Susan Grace Karp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1195620/publications.pdf

Version: 2024-02-01

60 papers	2,597 citations	304368 22 h-index	276539 41 g-index
62 all docs	62 docs citations	62 times ranked	3451 citing authors

#	Article	IF	Citations
1	Bioethanol from lignocelluloses: Status and perspectives in Brazil. Bioresource Technology, 2010, 101, 4820-4825.	4.8	326
2	Recent developments and innovations in solid state fermentation. Biotechnology Research and Innovation, 2017, 1, 52-71.	0.3	311
3	Lignocellulosic biomass: Acid and alkaline pretreatments and their effects on biomass recalcitrance â€“ Conventional processing and recent advances. Bioresource Technology, 2020, 304, 122848.	4.8	220
4	Genome of Herbaspirillum seropedicae Strain SmR1, a Specialized Diazotrophic Endophyte of Tropical Grasses. PLoS Genetics, 2011, 7, e1002064.	1.5	188
5	Production of bio-ethanol from soybean molasses by Saccharomyces cerevisiae at laboratory, pilot and industrial scales. Bioresource Technology, 2008, 99, 8156-8163.	4.8	143
6	Pretreatment strategies for delignification of sugarcane bagasse: a review. Brazilian Archives of Biology and Technology, 2013, 56, 679-689.	0.5	115
7	Batch Fermentation Model of Propionic Acid Production by Propionibacterium acidipropionici in Different Carbon Sources. Applied Biochemistry and Biotechnology, 2008, 151, 333-341.	1.4	99
8	A Review of Selection Criteria for Starter Culture Development in the Food Fermentation Industry. Food Reviews International, 2020, 36, 135-167.	4.3	89
9	Characterization of laccase isoforms produced by Pleurotus ostreatus in solid state fermentation of sugarcane bagasse. Bioresource Technology, 2012, 114, 735-739.	4.8	80
10	Chemical composition and health properties of coffee and coffee by-products. Advances in Food and Nutrition Research, 2020, 91, 65-96.	1.5	68
11	Application of the biorefinery concept to produce l-lactic acid from the soybean vinasse at laboratory and pilot scale. Bioresource Technology, 2011, 102, 1765-1772.	4.8	61
12	Statistical Optimization of Laccase Production and Delignification of Sugarcane Bagasse byPleurotus ostreatusin Solid-State Fermentation. BioMed Research International, 2015, 2015, 1-8.	0.9	58
13	Improvement of Sporobolomyces ruberrimus carotenoids production by the use of raw glycerol. Bioresource Technology, 2016, 200, 374-379.	4.8	52
14	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. Biofuels, Bioproducts and Biorefining, 2021, 15, 899-912.	1.9	47
15	Beyond sugar and ethanol: The future of sugarcane biorefineries in Brazil. Renewable and Sustainable Energy Reviews, 2022, 167, 112721.	8.2	44
16	Ethanol production from soybean molasses by Zymomonas mobilis. Biomass and Bioenergy, 2012, 44, 80-86.	2.9	41
17	Lignocellulosic biomass from agroâ€industrial residues in South America: current developments and perspectives. Biofuels, Bioproducts and Biorefining, 2019, 13, 1505-1519.	1.9	40
18	Current analysis and future perspective of reduction in worldwide greenhouse gases emissions by using first and second generation bioethanol in the transportation sector. Bioresource Technology Reports, 2019, 7, 100234.	1.5	40

#	Article	IF	Citations
19	Bacillus subtilis natto as a potential probiotic in animal nutrition. Critical Reviews in Biotechnology, 2021, 41, 355-369.	5.1	39
20	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. Systems Microbiology and Biomanufacturing, 2021, 1, 142-165.	1.5	38
21	Agro-industrial wastewater in a circular economy: Characteristics, impacts and applications for bioenergy and biochemicals. Bioresource Technology, 2021, 341, 125795.	4.8	37
22	Biotechnological Production of Carotenoids and Their Applications in Food and Pharmaceutical Products. , 0, , .		33
23	Lignocellulosic Bioethanol. , 2011, , 101-122.		30
24	Current developments and challenges of green technologies for the valorization of liquid, solid, and gaseous wastes from sugarcane ethanol production. Journal of Hazardous Materials, 2021, 404, 124059.	6.5	30
25	Evaluation of laccase production by Ganoderma lucidum in submerged and solidâ€state fermentation using different inducers. Journal of Basic Microbiology, 2019, 59, 784-791.	1.8	27
26	Solid-State Fermentation for the Production of Organic Acids. , 2018, , 415-434.		24
27	Influence of airflow intensity on phytase production by solid-state fermentation. Bioresource Technology, 2012, 118, 603-606.	4.8	23
28	Soybean hulls as carbohydrate feedstock for medium to high-value biomolecule production in biorefineries: A review. Bioresource Technology, 2021, 339, 125594.	4.8	23
29	Microalgal biorefineries: Integrated use of liquid and gaseous effluents from bioethanol industry for efficient biomass production. Bioresource Technology, 2019, 292, 121955.	4.8	22
30	Technological mapping and trends in photobioreactors for the production of microalgae. World Journal of Microbiology and Biotechnology, 2020, 36, 42.	1.7	22
31	Utilization of soybean vinasse for Î±-galactosidase production. Food Research International, 2009, 42, 476-483.	2.9	21
32	A review on enzyme-producing lactobacilli associated with the human digestive process: From metabolism to application. Enzyme and Microbial Technology, 2021, 149, 109836.	1.6	21
33	Lignocellulosic Bioethanol: Current Status and Future Perspectives. , 2019, , 331-354.		20
34	Recent Advances in Vaccines Against Leishmania Based on Patent Applications. Recent Patents on Biotechnology, 2017, 12, 21-32.	0.4	18
35	Modelling antagonic effect of lactic acid eacteria supernatants on some pathogenic bacteria. Brazilian Archives of Biology and Technology, 2009, 52, 29-36.	0.5	17
36	Designing enzyme cocktails from Penicillium and Aspergillus species for the enhanced saccharification of agro-industrial wastes. Bioresource Technology, 2021, 330, 124888.	4.8	15

#	Article	IF	Citations
37	Solid-State Fermentation for the Production of Mushrooms. , 2018, , 285-318.		12
38	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10
39	Peroxidases. , 2017, , 217-232.		10
40	Influence of organic solvents in the extraction and purification of torularhodin from Sporobolomyces ruberrimus. Biotechnology Letters, 2021, 43, 89-98.	1.1	9
41	Sugarcane: A Promising Source of Green Carbon in the Circular Bioeconomy. Sugar Tech, 2022, 24, 1230-1245.	0.9	8
42	Effect of Novel Penicillium verruculosum Enzyme Preparations on the Saccharification of Acid- and Alkali-Pretreated Agro-Industrial Residues. Agronomy, 2020, 10, 1348.	1.3	7
43	Enzyme Technology in Food Processing: Recent Developments and Future Prospects. , 2021, , 191-215.		7
44	Materiais lignocelulÃ³sicos como matÃ©ria-prima para a obtenÃ§Ã£o de biomolÃ©culas de valor comercial. , 2017, , 283-314.		6
45	Bioethanol from Soybean Molasses. Green Energy and Technology, 2016, , 241-254.	0.4	5
46	Laccases. , 2017, , 199-216.		5
47	Production of biofuels from algae biomass by fast pyrolysis. , 2019, , 461-473.		5
48	Bioprospecting lipid-producing microorganisms: From metagenomic-assisted isolation techniques to industrial application and innovations. Bioresource Technology, 2022, 346, 126455.	4.8	5
49	Roles and impacts of bioethanol and biodiesel on climate change mitigation. , 2022, , 373-400.		5
50	Process parameters optimization to produce the recombinant protein CFP10 for the diagnosis of tuberculosis. Protein Expression and Purification, 2019, 154, 118-125.	0.6	4
51	Digestive Enzymes: Industrial Applications in Food Products. Energy, Environment, and Sustainability, 2019, , 267-291.	0.6	3
52	Lignocellulosic Biorefinery for Value-Added Products: The Emerging Bioeconomy. , 2021, , 291-321.		3
53	Valorization of solid and liquid wastes from palm oil industry. , 2021, , 235-265.		3
54	Sugarcane Biorefineries: Status and Perspectives in Bioeconomy. Bioenergy Research, 2022, 15, 1842-1853.	2.2	3

#	Article	IF	Citations
55	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes. , 2014, , 29-49.		1
56	Recovery of recombinant proteins CFP10 and ESAT6 from Escherichia coli inclusion bodies for tuberculosis diagnosis: a statistical optimization approach. Biotechnology Research and Innovation, 2019, 3, 298-305.	0.3	1
57	Enzymatic bioremediation. , 2022, , 355-381.		1
58	Formulation and Validation of Recombinant Antigens CFP10 and ESAT6 for Tuberculosis Diagnosis. Brazilian Archives of Biology and Technology, 2021, 64, .	0.5	0
59	Forest biotechnology: economic aspects and conservation implications. Journal of Biotechnology and Biodiversity, 2021, 9, 107-117.	0.1	0
60	Integrated processing of soybean in a circular bioeconomy. , 2022, , 189-216.		0