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 g-index
74 all docs	74 docs citations	74 times ranked	2524 citing authors

#	Article	IF	Citations
1	The Amsterdam Declaration on Fungal Nomenclature. IMA Fungus, 2011, 2, 105-111.	3.8	320
2	Surprisingly diverged populations of <scp>S</scp>accharomyces cerevisiae in natural environments remote from human activity. Molecular Ecology, 2012, 21, 5404-5417.	3.9	257
3	The origin and adaptive evolution of domesticated populations of yeast from Far East Asia. Nature Communications, 2018, 9, 2690.	12.8	176
4	Evidence for a Far East Asian origin of lager beer yeast. Current Biology, 2014, 24, R380-R381.	3.9	161
5	White-Opaque Switching in Natural MTLa/Î± Isolates of Candida albicans: Evolutionary Implications for Roles in Host Adaptation, Pathogenesis, and Sex. PLoS Biology, 2013, 11, e1001525.	5.6	107
6	Genomics and the making of yeast biodiversity. Current Opinion in Genetics and Development, 2015, 35, 100-109.	3.3	105
7	Saccharomyces arboricolus sp. nov., a yeast species from tree bark. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 510-514.	1.7	84
8	Selected Schizosaccharomyces pombe Strains Have Characteristics That Are Beneficial for Winemaking. PLoS ONE, 2016, 11, e0151102.	2.5	81
9	Hybridization and adaptive evolution of diverse Saccharomyces species for cellulosic biofuel production. Biotechnology for Biofuels, 2017, 10, 78.	6.2	78
10	N -Acetylglucosamine Induces White-to-Opaque Switching and Mating in Candida tropicalis, Providing New Insights into Adaptation and Fungal Sexual Evolution. Eukaryotic Cell, 2012, 11, 773-782.	3.4	58
11	Molecular phylogeny of basidiomycetous yeasts in theCryptococcus luteoluslineage (Tremellales) based on nuclear rRNA and mitochondrial cytochromebgene sequence analyses: proposal ofDerxomycesgen. nov. andHannaellagen. nov., and description of eight novelDerxomycesspecies. FEMS Yeast Research, 2008, 8, 799-814.	2.3	56
12	Prevalence of specific and phylogenetically closely related genotypes in the population of Candida albicans associated with genital candidiasis in China. Fungal Genetics and Biology, 2012, 49, 86-93.	2.1	40
13	Kazachstania aerobia sp. nov., an ascomycetous yeast species from aerobically deteriorating corn silage. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2431-2435.	1.7	39
14	Four new yeast species of the genus from plant leaves. FEMS Yeast Research, 2004, 4, 579-586.	2.3	37
15	Metschnikowia sinensis sp. nov., Metschnikowia zizyphicola sp. nov. and Metschnikowia shanxiensis sp. nov., novel yeast species from jujube fruit. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2245-2250.	1.7	36
16	Biased Genotype Distributions ofCandida albicansStrains Associated with Vulvovaginal Candidosis and Candidal Balanoposthitis in China. Clinical Infectious Diseases, 2008, 47, 1119-1125.	5.8	34
17	Correlation between Azole Susceptibilities, Genotypes, and ERG11 Mutations in Candida albicans Isolates Associated with Vulvovaginal Candidiasis in China. Antimicrobial Agents and Chemotherapy, 2010, 54, 3126-3131.	3.2	33
18	Reclassification of the Sporobolomyces roseus and Sporidiobolus pararoseus complexes, with the description of Sporobolomyces phaffii sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 2309-2314.	1.7	32

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19	Candida asparagi sp. nov., Candida diospyri sp. nov. and Candida qinlingensis sp. nov., novel anamorphic, ascomycetous yeast species. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1409-1414.	1.7	31
20	Rhodotorula pinicolasp. nov., a basidiomycetous yeast species isolated from xylem of pine twigs. FEMS Yeast Research, 2002, 2, 159-163.	2.3	26
21	Candida alocasiicola sp. nov., Candida hainanensis sp. nov., Candida heveicola sp. nov. and Candida musiphila sp. nov., novel anamorphic, ascomycetous yeast species isolated from plants. Antonie Van Leeuwenhoek, 2008, 94, 257-265.	1.7	26
22	Reverse Evolution of a Classic Gene Network in Yeast Offers a Competitive Advantage. Current Biology, 2019, 29, 1126-1136.e5.	3.9	26
23	Dioszegia zsoltii sp. nov., a new ballistoconidium-forming yeast species with two varieties.. Journal of General and Applied Microbiology, 2002, 48, 17-23.	0.7	25
24	Four novel Candida species in the Candida albicans/Lodderomyces elongisporus clade isolated from the gut of flower beetles. Antonie Van Leeuwenhoek, 2009, 95, 23-32.	1.7	24
25	Microbial Diversity in Daqu during Production of Luzhou Flavored Liquor. Journal of the American Society of Brewing Chemists, 2017, 75, 136-144.	1.1	22
26	Kazachstania aquatica sp. nov. and Kazachstania solicola sp. nov., novel ascomycetous yeast species. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2219-2224.	1.7	21
27	Single-strand conformation polymorphism of microsatellite for rapid strain typing ofCandida albicans. Medical Mycology, 2007, 45, 629-635.	0.7	21
28	Himalayan Saccharomyces eubayanus Genome Sequences Reveal Genetic Markers Explaining Heterotic Maltotriose Consumption by Saccharomyces pastorianus Hybrids. Applied and Environmental Microbiology, 2019, 85, .	3.1	21
29	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
30	Bensingtonia changbaiensis sp. nov. and Bensingtonia sorbi sp. nov., novel ballistoconidium-forming yeast species from plant leaves. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 2085-2089.	1.7	20
31	Candida pseudorugosa sp. nov., a Novel Yeast Species from Sputum. Journal of Clinical Microbiology, 2006, 44, 4486-4490.	3.9	20
32	Description ofBullera kunmingensissp. nov., and clarification of the taxonomic status ofBullera sinensisand its synonyms based on molecular phylogenetic analysis. FEMS Yeast Research, 2001, 1, 103-109.	2.3	19
33	Diversity of basidiomycetous phylloplane yeasts belonging to the genus Dioszegia (Tremellales) and description of Dioszegia athyri sp. nov., Dioszegia butyracea sp. nov. and Dioszegia xingshanensis sp. nov.. Antonie Van Leeuwenhoek, 2008, 93, 391-399.	1.7	19
34	Diversity and distribution of yeasts in indigenous fermented foods and beverages of Ethiopia. Journal of the Science of Food and Agriculture, 2020, 100, 3630-3638.	3.5	18
35	Yeasts from temperate forests. Yeast, 2022, 39, 4-24.	1.7	18
36	Rapid Differentiation of Phenotypically Similar Yeast Species by Single-Strand Conformation Polymorphism Analysis of Ribosomal DNA. Applied and Environmental Microbiology, 2008, 74, 2604-2611.	3.1	17

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37	Kazachstania taianensis sp. nov., a novel ascomycetous yeast species from orchard soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1473-1476.	1.7	17
38	Candida laoshanensis sp. nov. and Candida qingdaonensis sp. nov., anamorphic, ascomycetous yeast species isolated from decayed wood. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1697-1701.	1.7	17
39	Separation of Candida fermentati comb. nov. from Candida guilliermondii by DNA base composition and electrophoretic karyotyping. Systematic and Applied Microbiology, 1996, 19, 178-181.	2.8	16
40	Dioszegia changbaiensis sp. nov., a basidiomycetous yeast species isolated from northeast China. Journal of General and Applied Microbiology, 2003, 49, 295-299.	0.7	16
41	The Ecology and Evolution of the Bakerâ€™s Yeast Saccharomyces cerevisiae. Genes, 2022, 13, 230.	2.4	16
42	Torulaspora quercuumÃ¢Â€Âƒ sp. nov. andCandida pseudohumilisÃ¢Â€Âƒ sp. nov., novel yeasts from human and forest habitats. FEMS Yeast Research, 2009, 9, 1322-1326.	2.3	14
43	Intragenomic polymorphism and intergenomic recombination in the ribosomal RNA genes of strains belonging to a yeast speciesPichia membranifaciens. Mycology, 2016, 7, 102-111.	4.4	14
44	Adaptive Gene Content and Allele Distribution Variations in the Wild and Domesticated Populations of Saccharomyces cerevisiae. Frontiers in Microbiology, 2021, 12, 631250.	3.5	14
45	Genetic diversity and population structure of the amylolytic yeast Saccharomycopsis fibuligera associated with Baijiu fermentation in China. Journal of Microbiology, 2021, 59, 753-762.	2.8	14
46	Genetic diversity of the Pichia membranifaciens strains revealed from rRNA gene sequencing and electrophoretic karyotyping, and the proposal of Candida californica comb. nov.. FEMS Yeast Research, 2006, 6, 305-311.	2.3	13
47	Proposal of Mingxiaea 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
48	Nomenclatural issues concerning cultured yeasts and other fungi: why it is important to avoid unneeded name changes. IMA Fungus, 2021, 12, 18.	3.8	13
49	Candida cellulosicola sp. nov., a xylose-utilizing anamorphic yeast from rotten wood. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 242-245.	1.7	12
50	Sporobolomyces bannaensis, a novel ballistoconidium-forming yeast species in the Sporidiobolus lineage. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 2091-2093.	1.7	11
51	Association of genotypes with infection types and antifungal susceptibilities inCandida albicansas revealed by recent molecular typing strategies. Mycology, 2014, 5, 1-9.	4.4	11
52	Bullera anomala sp. nov. and Bullera pseudovariabilis sp. nov., two new ballistoconidium-forming yeast species from Yunnan, China. Antonie Van Leeuwenhoek, 2003, 83, 257-263.	1.7	10
53	Occurrence and Molecular Identification of Wild Yeasts from Jimma Zone, South West Ethiopia. Microorganisms, 2019, 7, 633.	3.6	10
54	Four new species of Tremella (Tremellales, Basidiomycota) based on morphology and DNA sequence data. MycoKeys, 2019, 47, 75-95.	1.9	10

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55	Rhodotorula oryzae sp. nov., a novel basidiomycetous yeast species isolated from paddy rice. Antonie Van Leeuwenhoek, 2004, 86, 295-299.	1.7	9
56	Bullera cylindrica sp. nov., Bullera hubeiensis sp. nov. and Bullera nakasei sp. nov., ballistoconidium-forming yeast species from plant leaves. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1877-1882.	1.7	8
57	Bullera. , 2011, , 1623-1659.		8
58	Highly diverged lineages of Saccharomyces paradoxus in temperate to subtropical climate zones in China. Yeast, 2021, , .	1.7	8
59	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
60	Candida tibetensis sp. nov. and Candida linzhiensis sp. nov., novel anamorphic, ascomycetous yeast species from Tibet. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1153-1156.	1.7	7
61	Derxomyces amylogenes sp. nov., Derxomyces bambusicola sp. nov. and Derxomyces corylopsis 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
62	Improved redox homeostasis owing to the up-regulation of one-carbon metabolism and related pathways is crucial for yeast heterosis at high temperature. Genome Research, 2021, 31, 622-634.	5.5	6
63	ITS sequence and electrophoretic karyotype comparisons of Candida ethanolica with Pichia deserticola and Candida odintsovae with Pichia rabaulensis. Journal of General and Applied Microbiology, 2005, 51, 319-322.	0.7	5
64	Bensingtonia pseudonaganoensis sp. nov., a novel ballistoconidium-forming yeast species isolated from plant leaves. Antonie Van Leeuwenhoek, 2006, 89, 261-266.	1.7	5
65	Kondoa gutianensis f.a. sp. nov., a novel ballistoconidium-forming yeast species isolated from plant leaves. Antonie Van Leeuwenhoek, 2018, 111, 155-160.	1.7	5
66	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
67	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. Frontiers in Microbiology, 2021, 12, 777338.	3.5	4
68	Lindnera wuzhiensis sp. nov., a novel ascomycetous yeast species. Journal of General and Applied Microbiology, 2010, 56, 409-412.	0.7	3
69	Udeniomyces kanasensis sp. nov., a ballistoconidium-forming yeast species in the Cystofilobasidiales. Antonie Van Leeuwenhoek, 2012, 102, 45-51.	1.7	3
70	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
71	Takashi Nakase's last tweet: what is the current direction of microbial taxonomy research?. FEMS Yeast Research, 2019, 19, .	2.3	3
72	Description of Bullera kunmingensis sp. nov., and clarification of the taxonomic status of Bullera sinensis and its synonyms based on molecular phylogenetic analysis. FEMS Yeast Research, 2001, 1, 103-109.	2.3	1