

Cletus P Kurtzman

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80 papers	6,063 citations	34 h-index	77 g-index
85 ext. papers	7,096 ext. citations	5.1 avg, IF	6.11 L-index

#	Paper	IF	Citations
80	Identification and phylogeny of ascomycetous yeasts from analysis of nuclear large subunit (26S) ribosomal DNA partial sequences. <i>Antonie Van Leeuwenhoek</i> , 1998 , 73, 331-71	2.1	1602
79	Phylogenetic relationships among yeasts of the <i>Saccharomyces</i> complex determined from multigene sequence analyses. <i>FEMS Yeast Research</i> , 2003 , 3, 417-32	3.1	483
78	Methods for Isolation, Phenotypic Characterization and Maintenance of Yeasts 2011 , 87-110		339
77	Phylogenetic circumscription of <i>Saccharomyces</i> , <i>Kluyveromyces</i> and other members of the <i>Saccharomycetaceae</i> , and the proposal of the new genera <i>Lachancea</i> , <i>Nakaseomyces</i> , <i>Naumovia</i> , <i>Vanderwaltozyma</i> and <i>Zygorhizula</i> . <i>FEMS Yeast Research</i> , 2003 , 4, 233-45	3.1	319
76	Comparative genomics of biotechnologically important yeasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9882-7	11.5	212
75	Tempo and Mode of Genome Evolution in the Budding Yeast Subphylum. <i>Cell</i> , 2018 , 175, 1533-1545.e2056.2	20.6	204
74	Phylogenetic relationships among species of <i>Pichia</i> , <i>Issatchenkia</i> and <i>Williopsis</i> determined from multigene sequence analysis, and the proposal of <i>Barnettozyma</i> gen. nov., <i>Lindnera</i> gen. nov. and <i>Wickerhamomyces</i> gen. nov. <i>FEMS Yeast Research</i> , 2008 , 8, 939-54	3.1	199
73	Notes for genera: Ascomycota. <i>Fungal Diversity</i> , 2017 , 86, 1-594	17.6	151
72	<i>Metschnikowia fructicola</i> , a new ascosporic yeast with potential for biocontrol of postharvest fruit rots. <i>Systematic and Applied Microbiology</i> , 2001 , 24, 395-9	4.2	134
71	Phylogenetic relationships among species of <i>Saccharomyces</i> , <i>Schizosaccharomyces</i> , <i>Debaryomyces</i> and <i>Schwanniomyces</i> determined from partial ribosomal RNA sequences. <i>Yeast</i> , 1991 , 7, 61-72	3.4	129
70	Production of sophorolipid biosurfactants by multiple species of the <i>Starmerella</i> (<i>Candida</i>) <i>bombicola</i> yeast clade. <i>FEMS Microbiology Letters</i> , 2010 , 311, 140-6	2.9	127
69	Reconstructing the Backbone of the <i>Saccharomycotina</i> Yeast Phylogeny Using Genome-Scale Data. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 3927-3939	3.2	126
68	Ribosomal RNA Sequence Divergence Among Sibling Species of Yeasts. <i>Systematic and Applied Microbiology</i> , 1991 , 14, 124-129	4.2	126
67	<i>Candida</i> Berkhout (1923) 2011 , 987-1278		125
66	On the reclassification of species assigned to <i>Candida</i> and other anamorphic ascomycetous yeast genera based on phylogenetic circumscription. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 67-84	2.1	96
65	Relationships among genera of the <i>Saccharomycotina</i> (Ascomycota) from multigene phylogenetic analysis of type species. <i>FEMS Yeast Research</i> , 2013 , 13, 23-33	3.1	93
64	Molecular taxonomy of the yeasts. <i>Yeast</i> , 1994 , 10, 1727-40	3.4	89

63	Multigene phylogenetic analysis of the <i>Trichomonascus</i> , <i>Wickerhamiella</i> and <i>Zygoascus</i> yeast clades, and the proposal of <i>Sugiyamaella</i> gen. nov. and 14 new species combinations. <i>FEMS Yeast Research</i> , 2007 , 7, 141-51	3.1	81
62	Genomics and the making of yeast biodiversity. <i>Current Opinion in Genetics and Development</i> , 2015 , 35, 100-9	4.9	79
61	Phylogeny of the ascomycetous yeasts and the renaming of <i>Pichia anomala</i> to <i>Wickerhamomyces anomalus</i> . <i>Antonie Van Leeuwenhoek</i> , 2011 , 99, 13-23	2.1	79
60	Importance of Resolving Fungal Nomenclature: the Case of Multiple Pathogenic Species in the Genus. <i>MSphere</i> , 2017 , 2,	5	74
59	Description of <i>Komagataella phaffii</i> sp. nov. and the transfer of <i>Pichia pseudopastoris</i> to the methylotrophic yeast genus <i>Komagataella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 973-976	2.2	70
58	Extensive loss of cell-cycle and DNA repair genes in an ancient lineage of bipolar budding yeasts. <i>PLoS Biology</i> , 2019 , 17, e3000255	9.7	59
57	Screening for arabinose fermenting yeasts. <i>Applied Biochemistry and Biotechnology</i> , 1996 , 57-58, 233-242	3.2	58
56	Systematics of methanol assimilating yeasts and neighboring taxa from multigene sequence analysis and the proposal of <i>Peterozyma</i> gen. nov., a new member of the Saccharomycetales. <i>FEMS Yeast Research</i> , 2010 , 10, 353-61	3.1	52
55	Multigene phylogenetic analysis of pathogenic candida species in the <i>Kazachstania</i> (<i>Arxiozyma</i>) <i>telluris</i> complex and description of their ascosporic states as <i>Kazachstania bovina</i> sp. nov., <i>K. heterogenica</i> sp. nov., <i>K. pintolopesii</i> sp. nov., and <i>K. slooffiae</i> sp. nov. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 101-11	9.7	50
54	Eukaryotic Acquisition of a Bacterial Operon. <i>Cell</i> , 2019 , 176, 1356-1366.e10	56.2	45
53	Functional and evolutionary characterization of a secondary metabolite gene cluster in budding yeasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11030-11035	11.5	44
52	New species and a new combination in the <i>Hyphopichia</i> and <i>Yarrowia</i> yeast clades. <i>Antonie Van Leeuwenhoek</i> , 2005 , 88, 121-30	2.1	38
51	Evolutionary instability of CUG-Leu in the genetic code of budding yeasts. <i>Nature Communications</i> , 2018 , 9, 1887	17.4	38
50	A survey of yeast from the <i>Yarrowia</i> clade for lipid production in dilute acid pretreated lignocellulosic biomass hydrolysate. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 3319-3334	5.7	37
49	Evidence for loss and reacquisition of alcoholic fermentation in a fructophilic yeast lineage. <i>ELife</i> , 2018 , 7,	8.9	36
48	Advances in yeast systematics and phylogeny and their use as predictors of biotechnologically important metabolic pathways. <i>FEMS Yeast Research</i> , 2015 , 15,	3.1	35
47	A new methanol assimilating yeast, <i>Ogataea parapolyomorpha</i> , the ascosporic state of <i>Candida parapolyomorpha</i> . <i>Antonie Van Leeuwenhoek</i> , 2011 , 100, 455-62	2.1	34
46	Use of gene sequence analyses and genome comparisons for yeast systematics. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 325-332	2.2	33

45	Evolved strains of <i>Scheffersomyces stipitis</i> achieving high ethanol productivity on acid- and base-pretreated biomass hydrolyzate at high solids loading. <i>Biotechnology for Biofuels</i> , 2015 , 8, 60	7.8	32
44	Whole Genome Sequencer and Analyzer (iWGS): a Computational Pipeline to Guide the Design and Analysis of Genome Sequencing Studies. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 3655-3662	3.2	28
43	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. <i>Canadian Journal of Plant Pathology</i> , 2018 , 40, 161-171	17.6	27
42	Phylogenetic relationships among species of the genus <i>Issatchenkia</i> Kudriavzev. <i>Antonie Van Leeuwenhoek</i> , 1990 , 58, 235-40	2.1	24
41	Multigene phylogenetic analysis of the Lipomycetaceae and the proposed transfer of <i>Zygozoma</i> species to <i>Lipomyces</i> and <i>Babjevia anomala</i> to <i>Dipodascopsis</i> . <i>FEMS Yeast Research</i> , 2007 , 7, 1027-34	3.1	22
40	Deoxyribonucleic Acid Relatedness Among Species of <i>Saccharomyces</i> Sensu Lato. <i>Mycologia</i> , 1988 , 80, 241-243	2.4	22
39	Identification of food and beverage spoilage yeasts from DNA sequence analyses. <i>International Journal of Food Microbiology</i> , 2015 , 213, 71-8	5.8	21
38	Adding yeasts with sugar to increase the number of effective insecticide classes to manage <i>Drosophila suzukii</i> (Matsumura) (Diptera: Drosophilidae) in cherry. <i>Pest Management Science</i> , 2016 , 72, 1482-90	4.6	17
37	Three new anascosporic genera of the Saccharomycotina: <i>Danielozyma</i> gen. nov., <i>Deakozyma</i> gen. nov. and <i>Middelhovenomyces</i> gen. nov. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 933-42	2.1	17
36	<i>Spencermartinsiella europaea</i> gen. nov., sp. nov., a new member of the family Trichomonascaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 993-1000	2.2	17
35	Eleven new species of <i>Sugiyamaella</i> and <i>Candida</i> from forest habitats. <i>FEMS Yeast Research</i> , 2007 , 7, 1046-63	3.1	17
34	Parasitism and Axenic Growth of <i>Dispira</i> Cornuta. <i>Mycologia</i> , 1968 , 60, 915-923	2.4	17
33	Four new species of <i>Metschnikowia</i> and the transfer of seven <i>Candida</i> species to <i>Metschnikowia</i> and <i>Clavispora</i> as new combinations. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 2017-2035	2.1	17
32	<i>Metschnikowia vanudenii</i> sp. nov. and <i>Metschnikowia lachancei</i> sp. nov., from flowers and associated insects in North America. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 1665-1670	2.2	16
31	New species and new combinations in the yeast genera <i>Kregervanrija</i> gen. nov., <i>Saturnispora</i> and <i>Candida</i> . <i>FEMS Yeast Research</i> , 2006 , 6, 288-97	3.1	16
30	Factors driving metabolic diversity in the budding yeast subphylum. <i>BMC Biology</i> , 2018 , 16, 26	7.3	15
29	Description of <i>Teunomyces</i> gen. nov. for the <i>Candida kruisii</i> clade, <i>Suhomyces</i> gen. nov. for the <i>Candida tanzawaensis</i> clade and <i>Suhomyces kilbournensis</i> sp. nov. <i>FEMS Yeast Research</i> , 2016 , 16,	3.1	15
28	<i>Blastobotrys americana</i> sp. nov., <i>Blastobotrys illinoisensis</i> sp. nov., <i>Blastobotrys malaysiensis</i> sp. nov., <i>Blastobotrys muscicola</i> sp. nov., <i>Blastobotrys peoriensis</i> sp. nov. and <i>Blastobotrys raffinifermentans</i> sp. nov., novel anamorphic yeast species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1154-1162	2.2	15

27	Cyberlindnera xylosilytica sp. nov., a xylitol-producing yeast species isolated from lignocellulosic materials. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2968-2974	2.2	14
26	Alloascoidea hylecoeti gen. nov., comb. nov., Alloascoidea africana comb. nov., Ascoidea tarda sp. nov., and Nadsonia starkeyi-henricii comb. nov., new members of the Saccharomycotina (Ascomycota). <i>FEMS Yeast Research</i> , 2013 , 13, 423-32	3.1	14
25	Cryptic DNA plasmids of the heterothallic yeast Saccharomycopsis crataegensis. <i>Current Genetics</i> , 1987 , 12, 297-304	2.9	14
24	Description of Martiniozyma gen. nov. and transfer of seven Candida species to Saturnispora as new combinations. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 803-9	2.1	13
23	Candida kuoi sp. nov., an anamorphic species of the Starmerella yeast clade that synthesizes sophorolipids. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2307-2311	2.2	13
22	New anamorphic yeast species: Candida infanticola sp. nov., Candida polysorbophila sp. nov., Candida transvaalensis sp. nov. and Trigonopsis californica sp. nov. <i>Antonie Van Leeuwenhoek</i> , 2007 , 92, 221-31	2.1	12
21	Conversion of SPORL pretreated Douglas fir forest residues into microbial lipids with oleaginous yeasts. <i>RSC Advances</i> , 2016 , 6, 20695-20705	3.7	11
20	Penicillic acid production by blue-eye fungi on various agricultural commodities. <i>Applied Microbiology</i> , 1970 , 20, 761-4		11
19	Komagataella populi sp. nov. and Komagataella ulmi sp. nov., two new methanol assimilating yeasts from exudates of deciduous trees. <i>Antonie Van Leeuwenhoek</i> , 2012 , 101, 859-68	2.1	10
18	Genome sequence and physiological analysis of Yamadazyma laniorum f.a. sp. nov. and a reevaluation of the apocryphal xylose fermentation of its sister species, Candida tenuis. <i>FEMS Yeast Research</i> , 2017 , 17,	3.1	9
17	Diddensiella caesifluorescens gen. nov., sp. nov., a riboflavin-producing yeast species of the family Trichomonascaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 3081-3087	2.2	9
16	Citeromyces hawaiiensis sp. nov., an ascosporic yeast associated with Myoporium sandwicense. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1215-1219	2.2	9
15	Occultifur kilbournensis f.a. sp. nov., a new member of the Cystobasidiales associated with maize (Zea mays) cultivation. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 1323-9	2.1	8
14	Saitoella coloradoensis sp. nov., a new species of the Ascomycota, subphylum Taphrinomycotina. <i>Antonie Van Leeuwenhoek</i> , 2012 , 101, 795-802	2.1	8
13	Irradiation of Yarrowia lipolytica NRRL YB-567 creating novel strains with enhanced ammonia and oil production on protein and carbohydrate substrates. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 9723-43	5.7	7
12	Description of Kuraishia piskuri f.a., sp. nov., a new methanol assimilating yeast and transfer of phylogenetically related Candida species to the genera Kuraishia and Nakazawaea as new combinations. <i>FEMS Yeast Research</i> , 2014 , 14, 1028-36	3.1	7
11	Trichomonascus petasosporus sp. nov. and Sympodiomyces indianaensis sp. nov., two new members of the Saccharomycetales. <i>Antonie Van Leeuwenhoek</i> , 2004 , 85, 297-304	2.1	7
10	The status of Endomyces scopularum filamentous fungus and two yeasts. <i>Mycologia</i> , 2001 , 93, 317-322	2.4	7

9	Description of <i>Ambrosiozyma oregonensis</i> sp. nov., and reassignment of <i>Candida</i> species of the <i>Ambrosiozyma</i> clade to <i>Ambrosiozyma kashinagacola</i> f.a., comb. nov., <i>Ambrosiozyma llanquihuensis</i> f.a., comb. nov., <i>Ambrosiozyma maleeae</i> f.a., comb. nov., <i>Ambrosiozyma pseudovanderkliftii</i> f.a., comb. nov., and <i>Ambrosiozyma vanderkliftii</i> f.a., comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3877-3883	2.2	5
8	<i>Kodamaea ohmeri</i> (Ascomycota: Saccharomycotina) presence in commercial <i>Bombus impatiens</i> Cresson and feral <i>Bombus pensylvanicus</i> DeGeer (Hymenoptera: Apidae) colonies. <i>Journal of Apicultural Research</i> , 2011 , 50, 218-226	2	5
7	Description of <i>Groenewaldozyma</i> gen. nov. for placement of <i>Candida auringiensis</i> , <i>Candida salmanticensis</i> and <i>Candida tartarivorans</i> . <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 1041-5	2.1	5
6	. sp. nov., a novel yeast species isolated from subsoil groundwater contaminated with hydrocarbons and from a human infection. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 2420-2425	2.2	4
5	Three new species of Tremellomycetes isolated from maize and northern wild rice. <i>FEMS Yeast Research</i> , 2019 , 19,	3.1	4
4	Social wasps promote social behavior in <i>Saccharomyces</i> spp. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1971-3	11.5	2
3	(20492050) Proposals to conserve the name <i>Wickerhamomyces</i> against <i>Hansenula</i> and to reject the name <i>Saccharomyces sphaericus</i> (Ascomycota: Saccharomycotina). <i>Taxon</i> , 2012 , 61, 459-461	0.8	2
2	Repeated horizontal gene transfer of GALactose metabolism genes violates Dollo's law of irreversible loss. <i>Genetics</i> , 2021 , 217,	4	1
1	Screening for Oily Yeasts Able to Convert Hydrolysates from Biomass to Biofuels While Maintaining Industrial Process Relevance. <i>Methods in Molecular Biology</i> , 2019 , 1995, 249-283	1.4	