental Sustainability</i> , 2021, 4, 437-442.	1.4	5
25	Suitability assessment of dumpsite soil biocover to reduce methane emission from landfills under interactive influence of nutrients. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1519-1532.	2.7	4
26	Statistical assessment of dumpsite soil suitability to enhance methane bio-oxidation under interactive influence of substrates and temperature. <i>Waste Management</i> , 2017, 63, 188-195.	3.7	3
27	An In-Depth Evaluation of Feedstock, Production Process, Catalyst for Biodiesel Production. <i>Energy, Environment, and Sustainability</i> , 2022, , 515-533.	0.6	2
28	Editorial: Thematic issue "Bio-based materials for biorefineries: innovative processes and concepts". <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	0