

# Hong Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,302  
citations

331670

21  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1511  
citing authors

#	ARTICLE	IF	CITATIONS
1	The vertical distribution of bacterial and archaeal communities in the water and sediment of Lake Taihu. <i>FEMS Microbiology Ecology</i> , 2009, 70, 263-276.	2.7	156
2	Bacterial community composition of a shallow hypertrophic freshwater lake in China, revealed by 16S rRNA gene sequences. <i>FEMS Microbiology Ecology</i> , 2007, 61, 85-96.	2.7	125
3	Diversity and dynamics of microcystin <sup>®</sup> Producing cyanobacteria in China's third largest lake, Lake Taihu. <i>Harmful Algae</i> , 2009, 8, 637-644.	4.8	102
4	Using Probiotics as Supplementation for <i>Helicobacter pylori</i> Antibiotic Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1136.	4.1	86
5	Temporal variability of cyanobacterial populations in the water and sediment samples of Lake Taihu as determined by DGGE and real-time PCR. <i>Harmful Algae</i> , 2011, 10, 472-479.	4.8	59
6	Algicidal activity of <i>Bacillus</i> sp. Lzh-5 and its algicidal compounds against <i>Microcystis aeruginosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 981-990.	3.6	52
7	A freshwater bacterial strain, <i>Shewanella</i> sp. Lzh-2, isolated from Lake Taihu and its two algicidal active substances, hexahydropyrrolo[1,2-a]pyrazine-1,4-dione and 2, 3-indolinedione. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4737-4748.	3.6	50
8	Isolation, identification and characterization of an algicidal bacterium from Lake Taihu and preliminary studies on its algicidal compounds. <i>Journal of Environmental Sciences</i> , 2012, 24, 1823-1831.	6.1	47
9	The algicidal activity of <i>Aeromonas</i> sp. strain GLY <sup>®</sup> 2107 against bloom <sup>®</sup> forming <i>Microcystis aeruginosa</i> is regulated by <i>N</i> -acyl homoserine lactone <sup>®</sup> mediated quorum sensing. <i>Environmental Microbiology</i> , 2016, 18, 3867-3883.	3.8	46
10	Diversity of bile salt hydrolase activities in different lactobacilli toward human bile salts. <i>Annals of Microbiology</i> , 2010, 60, 81-88.	2.6	44
11	NprR-NprX Quorum-Sensing System Regulates the Algicidal Activity of <i>Bacillus</i> sp. Strain S51107 against Bloom-Forming Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1968.	3.5	41
12	Synergistic algicidal effect and mechanism of two diketopiperazines produced by <i>Chryseobacterium</i> sp. strain GLY-1106 on the harmful bloom-forming <i>Microcystis aeruginosa</i> . <i>Scientific Reports</i> , 2015, 5, 14720.	3.3	36
13	Investigation of total bacterial and ammonia-oxidizing bacterial community composition in a full-scale aerated submerged biofilm reactor for drinking water pretreatment in China. <i>FEMS Microbiology Letters</i> , 2007, 268, 126-134.	1.8	33
14	Characterization and selection of <i>Lactobacillus</i> strains for their effect on bile tolerance, taurocholate deconjugation and cholesterol removal. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 7-14.	3.6	30
15	On the control of <i>Microcystis aeruginosa</i> and <i>Synechococcus</i> species using an algicidal bacterium, <i>Stenotrophomonas</i> F6, and its algicidal compounds cyclo-(Gly-Pro) and hydroquinone. <i>Journal of Applied Phycology</i> , 2016, 28, 345-355.	2.8	30
16	Recent development in Se-enriched yeast, lactic acid bacteria and bifidobacteria. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 411-425.	10.3	30
17	Population dynamics of ammonia-oxidizing bacteria in an aerated submerged biofilm reactor for micropolluted raw water pretreatment. <i>Applied Microbiology and Biotechnology</i> , 2008, 79, 135-145.	3.6	26
18	Characterization of an algicidal bacterium <i>Brevundimonas</i> J4 and chemical defense of <i>Synechococcus</i> sp. BN60 against bacterium J4. <i>Harmful Algae</i> , 2014, 37, 1-7.	4.8	24

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19	Model for a cascade continuous epoxidation process. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1999, 76, 89-92.	1.9	23
20	Analysis of newly detected tetracycline resistance genes and their flanking sequences in human intestinal bifidobacteria. <i>Scientific Reports</i> , 2017, 7, 6267.	3.3	23
21	Effect of <i>Bifidobacterium breve</i> in Combination With Different Antibiotics on <i>Clostridium difficile</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2953.	3.5	23
22	Relationship between acid tolerance and cell membrane in <i>Bifidobacterium</i> , revealed by comparative analysis of acid-resistant derivatives and their parental strains grown in medium with and without Tween 80. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5227-5236.	3.6	22
23	Use statistical machine learning to detect nutrient thresholds in <i>Microcystis</i> blooms and microcystin management. <i>Harmful Algae</i> , 2020, 94, 101807.	4.8	22
24	Antibacterial Activity of <i>Bifidobacterium breve</i> Against <i>Clostridioides difficile</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 288.	3.9	21
25	Non-antibiotic therapy for <i>Clostridioides difficile</i> infection: a review. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 493-509.	6.1	17
26	In Vitro Effects of <i>Lactobacillus plantarum</i> LN66 and Antibiotics Used Alone or in Combination on <i>Helicobacter pylori</i> Mature Biofilm. <i>Microorganisms</i> , 2021, 9, 424.	3.6	15
27	New genetic environments of the macrolide-lincosamide-streptogramin resistance determinant <i>erm</i> (X) and their influence on potential horizontal transferability in bifidobacteria. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 572-580.	2.5	14
28	Effects of <i>Lactobacillus salivarius</i> LN12 in Combination with Amoxicillin and Clarithromycin on <i>Helicobacter pylori</i> Biofilm In Vitro. <i>Microorganisms</i> , 2021, 9, 1611.	3.6	12
29	Differences in acid tolerance between <i>Bifidobacterium breve</i> BB8 and its acid-resistant derivative <i>B. breve</i> BB8dpH, revealed by RNA-sequencing and physiological analysis. <i>Anaerobe</i> , 2015, 33, 76-84.	2.1	10
30	Change of Microbial Populations in a Suspended-sludge Reactor Performing Completely Autotrophic N-removal. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 843-850.	3.6	9
31	The influence of pH on heat stress response by probiotic <i>Lactobacillus plantarum</i> LP-Only. <i>Annals of Microbiology</i> , 2010, 60, 341-348.	2.6	9
32	Different nutrient levels, rather than seasonal changes, significantly affected the spatiotemporal dynamic changes of ammonia-oxidizing microorganisms in Lake Taihu. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 91.	3.6	9
33	Detection of <i>erm</i> (X)-mediated antibiotic resistance in <i>Bifidobacterium longum</i> subsp. <i>longum</i> . <i>Annals of Microbiology</i> , 2015, 65, 1985-1991.	2.6	8
34	Transcriptome Analysis of the <i>Clostridioides difficile</i> Response to Different Doses of <i>Bifidobacterium breve</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1863.	3.5	8
35	Comparative analysis of the total and active bacterial communities in the surface sediment of Lake Taihu. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	8
36	Evaluation of the therapeutic effect and dose-effect of <i>Bifidobacterium breve</i> on the primary <i>Clostridioides difficile</i> infected mice. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9243-9260.	3.6	7

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37	An RNA-based study of the distribution of ammonia-oxidizing microorganisms in vertical sediment. <i>Ecological Indicators</i> , 2021, 121, 107143.	6.3	6
38	Transcriptome Analysis of the Response of Mature <i>Helicobacter pylori</i> Biofilm to Different Doses of <i>Lactobacillus salivarius</i> LN12 with Amoxicillin and Clarithromycin. <i>Antibiotics</i> , 2022, 11, 262.	3.7	5
39	Therapeutic Effects of <i>Bifidobacterium breve</i> YH68 in Combination with Vancomycin and Metronidazole in a Primary <i>Clostridioides difficile</i> -Infected Mouse Model. <i>Microbiology Spectrum</i> , 2022, 10, e0067222.	3.0	5
40	An RNA-based quantitative and compositional study of ammonium-oxidizing bacteria and archaea in Lake Taihu, a eutrophic freshwater lake. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	4
41	The Host Genotype and Environment Affect Strain Types of <i>Bifidobacterium longum</i> subsp. <i>longum</i> Inhabiting the Intestinal Tracts of Twins. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4774-4781.	3.1	2
42	The triple interactions between gut microbiota, mycobiota and host immunity. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11604-11624.	10.3	2
43	Complete Genome Sequence of <i>Helicobacter pylori</i> Strain 3192, Isolated from a Chinese Patient with Chronic Nonatrophic Gastritis. <i>Microbiology Resource Announcements</i> , 0, , .	0.6	1
44	Molecular analysis of dominant microbial populations in heavily and slightly polluted aquifers by a seaside landfill. <i>Tsinghua Science and Technology</i> , 2005, 10, 517-522.	6.1	0