Leipeng Cao

List of Publications by Year
in descending order

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	Improving the efficiency of anaerobic digestion: Domesticated paddy soil microbes enhance the hydrolytic acidification of rice straw and pig manure. Bioresource Technology, 2022, 345, 126570.	4.8	12
2	Feasibility of pomelo peel dietary fiber as natural functional emulsifier for preparation of <scp>Pickering</scp>â€type emulsion. Journal of the Science of Food and Agriculture, 2022, 102, 4491-4499.	1.7	5
3	Multiple hydrolyses of rice straw by domesticated paddy soil microbes for methane production via liquid anaerobic digestion. Bioresource Technology, 2022, 354, 127184.	4.8	8
4	Industrially Produced Rice Protein Ameliorates Dextran Sulfate Sodium-Induced Colitis via Protecting the Intestinal Barrier, Mitigating Oxidative Stress, and Regulating Gut Microbiota. Journal of Agricultural and Food Chemistry, 2022, 70, 4952-4965.	2.4	13
5	Effects of different conditions tested â€œin vitroâ€•on the phosphorus runoff potential of livestock manure. Waste Management, 2022, 147, 30-35.	3.7	2
6	Effects of Culture Conditions on the Performance of Arthrospira platensis and Its Production of Exopolysaccharides. Foods, 2022, 11, 2020.	1.9	13
7	Oligosaccharide preparation from microwave-ethanol pretreated Camellia oleifera seed shell by enzymolysis of Agrocybe aegerita. Industrial Crops and Products, 2021, 161, 113155.	2.5	12
8	Rapid and nondestructive determination of qualities in vacuumâ€packaged catfish (Clarias leather) fillets during slurry ice storage. Journal of Food Processing and Preservation, 2021, 45, e15262.	0.9	4
9	Heterotrophic cultivation of Chlorella vulgaris using broken rice hydrolysate as carbon source for biomass and pigment production. Bioresource Technology, 2021, 323, 124607.	4.8	15
10	Enhancement of nutrients removal and biomass accumulation of Chlorella vulgaris in pig manure anaerobic digestate effluent by the pretreatment of indigenous bacteria. Bioresource Technology, 2021, 328, 124846.	4.8	42
11	Effect of acclimatized paddy soil microorganisms using swine wastewater on degradation of rice straw. Bioresource Technology, 2021, 332, 125039.	4.8	22
12	Effect of chlortetracycline on the growth and intracellular components of Spirulina platensis and its biodegradation pathway. Journal of Hazardous Materials, 2021, 413, 125310.	6.5	53
13	Assessment of Potential Nitrite Safety Risk of Leafy Vegetables after Domestic Cooking. Foods, 2021, 10, 2953.	1.9	5
14	Effects of temperature and inoculation ratio on methane production and nutrient solubility of swine manure anaerobic digestion. Bioresource Technology, 2020, 299, 122552.	4.8	23
15	Feasibility of using pretreated swine wastewater for production of water spinach (Ipomoea aquatic) Tj ETQq1 1 0.784314 rgBT /Overlo	2.4	12
16	New progress of ammonia recovery during ammonia nitrogen removal from various wastewaters. World Journal of Microbiology and Biotechnology, 2020, 36, 144.	1.7	78
17	Preparation and characteristics of bentoniteâ€“zeolite adsorbent and its application in swine wastewater. Bioresource Technology, 2019, 284, 448-455.	4.8	26
18	Nutrient removal from digested swine wastewater by combining ammonia stripping with struvite precipitation. Environmental Science and Pollution Research, 2019, 26, 6725-6734.	2.7	61

#	Article	IF	Citations
19	Evaluation of ammonia recovery from swine wastewater via a innovative spraying technology. Bioresource Technology, 2019, 272, 235-240.	4.8	21
20	Bamboo (Phyllostachys pubescens) as a Natural Support for Neutral Protease Immobilization. Applied Biochemistry and Biotechnology, 2018, 186, 109-121.	1.4	7
21	Effect of combining adsorption-stripping treatment with acidification on the growth of Chlorella vulgaris and nutrient removal from swine wastewater. Bioresource Technology, 2018, 263, 10-16.	4.8	49
22	Characterization of additional zinc ions on the growth, biochemical composition and photosynthetic performance from Spirulina platensis. Bioresource Technology, 2018, 269, 285-291.	4.8	59
23	Catalytic co-pyrolysis of waste vegetable oil and high density polyethylene for hydrocarbon fuel production. Waste Management, 2017, 61, 276-282.	3.7	49
24	Effects of Freshness on the Cook Loss and Shrinkage of Grass Carp (<i>Ctenopharyngodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T 2297-2306.	1.3	19