

Chang-Jun Cha

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,993
citations

361413

20
h-index

175258

52
g-index

84
all docs

84
docs citations

84
times ranked

3960
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pedobacter aquae</i> sp. nov., a multi-drug resistant bacterium isolated from fresh water. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 445-457.	1.7	2
2	<i>Comamonas fluminis</i> sp. nov., isolated from the Han River, Republic of Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	8
3	Effects of biochar addition on the fate of ciprofloxacin and its associated antibiotic tolerance in an activated sludge microbiome. <i>Environmental Pollution</i> , 2022, 306, 119407.	7.5	12
4	<i>Myroides fluvii</i> sp. nov., isolated from the Han River, Republic of Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	5
5	Overview of bioinformatic methods for analysis of antibiotic resistome from genome and metagenome data. <i>Journal of Microbiology</i> , 2021, 59, 270-280.	2.8	16
6	Antibiotic resistome from the One-Health perspective: understanding and controlling antimicrobial resistance transmission. <i>Experimental and Molecular Medicine</i> , 2021, 53, 301-309.	7.7	113
7	Impact of sulfamethoxazole on a riverine microbiome. <i>Water Research</i> , 2021, 201, 117382.	11.3	19
8	Fungal Î²-Glycosidase Belonging to Subfamily 4 of Glycoside Hydrolase Family 30 with Transglycosylation Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15261-15267.	5.2	2
9	Mobile resistome of human gut and pathogen drives anthropogenic bloom of antibiotic resistance. <i>Microbiome</i> , 2020, 8, 2.	11.1	80
10	Freshwater viral metagenome reveals novel and functional phage-borne antibiotic resistance genes. <i>Microbiome</i> , 2020, 8, 75.	11.1	118
11	Fate of antibiotic resistant <i>E. coli</i> and antibiotic resistance genes during full scale conventional and advanced anaerobic digestion of sewage sludge. <i>PLoS ONE</i> , 2020, 15, e0237283.	2.5	18
12	Title is missing!. , 2020, 15, e0237283.		0
13	Title is missing!. , 2020, 15, e0237283.		0
14	Title is missing!. , 2020, 15, e0237283.		0
15	Title is missing!. , 2020, 15, e0237283.		0
16	Ecological processes underpinning microbial community structure during exposure to subinhibitory level of triclosan. <i>Scientific Reports</i> , 2019, 9, 4598.	3.3	17
17	A novel sulfonamide resistance mechanism by two-component flavin-dependent monooxygenase system in sulfonamide-degrading actinobacteria. <i>Environment International</i> , 2019, 127, 206-215.	10.0	53
18	<i>Chryseobacterium aureum</i> sp. nov., isolated from the Han River, Republic of Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1628-1633.	1.7	10

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19	Polymorphism of antibiotic-inactivating enzyme driven by ecology expands the environmental resistome. <i>ISME Journal</i> , 2018, 12, 267-276.	9.8	19
20	Comparative genomic analysis of pyrene-degrading <i>Mycobacterium</i> species: Genomic islands and ring-hydroxylating dioxygenases involved in pyrene degradation. <i>Journal of Microbiology</i> , 2018, 56, 798-804.	2.8	20
21	Revisiting Polymorphic Diversity of Aminoglycoside N-Acetyltransferase AAC(6)-Ib Based on Bacterial Genomes of Human, Animal, and Environmental Origins. <i>Frontiers in Microbiology</i> , 2018, 9, 1831.	3.5	4
22	Functional characterization of a thermostable endoglucanase belonging to glycoside hydrolase family 45 from <i>Fomitopsis palustris</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6515-6523.	3.6	16
23	<i>Flavobacterium foetidum</i> sp. nov., isolated from ginseng soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 616-622.	1.7	11
24	<i>Paenibacillus translucens</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 936-941.	1.7	8
25	<i>Paenibacillus limicola</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 423-426.	1.7	7
26	Unique Features of <i>Aeromonas</i> Plasmid pAC3 and Expression of the Plasmid-Mediated Quinolone Resistance Genes. <i>MSphere</i> , 2017, 2, .	2.9	5
27	Biology of <i>Acinetobacter baumannii</i> : Pathogenesis, Antibiotic Resistance Mechanisms, and Prospective Treatment Options. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 55.	3.9	671
28	Antimicrobial Resistance of Hypervirulent <i>Klebsiella pneumoniae</i> : Epidemiology, Hypervirulence-Associated Determinants, and Resistance Mechanisms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 483.	3.9	299
29	<i>Ramlibacter alkalitolerans</i> sp. nov., alkali-tolerant bacterium isolated from soil of ginseng. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4619-4623.	1.7	14
30	<i>Cohnella saccharovorans</i> sp. nov., isolated from ginseng soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1713-1717.	1.7	14
31	<i>Flaviumibacter sediminis</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4310-4314.	1.7	13
32	A report of 10 unrecorded bacterial species of Korea, belonging to the phylum Firmicutes. <i>Journal of Species Research</i> , 2016, 5, 235-240.	0.1	1
33	Report on 31 unrecorded bacterial species in Korea that belong to the phylum Actinobacteria. <i>Journal of Species Research</i> , 2016, 5, 1-13.	0.1	1
34	A report of 31 unrecorded bacterial species in South Korea belonging to the class Gammaproteobacteria. <i>Journal of Species Research</i> , 2016, 5, 188-200.	0.1	0
35	A report of 21 unreported bacterial species in Korea, belonging to the Betaproteobacteria. <i>Journal of Species Research</i> , 2016, 5, 179-187.	0.1	0
36	A report of 26 unrecorded bacterial species in Korea, belonging to the Bacteroidetes and Firmicutes. <i>Journal of Species Research</i> , 2016, 5, 166-178.	0.1	0

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37	A report of 38 unrecorded bacterial species in Korea, belonging to the phylum Actinobacteria. Journal of Species Research, 2016, 5, 223-234.	0.1	0
38	A report on 33 unrecorded bacterial species of Korea isolated in 2014, belonging to the class Gammaproteobacteria. Journal of Species Research, 2016, 5, 241-253.	0.1	1
39	A report of 42 unrecorded bacterial species belonging to the Alphaproteobacteria in Korea. Journal of Species Research, 2016, 5, 206-219.	0.1	0
40	Changes in human gut microbiota influenced by probiotic fermented milk ingestion. Journal of Dairy Science, 2015, 98, 3568-3576.	3.4	60
41	Report on 14 unrecorded bacterial species in Korea that belong to the phyla Bacteroidetes and Deinococcus-Thermus. Journal of Species Research, 2015, 4, 137-144.	0.1	1
42	Report on 24 unrecorded bacterial species of Korea belonging to the phylum Firmicutes. Journal of Species Research, 2015, 4, 127-136.	0.1	0
43	A report of 39 unrecorded bacterial species in Korea, belonging to the Betaproteobacteria and Gammaproteobacteria. Journal of Species Research, 2015, 4, 109-126.	0.1	0
44	A report of 29 unrecorded bacterial species in Korea, belonging to the Alphaproteobacteria. Journal of Species Research, 2015, 4, 97-108.	0.1	0
45	<i>Lysobacter panacisoli</i> sp. nov., isolated from ginseng soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2193-2197.	1.7	39
46	Genome sequence of type strain of <i>Staphylococcus aureus</i> subsp. <i>aureus</i> . Gut Pathogens, 2014, 6, 6.	3.4	16
47	<i>Bacillus panacisoli</i> sp. nov., isolated from ginseng soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 901-906.	1.7	14
48	Genomic insights into the taxonomic status of the three subspecies of <i>Bacillus subtilis</i> . Systematic and Applied Microbiology, 2014, 37, 95-99.	2.8	24
49	<i>Bifidobacterium faecale</i> sp. nov., isolated from human faeces. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3134-3139.	1.7	16
50	<i>Ferrimonas gelatinilytica</i> sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4309-4314.	1.7	7
51	2-Nitrobenzoate 2-Nitroreductase (NbaA) Switches Its Substrate Specificity from 2-Nitrobenzoic Acid to 2,4-Dinitrobenzoic Acid under Oxidizing Conditions. Journal of Bacteriology, 2013, 195, 180-192.	2.2	6
52	<i>Chryseobacterium rigui</i> sp. nov., isolated from an estuarine wetland. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1062-1067.	1.7	13
53	<i>Stakelama sediminis</i> sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 560-564.	1.7	12
54	<i>Gordonia alkaliphila</i> sp. nov., an actinomycete isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 327-331.	1.7	13

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55	Bacterial community analysis during fermentation of ten representative kinds of kimchi with barcoded pyrosequencing. <i>Food Microbiology</i> , 2012, 30, 197-204.	4.2	198
56	Interspecies Interaction of Signal Peptide PapR Secreted by <i>Bacillus cereus</i> and Its Effect on Production of Antimicrobial Peptide. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 700-710.	2.9	3
57	Identification of Microorganisms, <i>Cladosporium</i> sp. and <i>Sterigmatomyces</i> sp., Proliferated on the Surface of Traditional Soy Sauce, and the Effect of NaCl Concentration on Their Enzymatic Activity. <i>Korean Journal of Food Science and Technology</i> , 2012, 44, 488-492.	0.3	2
58	<i>Marinitalea sucinacia</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae isolated from tidal flat sediment. <i>FEMS Microbiology Letters</i> , 2011, 314, 89-94.	1.8	6
59	<i>Lactobacillus alvi</i> sp. nov., isolated from the intestinal tract of chicken. <i>FEMS Microbiology Letters</i> , 2011, 323, 83-87.	1.8	14
60	Upregulation of RNase E activity by mutation of a site that uncompetitively interferes with RNA binding. <i>RNA Biology</i> , 2011, 8, 1022-1034.	3.1	9
61	Genome Sequence of <i>Lactobacillus salivarius</i> NIAS840, Isolated from Chicken Intestine. <i>Journal of Bacteriology</i> , 2011, 193, 5551-5552.	2.2	7
62	Identification and functional analysis of a gene encoding β -glucosidase from the brown-rot basidiomycete <i>Fomitopsis palustris</i> . <i>Journal of Microbiology</i> , 2010, 48, 808-813.	2.8	9
63	<i>Escherichia coli</i> ribonuclease III activity is downregulated by osmotic stress: consequences for the degradation of <i>bdm</i> mRNA in biofilm formation. <i>Molecular Microbiology</i> , 2010, 75, 413-425.	2.5	71
64	<i>Paenibacillus aestuarii</i> sp. nov., isolated from an estuarine wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 644-647.	1.7	20
65	<i>Brevibacillus fluminis</i> sp. nov., isolated from sediment of estuarine wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1595-1599.	1.7	21
66	Biotransformation of Plant Secondary Metabolite Decursin by <i>Mycobacterium</i> sp. PYR1001. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2931-2934.	5.2	12
67	Genetic Analysis of the Invariant Residue G791 in <i>Escherichia coli</i> 16S rRNA Implicates RelA in Ribosome Function. <i>Journal of Bacteriology</i> , 2009, 191, 2042-2050.	2.2	7
68	Purification and characterization of thermostable β -glucosidase from the brown-rot basidiomycete <i>Fomitopsis palustris</i> grown on microcrystalline cellulose. <i>Journal of Microbiology</i> , 2008, 46, 51-55.	2.8	47
69	Degradation of cellulose by the major endoglucanase produced from the brown-rot fungus <i>Fomitopsis pinicola</i> . <i>Biotechnology Letters</i> , 2008, 30, 1373-1378.	2.2	45
70	Synthesis of β -glutamylcysteine as a major low-molecular-weight thiol in lactic acid bacteria <i>Leuconostoc</i> spp.. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1047-1051.	2.1	31
71	<i>Actibacter sediminis</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 139-143.	1.7	36
72	Functional analysis of a gene encoding endoglucanase that belongs to glycosyl hydrolase family 12 from the brown-rot basidiomycete <i>Fomitopsis palustris</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 404-9.	2.1	9

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73	Heterogeneous rRNAs are differentially expressed during the morphological development of <i>Streptomyces coelicolor</i> . FEMS Microbiology Letters, 2007, 275, 146-152.	1.8	21
74	Functional analysis of the invariant residue G791 of Escherichia coli 16S rRNA. Journal of Microbiology, 2007, 45, 418-21.	2.8	4
75	The brown-rot basidiomycete Fomitopsis palustris has the endo-glucanases capable of degrading microcrystalline cellulose. Journal of Microbiology and Biotechnology, 2007, 17, 800-5.	2.1	32
76	Identification of genes for mycothiol biosynthesis in Streptomyces coelicolor A3(2). Journal of Microbiology, 2006, 44, 121-5.	2.8	18
77	A master regulator σ^B governs osmotic and oxidative response as well as differentiation via a network of sigma factors in <i>Streptomyces coelicolor</i> . Molecular Microbiology, 2005, 57, 1252-1264.	2.5	159
78	Identification of proteins induced by polycyclic aromatic hydrocarbon in <i>Mycobacterium vanbaalenii</i> PYR-1 using two-dimensional polyacrylamide gel electrophoresis and de novo sequencing methods. Proteomics, 2004, 4, 3899-3908.	2.2	90
79	Stereo- and regiospecific cis, cis-muconate cycloisomerization by <i>Rhodococcus rhodochrous</i> N75. FEMS Microbiology Letters, 2003, 224, 29-34.	1.8	0
80	Purification and characterization of an erythromycin esterase from an erythromycin-resistant <i>Pseudomonas</i> sp.. FEMS Microbiology Letters, 2002, 210, 239-244.	1.8	50
81	Purification and characterization of a glutathione S-transferase from the fungus <i>Cunninghamella elegans</i> . FEMS Microbiology Letters, 2001, 203, 257-261.	1.8	16
82	Biotransformation of Malachite Green by the Fungus <i>Cunninghamella elegans</i> . Applied and Environmental Microbiology, 2001, 67, 4358-4360.	3.1	241
83	The Modified β -Ketoacid Pathway in <i>Rhodococcus rhodochrous</i> N75: Enzymology of 3-Methylmuconolactone Metabolism. Journal of Bacteriology, 1998, 180, 6668-6673.	2.2	17