

Jun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8122060/publications.pdf>

Version: 2024-02-01

44
papers

1,469
citations

257101

24
h-index

329751

37
g-index

44
all docs

44
docs citations

44
times ranked

1614
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of organoarsenicals and antimonite by a novel flavin monooxygenase widely present in soil bacteria. <i>Environmental Microbiology</i> , 2022, 24, 752-761.	1.8	26
2	Organoarsenical tolerance in <i>Spingobacterium wenxiniae</i> , a bacterium isolated from activated sludge. <i>Environmental Microbiology</i> , 2022, 24, 762-771.	1.8	10
3	Functional characterization of the methylarsenite-inducible <i>arsRM</i> operon from <i>Noviherbaspirillum denitrificans</i> HC18. <i>Environmental Microbiology</i> , 2022, , .	1.8	6
4	<i>ArsZ</i> from <i>Ensifer adhaerens</i> ST2 is a novel methylarsenite oxidase. <i>Environmental Microbiology</i> , 2022, 24, 3013-3021.	1.8	6
5	Anaerobic As(III) Oxidation Coupled with Nitrate Reduction and Attenuation of Dissolved Arsenic by <i>Noviherbaspirillum</i> Species. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2115-2123.	1.2	13
6	<i>ArsV</i> and <i>ArsW</i> provide synergistic resistance to the antibiotic methylarsenite. <i>Environmental Microbiology</i> , 2021, 23, 7550-7562.	1.8	11
7	Nitrite Accumulation Is Required for Microbial Anaerobic Iron Oxidation, but Not for Arsenite Oxidation, in Two Heterotrophic Denitrifiers. <i>Environmental Science & Technology</i> , 2020, 54, 4036-4045.	4.6	33
8	Soil organic matter amount determines the behavior of iron and arsenic in paddy soil with microbial fuel cells. <i>Chemosphere</i> , 2019, 237, 124459.	4.2	48
9	Role of <i>ArsEFG</i> in Roxarsone and Nitarsone Detoxification and Resistance. <i>Environmental Science & Technology</i> , 2019, 53, 6182-6191.	4.6	27
10	Nitrate Stimulates Anaerobic Microbial Arsenite Oxidation in Paddy Soils. <i>Environmental Science & Technology</i> , 2017, 51, 4377-4386.	4.6	95
11	Efficient Arsenic Methylation and Volatilization Mediated by a Novel Bacterium from an Arsenic-Contaminated Paddy Soil. <i>Environmental Science & Technology</i> , 2016, 50, 6389-6396.	4.6	86
12	Anaerobic Arsenite Oxidation by an Autotrophic Arsenite-Oxidizing Bacterium from an Arsenic-Contaminated Paddy Soil. <i>Environmental Science & Technology</i> , 2015, 49, 5956-5964.	4.6	121
13	Arsenic Methylation and Volatilization by Arsenite <i>S</i> -Adenosylmethionine Methyltransferase in <i>Pseudomonas alcaligenes</i> NBRC14159. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2852-2860.	1.4	84
14	<i>Roseomonas rhizosphaerae</i> sp. nov., a triazophos-degrading bacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1127-1133.	0.8	27
15	<i>Novosphingobium chloroacetimidivorans</i> sp. nov., a chloroacetamide herbicide-degrading bacterium isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2573-2578.	0.8	29
16	<i>Rhizobium flavum</i> sp. nov., a triazophos-degrading bacterium isolated from soil under the long-term application of triazophos. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2017-2022.	0.8	27
17	<i>Xenophilus arseniciresistens</i> sp. nov., an arsenite-resistant bacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1926-1931.	0.8	10
18	<i>Chryseomicrobium aureum</i> sp. nov., a bacterium isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2682-2687.	0.8	11

#	ARTICLE	IF	CITATIONS
19	<i>Nocardioides soli</i> sp. nov., a carbendazim-degrading bacterium isolated from soil under the long-term application of carbendazim. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2047-2052.	0.8	28
20	<i>Fluviicola hefeinensis</i> sp. nov., isolated from the wastewater of a chemical factory. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 700-704.	0.8	24
21	<i>Flavobacterium yanchengense</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2848-2852.	0.8	10
22	<i>Sphingobacterium changzhouense</i> sp. nov., a bacterium isolated from a rice field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4515-4518.	0.8	13
23	<i>Thauera humireducens</i> sp. nov., a humus-reducing bacterium isolated from a microbial fuel cell. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 873-878.	0.8	43
24	<i>Comamonas guangdongensis</i> sp. nov., isolated from subterranean forest sediment, and emended description of the genus <i>Comamonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 809-814.	0.8	28
25	<i>Fontibacter ferrireducens</i> sp. nov., an Fe(III)-reducing bacterium isolated from a microbial fuel cell. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 925-929.	0.8	22
26	<i>Paracoccus huijuniae</i> sp. nov., an amide pesticide-degrading bacterium isolated from activated sludge of a wastewater biotreatment system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1132-1137.	0.8	38
27	<i>Taonella mepensis</i> gen. nov., sp. nov., a member of the family Rhodospirillaceae isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2472-2476.	0.8	15
28	<i>Sphingobacterium caeni</i> sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2260-2264.	0.8	31
29	<i>Dokdonella kunshanensis</i> sp. nov., isolated from activated sludge, and emended description of the genus <i>Dokdonella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1519-1523.	0.8	25
30	<i>Comamonas jiangduensis</i> sp. nov., a biosurfactant-producing bacterium isolated from agricultural soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2168-2173.	0.8	25
31	<i>Pseudomonas zeshuii</i> sp. nov., isolated from herbicide-contaminated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2608-2612.	0.8	17
32	<i>Catellibacterium nanjingense</i> sp. nov., a propanil-degrading bacterium isolated from activated sludge, and emended description of the genus <i>Catellibacterium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 495-499.	0.8	43
33	Cloning of a Novel Arylamidase Gene from <i>Paracoccus</i> sp. Strain FLN-7 That Hydrolyzes Amide Pesticides. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4848-4855.	1.4	46
34	Microbial Degradation of Fomesafen by a Newly Isolated Strain <i>Pseudomonas zeshuii</i> BY-1 and the Biochemical Degradation Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7104-7110.	2.4	31
35	<i>Sphingobacterium wenxiniae</i> sp. nov., a cypermethrin-degrading species from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 683-687.	0.8	34
36	Horizontal transfer of dehalogenase genes involved in the catalysis of chlorinated compounds: evidence and ecological role. <i>Critical Reviews in Microbiology</i> , 2012, 38, 95-110.	2.7	37

#	ARTICLE	IF	CITATIONS
37	Degradation of the chloroacetamide herbicide butachlor by <i>Catellibacterium caeni</i> sp. nov DCA-1T. <i>International Biodeterioration and Biodegradation</i> , 2012, 73, 16-22.	1.9	31
38	<i>Sphingobium jiangsuense</i> sp. nov., a 3-phenoxybenzoic acid-degrading bacterium isolated from a wastewater treatment system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 800-805.	0.8	24
39	Biodegradation of Chloroacetamide Herbicides by <i>Paracoccus</i> sp. FLY-8 in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4614-4621.	2.4	92
40	<i>Rhodanobacter xiangquanii</i> sp. nov., a Novel Anilofos-Degrading Bacterium Isolated from a Wastewater Treating System. <i>Current Microbiology</i> , 2011, 62, 645-649.	1.0	16
41	Expression, Characterization, and Site-Directed Mutation of a Multiple Herbicide-Resistant Acetohydroxyacid Synthase (rAHAS) from <i>Pseudomonas</i> sp. Lm10. <i>Current Microbiology</i> , 2011, 63, 145-150.	1.0	5
42	Adsorption and degradation of triazophos, chlorpyrifos and their main hydrolytic metabolites in paddy soil from Chaohu Lake, China. <i>Journal of Environmental Management</i> , 2011, 92, 2229-2234.	3.8	62
43	Description of <i>Catellibacterium caeni</i> sp. nov., reclassification of <i>Rhodobacter changlensis</i> Anil Kumar et al. 2007 as <i>Catellibacterium changlense</i> comb. nov. and emended description of the genus <i>Catellibacterium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1921-1926.	0.8	31
44	<i>Flavobacterium haoranii</i> sp. nov., a cypermethrin-degrading bacterium isolated from a wastewater treatment system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2882-2886.	0.8	28