

Chunyan Li

List of Publications by Year in descending order

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46
papers

1,309
citations

304743

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all docs

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docs citations

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times ranked

1241
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#	ARTICLE	IF	CITATIONS
1	LncRNA <i>ZFAS1</i> as a SERCA2a Inhibitor to Cause Intracellular Ca ²⁺ Overload and Contractile Dysfunction in a Mouse Model of Myocardial Infarction. <i>Circulation Research</i> , 2018, 122, 1354-1368.	4.5	147
2	Immobilization of iron- and manganese-oxidizing bacteria with a biofilm-forming bacterium for the effective removal of iron and manganese from groundwater. <i>Bioresource Technology</i> , 2016, 220, 76-84.	9.6	72
3	Physicochemical properties and fungicidal activity of inclusion complexes of fungicide chlorothalonil with β -cyclodextrin and hydroxypropyl- β -cyclodextrin. <i>Journal of Molecular Liquids</i> , 2019, 293, 111513.	4.9	71
4	Immobilization of <i>Rhodococcus rhodochrous</i> BX2 (an acetonitrile-degrading bacterium) with biofilm-forming bacteria for wastewater treatment. <i>Bioresource Technology</i> , 2013, 131, 390-396.	9.6	65
5	Role of psychrotrophic bacteria in organic domestic waste composting in cold regions of China. <i>Bioresource Technology</i> , 2017, 236, 20-28.	9.6	64
6	Biodegradation of phenanthrene by biodemulsifier-producing strain <i>Achromobacter</i> sp. LH-1 and the study on its metabolisms and fermentation kinetics. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 205-214.	6.0	63
7	Role of psychrotrophic fungal strains in accelerating and enhancing the maturity of pig manure composting under low-temperature conditions. <i>Bioresource Technology</i> , 2021, 320, 124402.	9.6	63
8	Carboxylesterase, a de-esterification enzyme, catalyzes the degradation of chlorimuron-ethyl in <i>Rhodococcus erythropolis</i> D310-1. <i>Journal of Hazardous Materials</i> , 2020, 387, 121684.	12.4	49
9	Bioaugmentation of atrazine removal in constructed wetland: Performance, microbial dynamics, and environmental impacts. <i>Bioresource Technology</i> , 2019, 289, 121618.	9.6	45
10	Constructed wetlands treating synthetic wastewater in response to day-night alterations: Performance and mechanisms. <i>Chemical Engineering Journal</i> , 2022, 446, 137460.	12.7	42
11	Biodegradation of lignin and the associated degradation pathway by psychrotrophic <i>Arthrobacter</i> sp. C2 from the cold region of China. <i>Cellulose</i> , 2020, 27, 1423-1440.	4.9	41
12	Preparation and characterization of cyanazine- β -hydroxypropyl-beta-cyclodextrin inclusion complex. <i>RSC Advances</i> , 2019, 9, 26109-26115.	3.6	38
13	Enzymatic degradation of aliphatic nitriles by <i>Rhodococcus rhodochrous</i> BX2, a versatile nitrile-degrading bacterium. <i>Bioresource Technology</i> , 2015, 185, 28-34.	9.6	37
14	Impact of microbial inoculants combined with humic acid on the fate of estrogens during pig manure composting under low-temperature conditions. <i>Journal of Hazardous Materials</i> , 2022, 424, 127713.	12.4	36
15	Insights into the degradation of chlorimuron-ethyl by <i>Stenotrophomonas maltophilia</i> D310-3. <i>Chemosphere</i> , 2016, 144, 176-184.	8.2	34
16	Characterization and genome functional analysis of an efficient nitrile-degrading bacterium, <i>Rhodococcus rhodochrous</i> BX2, to lay the foundation for potential bioaugmentation for remediation of nitrile-contaminated environments. <i>Journal of Hazardous Materials</i> , 2020, 389, 121906.	12.4	34
17	Global transcriptomic analysis of <i>Rhodococcus erythropolis</i> D310-1 in responding to chlorimuron-ethyl. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 111-120.	6.0	30
18	Treating organic cyanide-containing groundwater by immobilization of a nitrile-degrading bacterium with a biofilm-forming bacterium using fluidized bed reactors. <i>Environmental Pollution</i> , 2018, 237, 908-916.	7.5	30

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19	Characterization of the extracellular biodemulsifiers secreted by <i>Bacillus cereus</i> LH-6 and the enhancement of demulsifying efficiency by optimizing the cultivation conditions. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10386-10398.	5.3	24
20	A novel strategy for acetonitrile wastewater treatment by using a recombinant bacterium with biofilm-forming and nitrile-degrading capability. <i>Chemosphere</i> , 2016, 161, 224-232.	8.2	24
21	A novel biodemulsifier of <i>Bacillus mojavensis</i> XH1 "Oxalate decarboxylase with the potential for demulsification of oilfield emulsion. <i>Journal of Hazardous Materials</i> , 2021, 407, 124737.	12.4	24
22	Survival of GFP-tagged <i>Rhodococcus</i> sp. D310-1 in chlorimuron-ethyl-contaminated soil and its effects on the indigenous microbial community. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 347-354.	12.4	23
23	Optimization of cold-active CMCase production by psychrotrophic <i>Sphingomonas</i> sp. FLX-7 from the cold region of China. <i>Cellulose</i> , 2016, 23, 1335-1347.	4.9	21
24	Insight into biodegradation of cellulose by psychrotrophic bacterium <i>Pseudomonas</i> sp. LKR-1 from the cold region of China: optimization of cold-active cellulase production and the associated degradation pathways. <i>Cellulose</i> , 2020, 27, 315-333.	4.9	20
25	Efficient conversion of hemicellulose into 2, 3-butanediol by engineered psychrotrophic <i>Raoultella terrigena</i> : mechanism and efficiency. <i>Bioresource Technology</i> , 2022, 359, 127453.	9.6	19
26	Efficient degradation of chlorimuron-ethyl by a bacterial consortium and shifts in the aboriginal microorganism community during the bioremediation of contaminated-soil. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 423-430.	6.0	18
27	Combination of a recombinant bacterium with organonitrile-degrading and biofilm-forming capability and a positively charged carrier for organonitriles removal. <i>Journal of Hazardous Materials</i> , 2018, 353, 372-380.	12.4	16
28	Biodegradation of chlorimuron-ethyl and the associated degradation pathway by <i>Rhodococcus</i> sp. D310-1. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8794-8805.	5.3	15
29	Steroidal Estrogens During Composting of Animal Manure: Persistence, Degradation, and Fate, a Review. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	15
30	Efficient vanillin biosynthesis by recombinant lignin-degrading bacterium <i>Arthrobacter</i> sp. C2 and its environmental profile via life cycle assessment. <i>Bioresource Technology</i> , 2022, 347, 126434.	9.6	15
31	Potential and mechanism for bioremediation of papermaking black liquor by a psychrotrophic lignin-degrading bacterium, <i>Arthrobacter</i> sp. C2. <i>Journal of Hazardous Materials</i> , 2022, 439, 129534.	12.4	14
32	Identifying environmental hotspots and improvement strategies of vanillin production with life cycle assessment. <i>Science of the Total Environment</i> , 2021, 769, 144771.	8.0	13
33	Single-cell sorting of microalgae and identification of optimal conditions by using response surface methodology coupled with life-cycle approaches. <i>Science of the Total Environment</i> , 2022, 832, 155061.	8.0	12
34	An amidase and a novel phenol hydroxylase catalyze the degradation of the antibacterial agent triclocarban by <i>Rhodococcus rhodochrous</i> . <i>Journal of Hazardous Materials</i> , 2022, 430, 128444.	12.4	11
35	Insight into cold-active xylanase production and xylan degradation pathways in psychrotrophic <i>Acinetobacter</i> sp. HC4 from the cold region of China. <i>Cellulose</i> , 2020, 27, 7575-7589.	4.9	10
36	Construction and analysis of an intergeneric fusant able to degrade bensulfuron-methyl and butachlor. <i>Biodegradation</i> , 2013, 24, 47-56.	3.0	8

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37	Mmm-derived lipid-associated membrane proteins activate IL-1 β production through the NF- κ B pathway via TLR2, MyD88, and IRAK4. <i>Scientific Reports</i> , 2017, 7, 4349.	3.3	8
38	Diversity of antibiotic resistance genes and encoding ribosomal protection proteins gene in livestock waste polluted environment. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 423-433.	1.5	8
39	An enhancement strategy for the biodegradation of high-concentration aliphatic nitriles: Utilizing the glucose-mediated carbon catabolite repression mechanism. <i>Environmental Pollution</i> , 2020, 265, 114302.	7.5	8
40	Bioremediation of Historically Chlorimuron-Ethyl-Contaminated Soil by Co-Culture Chlorimuron-Ethyl-Degrading Bacteria Combined with the Spent Mushroom Substrate. <i>Microorganisms</i> , 2020, 8, 369.	3.6	8
41	Genome Functional Analysis of the Psychrotrophic Lignin-Degrading Bacterium <i>Arthrobacter</i> sp. C2 and the Role of DyP in Catalyzing Lignin Degradation. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	4
42	Notice of Retraction: Isolation of a Novel Chlorimuron-Ethyl-Degrading Bacterium <i>Rhodococcus</i> sp.D310-1. , 2011, , .		3
43	Livestock Manure Composting in Cold Regions: Challenges and Solutions. <i>Agriculture</i> , 2020, 66, 1-14.	0.4	3
44	Notice of Retraction: Isolation of a Chlorimuron-Ethyl Degradation Bacterium and Its Bioremediation in Contamination Soil. , 2011, , .		2
45	First Report of Leaf Spot Disease Caused by <i>Alternaria alternata</i> on <i>Lonicera caerulea</i> in China. <i>Plant Disease</i> , 2022, 106, 3201.	1.4	1
46	Insight into biofilm-forming patterns: biofilm-forming conditions and dynamic changes in extracellular polymer substances. <i>Environmental Science and Pollution Research</i> , 2022, 29, 89542-89556.	5.3	1