

# Le Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

481  
citations

840119

11  
h-index

676716

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution patterns of functional microbial community in anaerobic digesters under different operational circumstances: A review. <i>Bioresource Technology</i> , 2021, 341, 125823.	4.8	70
2	Mechanisms of allicin exposure for the sludge fermentation enhancement: Focusing on the fermentation processes and microbial metabolic traits. <i>Journal of Environmental Sciences</i> , 2022, 115, 253-264.	3.2	69
3	MicroRNA-542-3p Suppresses Tumor Cell Invasion via Targeting AKT Pathway in Human Astrocytoma. <i>Journal of Biological Chemistry</i> , 2015, 290, 24678-24688.	1.6	49
4	New insights into different surfactants' impacts on sludge fermentation: Focusing on the particular metabolic processes and microbial genetic traits. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	3.3	39
5	Characterisation of microemulsion nanofilms based on Tilapia fish skin gelatine and ZnO nanoparticles incorporated with ginger essential oil: meat packaging application. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1670-1679.	1.3	36
6	Current status of hypochlorite technology on the wastewater treatment and sludge disposal: Performance, principals and prospects. <i>Science of the Total Environment</i> , 2022, 803, 150085.	3.9	35
7	Revealing the intrinsic drawbacks of waste activated sludge for efficient anaerobic digestion and the potential mitigation strategies. <i>Bioresource Technology</i> , 2022, 345, 126482.	4.8	25
8	IGFBP7 inhibits cell proliferation by suppressing AKT activity and cell cycle progression in thyroid carcinoma. <i>Cell and Bioscience</i> , 2019, 9, 44.	2.1	22
9	Metagenomic approach reveals the fates and mechanisms of antibiotic resistance genes exposed to allicins during waste activated sludge fermentation: Insight of the microbial community, cellular status and gene regulation. <i>Bioresource Technology</i> , 2021, 342, 125998.	4.8	22
10	Effects of persulfate treatment on the fates of antibiotic resistance genes in waste activated sludge fermentation process and the underlying mechanism. <i>Bioresource Technology</i> , 2022, 345, 126474.	4.8	19
11	Persulfate-based strategy for promoted acesulfame removal during sludge anaerobic fermentation: Combined chemical and biological effects. <i>Journal of Hazardous Materials</i> , 2022, 434, 128922.	6.5	16
12	<i>Lactobacillus plantarum</i> Combined with Galactooligosaccharides Supplement: A Neuroprotective Regimen Against Neurodegeneration and Memory Impairment by Regulating Short-Chain Fatty Acids and the c-Jun N-Terminal Kinase Signaling Pathway in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8619-8630.	2.4	15
13	Metagenomic assembly deciphered the type-dependent effects of surfactants on the fates of antibiotics resistance genes during sludge fermentation and the underlying mechanisms. <i>Science of the Total Environment</i> , 2022, 807, 150822.	3.9	11
14	Reduced-intensity conditioning allogeneic stem cell transplantation in malignant lymphoma: current status. <i>Cancer Biology and Medicine</i> , 2013, 10, 1-9.	1.4	11
15	Fabrication of acid-swollen collagen fiber-based composite films: Effect of nano-hydroxyapatite on packaging related properties. <i>International Journal of Food Properties</i> , 2017, 20, 968-978.	1.3	10
16	Reconstruction of meandering paleo-channels using dense well data, Daqing Oil Field, Songliao Basin, China. <i>Petroleum Science</i> , 2018, 15, 722-743.	2.4	9
17	The LncRNA RP11-279C4.1 Enhances the Malignant Behaviour of Glioma Cells and Glioma Stem-Like Cells by Regulating the miR-1273g-3p/CBX3 Axis. <i>Molecular Neurobiology</i> , 2021, 58, 3362-3373.	1.9	7
18	Biochemical Characterization of Two Rhamnogalacturonan Lyases From <i>Bacteroides ovatus</i> ATCC 8483 With Preference for RG-I Substrates. <i>Frontiers in Microbiology</i> , 2021, 12, 799875.	1.5	6

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19	Identification and characterization of circular RNAs in the A549 cells following Influenza A virus infection. <i>Veterinary Microbiology</i> , 2022, 267, 109390.	0.8	4
20	Insight Into an Outbreak of Canine Distemper Virus Infection in Masked Palm Civets in China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 728238.	0.9	3
21	A 45- to 57-GHz low-power amplifier in 90 nm bulk CMOS. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2874-2879.	0.9	2