James B Anderson

List of Publications by Year
in descending order

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43 papers	3,696 citations	201674 27 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	3378 citing authors

#	Article	IF	Citations
1	The fungus Armillaria bulbosa is among the largest and oldest living organisms. Nature, 1992, 356, 428-431.	27.8	612
2	Evolution of antifungal-drug resistance: mechanisms and pathogen fitness. Nature Reviews Microbiology, 2005, 3, 547-556.	28.6	298
3	Acquisition of Aneuploidy Provides Increased Fitness during the Evolution of Antifungal Drug Resistance. PLoS Genetics, 2009, 5, e1000705.	3.5	293
4	Molecular Phylogeny of Northern Hemisphere Species ofArmillaria. Mycologia, 1992, 84, 505-516.	1.9	215
5	Biological Species ofArmillaria Melleain North America. Mycologia, 1979, 71, 402-414.	1.9	186
6	Incipient speciation by divergent adaptation and antagonistic epistasis in yeast. Nature, 2007, 447, 585-588.	27.8	185
7	Genome expansion and lineage-specific genetic innovations in the forest pathogenic fungi Armillaria. Nature Ecology and Evolution, 2017, 1, 1931-1941.	7.8	145
8	Mode of Selection and Experimental Evolution of Antifungal Drug Resistance in Saccharomyces cerevisiae. Genetics, 2003, 163, 1287-1298.	2.9	134
9	Population genomics of drug resistance in Candida albicans. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9284-9289.	7.1	133
10	Sex and diploidy in Armillaria mellea. Experimental Mycology, 1978, 2, 119-129.	1.6	132
11	Restriction Fragment Length Polymorphisms in the Mushrooms Agaricus brunnescens and Agaricus bitorquis. Applied and Environmental Microbiology, 1987, 53, 816-822.	3.1	93
12	Restriction Fragment Polymorphisms in Biological Species of Armillaria Mellea. Mycologia, 1987, 79, 69-76.	1.9	92
13	Infrequent Genetic Exchange and Recombination in the Mitochondrial Genome of Candida albicans. Journal of Bacteriology, 2001, 183, 865-872.	2.2	91
14	PATTERNS OF DESCENT IN CLONAL LINEAGES AND THEIR MULTILOCUS FINGERPRINTS ARE RESOLVED WITH COMBINED GENE GENEALOGIES. Evolution; International Journal of Organic Evolution, 1999, 53, 11-21.	2.3	82
15	Dikaryons of the Basidiomycete FungusSchizophyllum commune. Genetics, 2004, 167, 1663-1675.	2.9	82
16	Haploidy, Diploidy and Evolution of Antifungal Drug Resistance in Saccharomyces cerevisiae. Genetics, 2004, 168, 1915-1923.	2.9	80
17	VARIATION IN RIBOSOMAL DNA AMONG BIOLOGICAL SPECIES OF ARMILLARIA , A GENUS OF ROOTâ€INFECTING FUNGI. Evolution; International Journal of Organic Evolution, 1989, 43, 1652-1662.	2.3	71
18	Determinants of Divergent Adaptation and Dobzhansky-Muller Interaction in Experimental Yeast Populations. Current Biology, 2010, 20, 1383-1388.	3.9	68

#	Article	IF	Citations
19	Hybridization is a recurrent evolutionary stimulus in wild yeast speciation. Nature Communications, 2019, 10, 923.	12.8	62
20	A comparison of different methods for the identification of genets ofArmillariaspp.. New Phytologist, 1996, 133, 333-343.	7.3	54
21	Mobile genetic elements explain size variation in the mitochondrial genomes of four closely-related Armillaria species. BMC Genomics, 2019, 20, 351.	2.8	49
22	Physical mapping of the mitochondrial genome of the cultivated mushroom Agaricus brunnescens (=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	46
23	Genetic Identification of Clones ofArmillaria melleain Coniferous Forests in Washington. Phytopathology, 1979, 69, 1109.	2.2	44
24	Biological Species of Armillaria in North America: Redesignation of Groups IV and VIII and Enumeration of Voucher Strains for Other Groups. Mycologia, 1986, 78, 837-839.	1.9	43
25	Clonal evolution and genome stability in a 2500-year-old fungal individual. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182233.	2.6	39
26	Mitochondrial DNA variation in natural populations of the mushroomAgaricus bisporus. Molecular Ecology, 1998, 7, 19-33.	3.9	32
27	Multilocus Genotyping Indicates that the Ability To Invade the Bloodstream Is Widespread among Candida albicans Isolates. Journal of Clinical Microbiology, 2001, 39, 1657-1660.	3.9	32
28	Armillaria. Current Biology, 2018, 28, R297-R298.	3.9	29
29	Genomewide mutation dynamic within a long-lived individual ofArmillaria gallica. Mycologia, 2014, 106, 642-648.	1.9	28
30	Strategies for the Efficient Recovery ofAgaricus BisporusHomokaryons. Mycologia, 1992, 84, 575-579.	1.9	27
31	Dikaryons, Diploids, and Evolution. , 0, , 333-348.		25
32	Fungus Causing White-Nose Syndrome in Bats Accumulates Genetic Variability in North America with No Sign of Recombination. MSphere, 2017, 2, .	2.9	24
33	Gene Expression and Evolution of Antifungal Drug Resistance. Antimicrobial Agents and Chemotherapy, 2009, 53, 1931-1936.	3.2	22
34	A Genetic Incompatibility Accelerates Adaptation in Yeast. PLoS Genetics, 2015, 11, e1005407.	3.5	22
35	Population genomics reveals structure at the individual, hostâ€tree scale and persistence of genotypic variants of the undomesticated yeast Saccharomyces paradoxus in a natural woodland. Molecular Ecology, 2017, 26, 995-1007.	3.9	21
36	Bifactorial Heterothallism and Vegetative Diploidy in Clitocybe Tabescens. Mycologia, 1982, 74, 911-916.	1.9	18

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37	Antagonism between Two Mechanisms of Antifungal Drug Resistance. Eukaryotic Cell, 2006, 5, 1243-1251.	3.4	17
38	The Underlying Structure of Adaptation under Strong Selection in 12 Experimental Yeast Populations. Eukaryotic Cell, 2014, 13, 1200-1206.	3.4	16
39	Cellular Effects and Epistasis among Three Determinants of Adaptation in Experimental Populations of Saccharomyces cerevisiae. Eukaryotic Cell, 2011, 10, 1348-1356.	3.4	15
40	Genomic stability of two individuals of Armillaria gallica. Mycologia, 2000, 92, 894-899.	1.9	14
41	Genomic Stability of Two Individuals of Armillaria gallica. Mycologia, 2000, 92, 894.	1.9	10
42	Persistence of Resident and Transplanted Genotypes of the Undomesticated Yeast Saccharomyces paradoxus in Forest Soil. MSphere, 2018, 3, .	2.9	9
43	Random Assortment In Armillaria Mellea. Mycologia, 1979, 71, 1278-1279.	1.9	2