

# Susan Grace Karp

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

1,740  
citations

19  
h-index

41  
g-index

62  
ext. papers

2,107  
ext. citations

6.4  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
58	Roles and impacts of bioethanol and biodiesel on climate change mitigation <b>2022</b> , 373-400		2
57	Integrated processing of soybean in a circular bioeconomy <b>2022</b> , 189-216		
56	Enzymatic bioremediation <b>2022</b> , 355-381		
55	Bioprospecting lipid-producing microorganisms: From metagenomic-assisted isolation techniques to industrial application and innovations. <i>Bioresource Technology</i> , <b>2021</b> , 346, 126455	11	1
54	Designing enzyme cocktails from <i>Penicillium</i> and <i>Aspergillus</i> species for the enhanced saccharification of agro-industrial wastes. <i>Bioresource Technology</i> , <b>2021</b> , 330, 124888	11	4
53	Enzyme Technology in Food Processing: Recent Developments and Future Prospects <b>2021</b> , 191-215		4
52	Current developments and challenges of green technologies for the valorization of liquid, solid, and gaseous wastes from sugarcane ethanol production. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124059 <sup>12,8</sup>		17
51	Influence of organic solvents in the extraction and purification of torularhodin from <i>Sporobolomyces ruberrimus</i> . <i>Biotechnology Letters</i> , <b>2021</b> , 43, 89-98	3	2
50	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. <i>Systems Microbiology and Biomanufacturing</i> , <b>2021</b> , 1, 142-165		15
49	Lignocellulosic Biorefinery for Value-Added Products: The Emerging Bioeconomy <b>2021</b> , 291-321		1
48	Valorization of solid and liquid wastes from palm oil industry <b>2021</b> , 235-265		0
47	natto as a potential probiotic in animal nutrition. <i>Critical Reviews in Biotechnology</i> , <b>2021</b> , 41, 355-369	9.4	9
46	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2021</b> , 15, 899-912	5.3	15
45	A review on enzyme-producing lactobacilli associated with the human digestive process: From metabolism to application. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 149, 109836	3.8	3
44	Soybean hulls as carbohydrate feedstock for medium to high-value biomolecule production in biorefineries: A review. <i>Bioresource Technology</i> , <b>2021</b> , 339, 125594	11	6
43	Agro-industrial wastewater in a circular economy: Characteristics, impacts and applications for bioenergy and biochemicals. <i>Bioresource Technology</i> , <b>2021</b> , 341, 125795	11	4
42	Technological mapping and trends in photobioreactors for the production of microalgae. <i>World Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 36, 42	4.4	16

41	Chemical composition and health properties of coffee and coffee by-products. <i>Advances in Food and Nutrition Research</i> , <b>2020</b> , 91, 65-96	6	25
40	Lignocellulosic biomass: Acid and alkaline pretreatments and their effects on biomass recalcitrance - Conventional processing and recent advances. <i>Bioresource Technology</i> , <b>2020</b> , 304, 122848	11	106
39	Effect of Novel <i>Penicillium verruculosum</i> Enzyme Preparations on the Saccharification of Acid- and Alkali-Pretreated Agro-Industrial Residues. <i>Agronomy</i> , <b>2020</b> , 10, 1348	3.6	1
38	A Review of Selection Criteria for Starter Culture Development in the Food Fermentation Industry. <i>Food Reviews International</i> , <b>2020</b> , 36, 135-167	5.5	43
37	Bioactive Polysaccharides Produced by Microorganisms: Production and Applications <b>2019</b> , 231-251		1
36	Current analysis and future perspective of reduction in worldwide greenhouse gases emissions by using first and second generation bioethanol in the transportation sector. <i>Bioresource Technology Reports</i> , <b>2019</b> , 7, 100234	4.1	26
35	Microalgal biorefineries: Integrated use of liquid and gaseous effluents from bioethanol industry for efficient biomass production. <i>Bioresource Technology</i> , <b>2019</b> , 292, 121955	11	11
34	Lignocellulosic Bioethanol: Current Status and Future Perspectives <b>2019</b> , 331-354		16
33	Evaluation of laccase production by <i>Ganoderma lucidum</i> in submerged and solid-state fermentation using different inducers. <i>Journal of Basic Microbiology</i> , <b>2019</b> , 59, 784-791	2.7	11
32	Lignocellulosic biomass from agro-industrial residues in South America: current developments and perspectives. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2019</b> , 13, 1505-1519	5.3	27
31	Recovery of recombinant proteins CFP10 and ESAT6 from <i>Escherichia coli</i> inclusion bodies for tuberculosis diagnosis: a statistical optimization approach. <i>Biotechnology Research and Innovation</i> , <b>2019</b> , 3, 298-305	10.1	1
30	Production of biofuels from algae biomass by fast pyrolysis <b>2019</b> , 461-473		4
29	Digestive Enzymes: Industrial Applications in Food Products. <i>Energy, Environment, and Sustainability</i> , <b>2019</b> , 267-291	0.8	2
28	Process parameters optimization to produce the recombinant protein CFP10 for the diagnosis of tuberculosis. <i>Protein Expression and Purification</i> , <b>2019</b> , 154, 118-125	2	3
27	Solid-State Fermentation for the Production of Mushrooms <b>2018</b> , 285-318		7
26	Solid-State Fermentation for the Production of Organic Acids <b>2018</b> , 415-434		16
25	Recent Advances in Vaccines Against <i>Leishmania</i> Based on Patent Applications. <i>Recent Patents on Biotechnology</i> , <b>2018</b> , 12, 21-32	2.2	17
24	Microbial Metabolic Pathways in the Production of Valued-added Products <b>2018</b> , 137-167		1

23	Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , <b>2017</b> , 1, 52-71	10.1	232
22	Peroxidases <b>2017</b> , 217-232		8
21	Biotechnological Production of Carotenoids and Their Applications in Food and Pharmaceutical Products <b>2017</b> ,		18
20	Laccases <b>2017</b> , 199-216		4
19	Materiais lignocelulósicos como matéria-prima para a obtenção de biomoléculas de valor comercial <b>2017</b> , 283-314		2
18	Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , <b>2016</b> , 241-254	0.6	4
17	Improvement of <i>Sporobolomyces ruberrimus</i> carotenoids production by the use of raw glycerol. <i>Bioresource Technology</i> , <b>2016</b> , 200, 374-9	11	34
16	Statistical Optimization of Laccase Production and Delignification of Sugarcane Bagasse by <i>Pleurotus ostreatus</i> in Solid-State Fermentation. <i>BioMed Research International</i> , <b>2015</b> , 2015, 181204	3	48
15	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes <b>2014</b> , 29-49		0
14	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems <b>2013</b> , 39-64		7
13	Pretreatment strategies for delignification of sugarcane bagasse: a review. <i>Brazilian Archives of Biology and Technology</i> , <b>2013</b> , 56, 679-689	1.8	84
12	Characterization of laccase isoforms produced by <i>Pleurotus ostreatus</i> in solid state fermentation of sugarcane bagasse. <i>Bioresource Technology</i> , <b>2012</b> , 114, 735-9	11	70
11	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , <b>2012</b> , 44, 80-86	5.3	34
10	Influence of airflow intensity on phytase production by solid-state fermentation. <i>Bioresource Technology</i> , <b>2012</b> , 118, 603-6	11	22
9	Lignocellulosic Bioethanol: Current Status and Future Perspectives <b>2011</b> , 101-122		25
8	Application of the biorefinery concept to produce L-lactic acid from the soybean vinasse at laboratory and pilot scale. <i>Bioresource Technology</i> , <b>2011</b> , 102, 1765-72	11	54
7	Genome of <i>Herbaspirillum seropedicae</i> strain SmR1, a specialized diazotrophic endophyte of tropical grasses. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002064	6	151
6	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , <b>2010</b> , 101, 4820-5	11	282

5	Modelling antagonistic effect of lactic acid bacteria supernatants on some pathogenic bacteria. <i>Brazilian Archives of Biology and Technology</i> , <b>2009</b> , 52, 29-36	1.8	13
4	Utilization of soybean vinasse for $\beta$ -galactosidase production. <i>Food Research International</i> , <b>2009</b> , 42, 476-483	7	19
3	Batch fermentation model of propionic acid production by <i>Propionibacterium acidipropionici</i> in different carbon sources. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 151, 333-41	3.2	89
2	Production of bio-ethanol from soybean molasses by <i>Saccharomyces cerevisiae</i> at laboratory, pilot and industrial scales. <i>Bioresource Technology</i> , <b>2008</b> , 99, 8156-63	11	121
1	Sugarcane Biorefineries: Status and Perspectives in Bioeconomy. <i>Bioenergy Research</i> , 1	3.1	0