

# Leipeng Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3241361/publications.pdf>

Version: 2024-02-01

24  
papers

612  
citations

686830

13  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	New progress of ammonia recovery during ammonia nitrogen removal from various wastewaters. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 144.	1.7	78
2	Nutrient removal from digested swine wastewater by combining ammonia stripping with struvite precipitation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6725-6734.	2.7	61
3	Characterization of additional zinc ions on the growth, biochemical composition and photosynthetic performance from <i>Spirulina platensis</i> . <i>Bioresource Technology</i> , 2018, 269, 285-291.	4.8	59
4	Effect of chlortetracycline on the growth and intracellular components of <i>Spirulina platensis</i> and its biodegradation pathway. <i>Journal of Hazardous Materials</i> , 2021, 413, 125310.	6.5	53
5	Catalytic co-pyrolysis of waste vegetable oil and high density polyethylene for hydrocarbon fuel production. <i>Waste Management</i> , 2017, 61, 276-282.	3.7	49
6	Effect of combining adsorption-stripping treatment with acidification on the growth of <i>Chlorella vulgaris</i> and nutrient removal from swine wastewater. <i>Bioresource Technology</i> , 2018, 263, 10-16.	4.8	49
7	Enhancement of nutrients removal and biomass accumulation of <i>Chlorella vulgaris</i> in pig manure anaerobic digestate effluent by the pretreatment of indigenous bacteria. <i>Bioresource Technology</i> , 2021, 328, 124846.	4.8	42
8	Preparation and characteristics of bentonite-zeolite adsorbent and its application in swine wastewater. <i>Bioresource Technology</i> , 2019, 284, 448-455.	4.8	26
9	Effects of temperature and inoculation ratio on methane production and nutrient solubility of swine manure anaerobic digestion. <i>Bioresource Technology</i> , 2020, 299, 122552.	4.8	23
10	Effect of acclimatized paddy soil microorganisms using swine wastewater on degradation of rice straw. <i>Bioresource Technology</i> , 2021, 332, 125039.	4.8	22
11	Evaluation of ammonia recovery from swine wastewater via a innovative spraying technology. <i>Bioresource Technology</i> , 2019, 272, 235-240.	4.8	21
12	Effects of Freshness on the Cook Loss and Shrinkage of Grass Carp ( <i>Ctenopharyngodon</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 2297-2306.	1.3	19
13	Heterotrophic cultivation of <i>Chlorella vulgaris</i> using broken rice hydrolysate as carbon source for biomass and pigment production. <i>Bioresource Technology</i> , 2021, 323, 124607.	4.8	15
14	Industrially Produced Rice Protein Ameliorates Dextran Sulfate Sodium-Induced Colitis via Protecting the Intestinal Barrier, Mitigating Oxidative Stress, and Regulating Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4952-4965.	2.4	13
15	Effects of Culture Conditions on the Performance of <i>Arthrospira platensis</i> and Its Production of Exopolysaccharides. <i>Foods</i> , 2022, 11, 2020.	1.9	13
16	Feasibility of using pretreated swine wastewater for production of water spinach ( <i>Ipomoea aquatic</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 2297-2306.	2.4	12
17	Oligosaccharide preparation from microwave-ethanol pretreated <i>Camellia oleifera</i> seed shell by enzymolysis of <i>Agroclybe aegerita</i> . <i>Industrial Crops and Products</i> , 2021, 161, 113155.	2.5	12
18	Improving the efficiency of anaerobic digestion: Domesticated paddy soil microbes enhance the hydrolytic acidification of rice straw and pig manure. <i>Bioresource Technology</i> , 2022, 345, 126570.	4.8	12

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19	Multiple hydrolyses of rice straw by domesticated paddy soil microbes for methane production via liquid anaerobic digestion. <i>Bioresource Technology</i> , 2022, 354, 127184.	4.8	8
20	Bamboo ( <i>Phyllostachys pubescens</i> ) as a Natural Support for Neutral Protease Immobilization. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 109-121.	1.4	7
21	Assessment of Potential Nitrite Safety Risk of Leafy Vegetables after Domestic Cooking. <i>Foods</i> , 2021, 10, 2953.	1.9	5
22	Feasibility of pomelo peel dietary fiber as natural functional emulsifier for preparation of Pickering-type emulsion. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 4491-4499.	1.7	5
23	Rapid and nondestructive determination of qualities in vacuum-packaged catfish ( <i>Clarias leather</i> ) fillets during slurry ice storage. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15262.	0.9	4
24	Effects of different conditions tested <i>in vitro</i> on the phosphorus runoff potential of livestock manure. <i>Waste Management</i> , 2022, 147, 30-35.	3.7	2