

Liang Tan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneously enhanced treatment efficiency of simulated hypersaline azo dye wastewater and membrane antifouling by a novel static magnetic field membrane bioreactor (SMFMBR). <i>Science of the Total Environment</i> , 2022, 821, 153452.	8.0	20
2	Efficient decolorization and detoxification of azo dyes by a halotolerant yeast <i>Meyerozyma guilliermondii</i> A3 with relatively low external carbon source. <i>Journal of Water Process Engineering</i> , 2022, 47, 102810.	5.6	5
3	Magnetically stimulated azo dye biodegradation by a newly isolated osmo-tolerant <i>Candida tropicalis</i> A1 and transcriptomic responses. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111791.	6.0	19
4	Enhanced azo dye biodegradation performance and halotolerance of <i>Candida tropicalis</i> SYF-1 by static magnetic field (SMF). <i>Bioresource Technology</i> , 2020, 295, 122283.	9.6	28
5	Combined enhancement effects of static magnetic field (SMF) and a yeast <i>Candida tropicalis</i> SYF-1 on continuous treatment of Acid Red B by activated sludge under hypersaline conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 840-849.	3.2	8
6	Improving Azo Dye Decolorization Performance and Halotolerance of <i>Pichia occidentalis</i> A2 by Static Magnetic Field and Possible Mechanisms Through Comparative Transcriptome Analysis. <i>Frontiers in Microbiology</i> , 2020, 11, 712.	3.5	24
7	Enhanced activated sludge system by static magnetic field and two halotolerant yeasts for azo dye treatment. <i>Water Environment Research</i> , 2020, 92, 2095-2104.	2.7	5
8	Biodegradation and Detoxification of Azo Dyes by a Newly Isolated Halotolerant Yeast <i>Candida tropicalis</i> SYF-1. <i>Environmental Engineering Science</i> , 2019, 36, 999-1010.	1.6	18
9	Continuously Biodegrading High Concentration of Acid Red B Under Hypersaline Conditions in a Membrane Bioreactor Bioaugmented by a Halotolerant Yeast <i>Pichia occidentalis</i> G1 and Microbial Community Dynamics. <i>Environmental Engineering Science</i> , 2019, 36, 1412-1420.	1.6	6
10	Enhanced Biodecolorization Performance of Azo Dyes Under High-Salt Conditions by a Marine Microbial Community Exposed to Moderate-Intensity Static Magnetic Field. <i>Environmental Engineering Science</i> , 2019, 36, 186-196.	1.6	8
11	Degradation and detoxification of azo dyes by a salt-tolerant yeast <i>Cyberlindnera samutprakarnensis</i> S4 under high-salt conditions. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 131.	3.6	29
12	Performance of the biological aerated filter bioaugmented by a yeast <i>Magnusiomyces ingens</i> LH-F1 for treatment of Acid Red B and microbial community dynamics. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 39.	3.6	13
13	Performance of a newly isolated salt-tolerant yeast strain <i>Pichia occidentalis</i> G1 for degrading and detoxifying azo dyes. <i>Bioresource Technology</i> , 2017, 233, 21-29.	9.6	95
14	Performance and microbial community dynamics of electricity-assisted sequencing batch reactor (SBR) for treatment of saline petrochemical wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17556-17565.	5.3	20
15	Continuous treatment of Acid Red B with activated sludge bioaugmented by a yeast <i>Candida tropicalis</i> TL-F1 and microbial community dynamics. <i>Water Science and Technology</i> , 2017, 76, 2979-2987.	2.5	6
16	Aerobic decolorization, degradation and detoxification of azo dyes by a newly isolated salt-tolerant yeast <i>Scheffersomyces spartinae</i> TLHS-SF1. <i>Bioresource Technology</i> , 2016, 203, 287-294.	9.6	134
17	Reactor performance and microbial community dynamics during aerobic degradation and detoxification of Acid Red B with activated sludge bioaugmented by a yeast <i>Candida tropicalis</i> TL-F1 in MBR. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 149-156.	3.9	29
18	Aerobic Decolorization and Degradation of Acid Orange G (AOG) by Suspended Growing Cells and Immobilized Cells of a Yeast Strain <i>Candida tropicalis</i> TL-F1. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1651-1667.	2.9	12

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19	Aerobic decolorization and degradation of azo dyes by suspended growing cells and immobilized cells of a newly isolated yeast <i>Magnusiomyces ingens</i> LH-F1. <i>Bioresource Technology</i> , 2014, 158, 321-328.	9.6	76
20	Aerobic decolorization and degradation of azo dyes by growing cells of a newly isolated yeast <i>Candida tropicalis</i> TL-F1. <i>Bioresource Technology</i> , 2013, 138, 307-313.	9.6	109
21	Aerobic decolorization and degradation of Acid Red B by a newly isolated <i>Pichia</i> sp. TCL. <i>Journal of Hazardous Materials</i> , 2012, 223-224, 31-38.	12.4	66
22	Microbial community shifts in sequencing batch reactors for azo dye treatment. <i>Pure and Applied Chemistry</i> , 2010, 82, 299-306.	1.9	4
23	Identification and Characteristics of A Novel Salt-Tolerant <i>Exiguobacterium</i> sp. for Azo Dyes Decolorization. <i>Applied Biochemistry and Biotechnology</i> , 2009, 159, 728-738.	2.9	37
24	Dynamics of microbial community for X-3B wastewater decolorization coping with high-salt and metal ions conditions. <i>Bioresource Technology</i> , 2009, 100, 3003-3009.	9.6	60