

# Feng-Yan Bai

## List of Publications by Year in descending order

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72  
papers

2,472  
citations

304743

22  
h-index

223800

46  
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74  
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74  
docs citations

74  
times ranked

2524  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ecology and Evolution of the Baker's Yeast <i>Saccharomyces cerevisiae</i> . <i>Genes</i> , 2022, 13, 230.	2.4	16
2	Yeasts from temperate forests. <i>Yeast</i> , 2022, 39, 4-24.	1.7	18
3	Adaptive Gene Content and Allele Distribution Variations in the Wild and Domesticated Populations of <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 631250.	3.5	14
4	Improved redox homeostasis owing to the up-regulation of one-carbon metabolism and related pathways is crucial for yeast heterosis at high temperature. <i>Genome Research</i> , 2021, 31, 622-634.	5.5	6
5	Nomenclatural issues concerning cultured yeasts and other fungi: why it is important to avoid unneeded name changes. <i>IMA Fungus</i> , 2021, 12, 18.	3.8	13
6	Genetic diversity and population structure of the amyolytic yeast <i>Saccharomycopsis fibuligera</i> associated with Baijiu fermentation in China. <i>Journal of Microbiology</i> , 2021, 59, 753-762.	2.8	14
7	Highly diverged lineages of <i>Saccharomyces paradoxus</i> in temperate to subtropical climate zones in China. <i>Yeast</i> , 2021, , .	1.7	8
8	Proposal of Two New Combinations, Twenty New Species, Four New Genera, One New Family, and One New Order for the Anamorphic Basidiomycetous Yeast Species in Ustilaginomycotina. <i>Frontiers in Microbiology</i> , 2021, 12, 777338.	3.5	4
9	Diversity and distribution of yeasts in indigenous fermented foods and beverages of Ethiopia. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3630-3638.	3.5	18
10	Himalayan <i>Saccharomyces eubayanus</i> Genome Sequences Reveal Genetic Markers Explaining Heterotic Maltotriose Consumption by <i>Saccharomyces pastorianus</i> Hybrids. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	21
11	Reverse Evolution of a Classic Gene Network in Yeast Offers a Competitive Advantage. <i>Current Biology</i> , 2019, 29, 1126-1136.e5.	3.9	26
12	Occurrence and Molecular Identification of Wild Yeasts from Jimma Zone, South West Ethiopia. <i>Microorganisms</i> , 2019, 7, 633.	3.6	10
13	Takashi Nakase's last tweet: what is the current direction of microbial taxonomy research?. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	3
14	Four new species of <i>Tremella</i> (Tremellales, Basidiomycota) based on morphology and DNA sequence data. <i>Mycology</i> , 2019, 47, 75-95.	1.9	10
15	<i>Kondoa gutianensis</i> f.a. sp. nov., a novel ballistoconidium-forming yeast species isolated from plant leaves. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 155-160.	1.7	5
16	The origin and adaptive evolution of domesticated populations of yeast from Far East Asia. <i>Nature Communications</i> , 2018, 9, 2690.	12.8	176
17	Hybridization and adaptive evolution of diverse <i>Saccharomyces</i> species for cellulosic biofuel production. <i>Biotechnology for Biofuels</i> , 2017, 10, 78.	6.2	78
18	Microbial Diversity in Daqu during Production of Luzhou Flavored Liquor. <i>Journal of the American Society of Brewing Chemists</i> , 2017, 75, 136-144.	1.1	22

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19	Heitmania gen. nov., a new yeast genus in Microbotryomycetes, and description of three novel species: Heitmania litseae sp. nov., Heitmania castanopsis sp. nov. and Heitmania elacocarpi sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4534-4540.	1.7	4
20	Selected Schizosaccharomyces pombe Strains Have Characteristics That Are Beneficial for Winemaking. PLoS ONE, 2016, 11, e0151102.	2.5	81
21	Intragenomic polymorphism and intergenomic recombination in the ribosomal RNA genes of strains belonging to a yeast species <i>Pichia membranifaciens</i> . Mycology, 2016, 7, 102-111.	4.4	14
22	Ballistosporomyces changbaiensis sp. nov. and Ballistosporomyces bomiensis sp. nov., two novel species isolated from shrub plant leaves. Antonie Van Leeuwenhoek, 2016, 109, 965-970.	1.7	3
23	Starmerella orientalis f.a., sp. nov., an ascomycetous yeast species isolated from flowers. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1476-1481.	1.7	21
24	Genomics and the making of yeast biodiversity. Current Opinion in Genetics and Development, 2015, 35, 100-109.	3.3	105
25	Association of genotypes with infection types and antifungal susceptibilities in <i>Candida albicans</i> as revealed by recent molecular typing strategies. Mycology, 2014, 5, 1-9.	4.4	11
26	Evidence for a Far East Asian origin of lager beer yeast. Current Biology, 2014, 24, R380-R381.	3.9	161
27	White-Opaque Switching in Natural MTL $\alpha/\pm$ Isolates of <i>Candida albicans</i> : Evolutionary Implications for Roles in Host Adaptation, Pathogenesis, and Sex. PLoS Biology, 2013, 11, e1001525.	5.6	107
28	Bensingtonia rectispora sp. nov. and Bensingtonia bomiensis sp. nov., ballistoconidium-forming yeast species from Tibetan plant leaves. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2039-2044.	1.7	7
29	<i>Candida cellulicola</i> sp. nov., a xylose-utilizing anamorphic yeast from rotten wood. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 242-245.	1.7	12
30	<i>N</i> -Acetylglucosamine Induces White-to-Opaque Switching and Mating in <i>Candida tropicalis</i> , Providing New Insights into Adaptation and Fungal Sexual Evolution. Eukaryotic Cell, 2012, 11, 773-782.	3.4	58
31	Surprisingly diverged populations of <i>Saccharomyces cerevisiae</i> in natural environments remote from human activity. Molecular Ecology, 2012, 21, 5404-5417.	3.9	257
32	<i>Deroxomyces amylogenes</i> sp. nov., <i>Deroxomyces bambusicola</i> sp. nov. and <i>Deroxomyces corylopsis</i> sp. nov., three ballistoconidium-forming yeast species isolated from subtropical plant leaves. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 996-1001.	1.7	6
33	Prevalence of specific and phylogenetically closely related genotypes in the population of <i>Candida albicans</i> associated with genital candidiasis in China. Fungal Genetics and Biology, 2012, 49, 86-93.	2.1	40
34	<i>Udeniomyces kanasensis</i> sp. nov., a ballistoconidium-forming yeast species in the Cystofilobasidiales. Antonie Van Leeuwenhoek, 2012, 102, 45-51.	1.7	3
35	Proposal of <i>Mingxiaea</i> gen. nov. for the anamorphic basidiomycetous yeast species in the Bulleribasidium clade (Tremellales) based on molecular phylogenetic analysis, with six new combinations and four novel species. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 210-219.	1.7	13
36	<i>Bullera</i> , 2011, , 1623-1659.		8

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37	The Amsterdam Declaration on Fungal Nomenclature. <i>IMA Fungus</i> , 2011, 2, 105-111.	3.8	320
38	<i>Lindnera wuzhiensis</i> sp. nov., a novel ascomycetous yeast species. <i>Journal of General and Applied Microbiology</i> , 2010, 56, 409-412.	0.7	3
39	<i>Kazachstania taianensis</i> sp. nov., a novel ascomycetous yeast species from orchard soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1473-1476.	1.7	17
40	Correlation between Azole Susceptibilities, Genotypes, and <i>ERG11</i> Mutations in <i>Candida albicans</i> Isolates Associated with Vulvovaginal Candidiasis in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3126-3131.	3.2	33
41	<i>Candida laoshanensis</i> sp. nov. and <i>Candida qingdaonensis</i> sp. nov., anamorphic, ascomycetous yeast species isolated from decayed wood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1697-1701.	1.7	17
42	Four novel <i>Candida</i> species in the <i>Candida albicans</i> / <i>Lodderomyces elongisporus</i> clade isolated from the gut of flower beetles. <i>Antonie Van Leeuwenhoek</i> , 2009, 95, 23-32.	1.7	24
43	<i>Torulaspora quercuum</i> sp. nov. and <i>Candida pseudohumilis</i> sp. nov., novel yeasts from human and forest habitats. <i>FEMS Yeast Research</i> , 2009, 9, 1322-1326.	2.3	14
44	Diversity of basidiomycetous phylloplane yeasts belonging to the genus <i>Dioszegia</i> (Tremellales) and description of <i>Dioszegia athyri</i> sp. nov., <i>Dioszegia butyracea</i> sp. nov. and <i>Dioszegia xingshanensis</i> sp. nov.. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 391-399.	1.7	19
45	<i>Candida alocasiicola</i> sp. nov., <i>Candida hainanensis</i> sp. nov., <i>Candida heveicola</i> sp. nov. and <i>Candida musiphila</i> sp. nov., novel anamorphic, ascomycetous yeast species isolated from plants. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 257-265.	1.7	26
46	Molecular phylogeny of basidiomycetous yeasts in the <i>Cryptococcus luteolus</i> lineage ( <i>Tremellales</i> ) based on nuclear rRNA and mitochondrial cytochrome <i>b</i> gene sequence analyses: proposal of <i>Derxomyces</i> gen. nov. and <i>Hannaella</i> gen. nov., and description of eight novel <i>Derxomyces</i> species. <i>FEMS Yeast Research</i> , 2008, 8, 799-814.	2.3	56
47	Biased Genotype Distributions of <i>Candida albicans</i> Strains Associated with Vulvovaginal Candidosis and Candidal Balanoposthitis in China. <i>Clinical Infectious Diseases</i> , 2008, 47, 1119-1125.	5.8	34
48	<i>Saccharomyces arboricolus</i> sp. nov., a yeast species from tree bark. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 510-514.	1.7	84
49	Rapid Differentiation of Phenotypically Similar Yeast Species by Single-Strand Conformation Polymorphism Analysis of Ribosomal DNA. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2604-2611.	3.1	17
50	Single-strand conformation polymorphism of microsatellite for rapid strain typing of <i>Candida albicans</i> . <i>Medical Mycology</i> , 2007, 45, 629-635.	0.7	21
51	Genetic diversity of the <i>Pichia membranifaciens</i> strains revealed from rRNA gene sequencing and electrophoretic karyotyping, and the proposal of <i>Candida californica</i> comb. nov.. <i>FEMS Yeast Research</i> , 2006, 6, 305-311.	2.3	13
52	<i>Bensingtonia pseudonaganoensis</i> sp. nov., a novel ballistoconidium-forming yeast species isolated from plant leaves. <i>Antonie Van Leeuwenhoek</i> , 2006, 89, 261-266.	1.7	5
53	<i>Metschnikowia sinensis</i> sp. nov., <i>Metschnikowia zizyphicola</i> sp. nov. and <i>Metschnikowia shanxiensis</i> sp. nov., novel yeast species from jujube fruit. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2245-2250.	1.7	36
54	<i>Candida pseudorugosa</i> sp. nov., a Novel Yeast Species from Sputum. <i>Journal of Clinical Microbiology</i> , 2006, 44, 4486-4490.	3.9	20

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55	<i>Candida tibetensis</i> sp. nov. and <i>Candida linzhiensis</i> sp. nov., novel anamorphic, ascomycetous yeast species from Tibet. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1153-1156.	1.7	7
56	ITS sequence and electrophoretic karyotype comparisons of <i>Candida ethanolica</i> with <i>Pichia deserticola</i> and <i>Candida odintsovae</i> with <i>Pichia rabaulensis</i> . <i>Journal of General and Applied Microbiology</i> , 2005, 51, 319-322.	0.7	5
57	<i>Kazachstania aquatica</i> sp. nov. and <i>Kazachstania solicola</i> sp. nov., novel ascomycetous yeast species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2219-2224.	1.7	21
58	<i>Kazachstania aerobia</i> sp. nov., an ascomycetous yeast species from aerobically deteriorating corn silage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 2431-2435.	1.7	39
59	<i>Bullera cylindrica</i> sp. nov., <i>Bullera hubeiensis</i> sp. nov. and <i>Bullera nakasei</i> sp. nov., ballistoconidium-forming yeast species from plant leaves. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1877-1882.	1.7	8
60	<i>Candida asparagi</i> sp. nov., <i>Candida diospyri</i> sp. nov. and <i>Candida qinlingensis</i> sp. nov., novel anamorphic, ascomycetous yeast species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1409-1414.	1.7	31
61	<i>Rhodotorula oryzae</i> sp. nov., a novel basidiomycetous yeast species isolated from paddy rice. <i>Antonie Van Leeuwenhoek</i> , 2004, 86, 295-299.	1.7	9
62	Four new yeast species of the genus from plant leaves. <i>FEMS Yeast Research</i> , 2004, 4, 579-586.	2.3	37
63	<i>Bullera anomala</i> sp. nov. and <i>Bullera pseudovariabilis</i> sp. nov., two new ballistoconidium-forming yeast species from Yunnan, China. <i>Antonie Van Leeuwenhoek</i> , 2003, 83, 257-263.	1.7	10
64	<i>Sporobolomyces bannaensis</i> , a novel ballistoconidium-forming yeast species in the <i>Sporidiobolus</i> lineage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 2091-2093.	1.7	11
65	<i>Bensingtonia changbaiensis</i> sp. nov. and <i>Bensingtonia sorbi</i> sp. nov., novel ballistoconidium-forming yeast species from plant leaves. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 2085-2089.	1.7	20
66	<i>Dioszegia changbaiensis</i> sp. nov., a basidiomycetous yeast species isolated from northeast China. <i>Journal of General and Applied Microbiology</i> , 2003, 49, 295-299.	0.7	16
67	<i>Dioszegia zsoldii</i> sp. nov., a new ballistoconidium-forming yeast species with two varieties.. <i>Journal of General and Applied Microbiology</i> , 2002, 48, 17-23.	0.7	25
68	<i>Rhodotorula pinicolasp.</i> nov., a basidiomycetous yeast species isolated from xylem of pine twigs. <i>FEMS Yeast Research</i> , 2002, 2, 159-163.	2.3	26
69	Reclassification of the <i>Sporobolomyces roseus</i> and <i>Sporidiobolus pararoseus</i> complexes, with the description of <i>Sporobolomyces phaffii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 2309-2314.	1.7	32
70	Description of <i>Bullera kunmingensis</i> sp. nov., and clarification of the taxonomic status of <i>Bullera sinensis</i> and its synonyms based on molecular phylogenetic analysis. <i>FEMS Yeast Research</i> , 2001, 1, 103-109.	2.3	19
71	Description of <i>Bullera kunmingensis</i> sp. nov., and clarification of the taxonomic status of <i>Bullera sinensis</i> and its synonyms based on molecular phylogenetic analysis. <i>FEMS Yeast Research</i> , 2001, 1, 103-109.	2.3	1
72	Separation of <i>Candida fermentati</i> comb. nov. from <i>Candida guilliermondii</i> by DNA base composition and electrophoretic karyotyping. <i>Systematic and Applied Microbiology</i> , 1996, 19, 178-181.	2.8	16