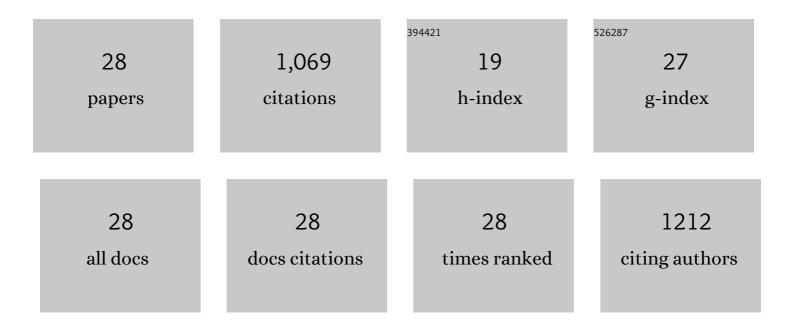
Anita Singh

List of Publications by Year in descending order

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ΔΝΙΤΛ SINCH

#	Article	lF	CITATIONS
1	Enhanced saccharification of rice straw and hull by microwave–alkali pretreatment and lignocellulolytic enzyme production. Bioresource Technology, 2011, 102, 1773-1782.	9.6	121
2	Ethanol from lignocellulosic biomass: An in-depth analysis of pre-treatment methods, fermentation approaches and detoxification processes. Journal of Environmental Chemical Engineering, 2021, 9, 105798.	6.7	92
3	Comparative study on ethanol production from pretreated sugarcane bagasse using immobilized Saccharomyces cerevisiae on various matrices. Renewable Energy, 2013, 50, 488-493.	8.9	82
4	Enzymatic hydrolysis optimization of microwave alkali pretreated wheat straw and ethanol production by yeast. Bioresource Technology, 2012, 108, 94-101.	9.6	78
5	Lignocellulosic Biomass Valorization for Bioethanol Production: a Circular Bioeconomy Approach. Bioenergy Research, 2022, 15, 1820-1841.	3.9	78
6	Enzymatic hydrolysis of microwave alkali pretreated rice husk for ethanol production by Saccharomyces cerevisiae, Scheffersomyces stipitis and their co-culture. Fuel, 2014, 116, 699-702.	6.4	72
7	Biosorption of Cu (II) using free and immobilized biomass of Penicillium citrinum. Ecological Engineering, 2013, 61, 486-490.	3.6	64
8	An overview on the recent developments in fungal cellulase production and their industrial applications. Bioresource Technology Reports, 2021, 14, 100652.	2.7	59
9	Comparative study of various pretreatment techniques for ethanol production from water hyacinth. Industrial Crops and Products, 2013, 44, 283-289.	5.2	55
10	Optimization of ethanol production from microwave alkali pretreated rice straw using statistical experimental designs by Saccharomyces cerevisiae. Industrial Crops and Products, 2012, 37, 334-341.	5.2	46
11	Ethanol production from pretreated wheat straw hydrolyzate by Saccharomyces cerevisiae via sequential statistical optimization. Industrial Crops and Products, 2013, 41, 221-226.	5.2	42
12	Optimization of enzymatic hydrolysis of pretreated rice straw and ethanol production. Applied Microbiology and Biotechnology, 2012, 93, 1785-1793.	3.6	40
13	Laccase production by Aspergillus heteromorphus using distillery spent wash and lignocellulosic biomass. Journal of Hazardous Materials, 2010, 176, 1079-1082.	12.4	33
14	Physico-chemical pretreatment and enzymatic hydrolysis of cotton stalk for ethanol production by Saccharomyces cerevisiae. Bioresource Technology, 2017, 244, 71-77.	9.6	31
15	Exploration of low-cost agro-industrial waste substrate for cellulase and xylanase production using Aspergillus heteromorphus. Applied Water Science, 2020, 10, 1.	5.6	26
16	Removal of aromatic inhibitors produced from lignocellulosic hydrolysates by Acinetobacter baylyi ADP1 with formation of ethanol by Kluyveromyces marxianus. Biotechnology for Biofuels, 2019, 12, 91.	6.2	25
17	COVID-19 and waste management in Indian scenario: challenges and possible solutions. Environmental Science and Pollution Research, 2021, 28, 52702-52723.	5.3	25
18	Biogenic sulfides for sequestration of Cr (VI), COD and sulfate from synthetic wastewater. Water Science, 2015, 29, 19-25.	1.6	23

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#	Article	IF	CITATIONS
19	Evaluation and statistical optimization of methane oxidation using rice husk amended dumpsite soil as biocover. Waste Management, 2016, 53, 136-143.	7.4	20
20	Malachite green dye decolorization on immobilized dead yeast cells employing sequential design of experiments. Ecological Engineering, 2012, 47, 291-296.	3.6	18
21	Nanomaterial in liquid biofuel production: applications and current status. Environmental Sustainability, 2021, 4, 343-353.	2.8	13
22	Adding value to agro-industrial waste for cellulase and xylanase production via solid-state bioconversion. Biomass Conversion and Biorefinery, 2023, 13, 7481-7490.	4.6	7
23	Statistical screening and optimization of process variables for xylanase production utilizing alkali-pretreated rice husk. Annals of Microbiology, 2013, 63, 353-361.	2.6	5
24	Evaluation of cellulase production from Aspergillus niger and Aspergillus heteromorphus under submerged and solidâ€state fermentation. Environmental Sustainability, 2021, 4, 437-442.	2.8	5
25	Suitability assessment of dumpsite soil biocover to reduce methane emission from landfills under interactive influence of nutrients. Environmental Science and Pollution Research, 2021, 28, 1519-1532.	5.3	4
26	Statistical assessment of dumpsite soil suitability to enhance methane bio-oxidation under interactive influence of substrates and temperature. Waste Management, 2017, 63, 188-195.	7.4	3
27	An In-Depth Evaluation of Feedstock, Production Process, Catalyst for Biodiesel Production. Energy, Environment, and Sustainability, 2022, , 515-533.	1.0	2
28	Editorial: Thematic issue "Bio-based materials for biorefineries: innovative processes and concepts― Biomass Conversion and Biorefinery, 0, , 1.	4.6	0