

# Weijie Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

979  
citations

471509

17  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and characterization of an intracellular bioflocculant by <i>Chryseobacterium daeguense</i> W6 cultured in low nutrition medium. <i>Bioresource Technology</i> , 2010, 101, 1044-1048.	9.6	138
2	Characterization of bioflocculants from biologically aerated filter backwashed sludge and its application in dyeing wastewater treatment. <i>Bioresource Technology</i> , 2009, 100, 2629-2632.	9.6	84
3	Transformation of organic matters in animal wastes during composting. <i>Journal of Hazardous Materials</i> , 2015, 300, 745-753.	12.4	82
4	Two-Component Signal Transduction Systems: A Major Strategy for Connecting Input Stimuli to Biofilm Formation. <i>Frontiers in Microbiology</i> , 2018, 9, 3279.	3.5	68
5	Simultaneous decolorization of sulfonated azo dyes and reduction of hexavalent chromium under high salt condition by a newly isolated salt-tolerant strain <i>Bacillus circulans</i> BWL1061. <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 9-16.	6.0	63
6	Methylene blue enhances the anaerobic decolorization and detoxication of azo dye by <i>Shewanella oneidensis</i> MR-1. <i>Biochemical Engineering Journal</i> , 2016, 110, 115-124.	3.6	58
7	Bioflocculant production from untreated corn stover using <i>Cellulosimicrobium cellulans</i> L804 isolate and its application to harvesting microalgae. <i>Biotechnology for Biofuels</i> , 2015, 8, 170.	6.2	52
8	The Regulation of Bacterial Biofilm Formation by cAMP-CRP: A Mini-Review. <i>Frontiers in Microbiology</i> , 2020, 11, 802.	3.5	50
9	Bioconversion of kitchen wastes into bioflocculant and its pilot-scale application in treating iron mineral processing wastewater. <i>Bioresource Technology</i> , 2019, 288, 121505.	9.6	46
10	Production of a bioflocculant from <i>Pseudomonas veronii</i> L918 using the hydrolyzate of peanut hull and its application in the treatment of ash-flushing wastewater generated from coal fired power plant. <i>Bioresource Technology</i> , 2016, 218, 318-325.	9.6	45
11	Valorization of untreated rice bran towards bioflocculant using a lignocellulose-degrading strain and its use in microalgal biomass harvest. <i>Biotechnology for Biofuels</i> , 2017, 10, 90.	6.2	41
12	Connecting Metabolic Pathways: Sigma Factors in <i>Streptomyces</i> spp.. <i>Frontiers in Microbiology</i> , 2017, 8, 2546.	3.5	31
13	Aerobic decolorization and detoxification of Acid Scarlet GR by a newly isolated salt-tolerant yeast strain <i>Galactomyces geotrichum</i> GG. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104818.	3.9	31
14	Biosurfactant production from <i>Pseudomonas taiwanensis</i> L1011 and its application in accelerating the chemical and biological decolorization of azo dyes. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 8-15.	6.0	29
15	Decolorization and detoxification of water-insoluble Sudan dye by <i>Shewanella putrefaciens</i> CN32 co-cultured with <i>Bacillus circulans</i> BWL1061. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 11-17.	6.0	24
16	cAMP and c-di-GMP synergistically support biofilm maintenance through the direct interaction of their effectors. <i>Nature Communications</i> , 2022, 13, 1493.	12.8	24
17	The mechanism of kaolin clay flocculation by a cation-independent bioflocculant produced by <i>Chryseobacterium daeguense</i> W6. <i>AIMS Environmental Science</i> , 2015, 2, 169-179.	1.4	23
18	Sodium Lactate Negatively Regulates <i>Shewanella putrefaciens</i> CN32 Biofilm Formation via a Three-Component Regulatory System (LrbS-LrbA-LrbR). <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	16

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19	Production of bioflocculant using feather waste as nitrogen source and its use in recycling of straw ash-washing wastewater with low-density and high pH property. <i>Chemosphere</i> , 2020, 252, 126495.	8.2	15
20	Recent advances and perspectives in efforts to reduce the production and application cost of microbial flocculants. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	4.2	13
21	One-step fermentation for producing xylo-oligosaccharides from wheat bran by recombinant <i>Escherichia coli</i> containing an alkaline xylanase. <i>BMC Biotechnology</i> , 2022, 22, 6.	3.3	11
22	Carbohydrate-binding modules targeting branched polysaccharides: overcoming side-chain recalcitrance in a non-catalytic approach. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	4.2	10
23	Antibiotic resistance genes and bacterial community on the surfaces of five cultivars of fresh tomatoes. <i>Ecotoxicology</i> , 2021, 30, 1550-1558.	2.4	8
24	The Cyclic AMP Receptor Protein, Crp, Is Required for the Decolorization of Acid Yellow 36 in <i>Shewanella putrefaciens</i> CN32. <i>Frontiers in Microbiology</i> , 2020, 11, 596372.	3.5	6
25	Fnr Negatively Regulates Prodigiosin Synthesis in <i>Serratia</i> sp. ATCC 39006 During Aerobic Fermentation. <i>Frontiers in Microbiology</i> , 2021, 12, 734854.	3.5	5
26	Biopolymeric flocculant extracted from potato residues using alkaline extraction method and its application in removing coal fly ash from ash-flushing wastewater generated from coal fired power plant. <i>AIMS Environmental Science</i> , 2017, 4, 27-41.	1.4	2
27	Application of the biosurfactant produced by <i>Bacillus velezensis</i> MMB 51 as an efficient synergist of sweet potato foliar fertilizer. <i>Journal of Surfactants and Detergents</i> , 0, , .	2.1	2
28	Complete Genome Sequence of a Novel Bioflocculant-Producing Strain, <i>Microbacterium paludicola</i> CC3. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
29	Organic hydroperoxide induces prodigiosin biosynthesis in <i>Serratia</i> sp. ATCC 39006 in an OhrR-dependent manner. <i>Applied and Environmental Microbiology</i> , 2022, , AEM0204121.	3.1	1