Yen-Ping Hsueh

List of Publications by Year
in descending order

36 papers	2,037 citations	331670 21 h-index	434195 31 g-index
43 all docs	43 docs citations	43 times ranked	2047 citing authors

#	Article	IF	Citations
1	Laboratory Maintenance and Culturing of the Nematodeâ€Trapping Fungus <i>Arthrobotrys oligospora</i>. Current Protocols, 2021, 1, e41.	2.9	5
2	The conserved regulator of autophagy and innate immunity <i>hlh-30/TFEB</i> mediates tolerance of enterohemorrhagic <i>Escherichia coli</i> in <i>Caenorhabditis elegans</i>. Genetics, 2021, 217, 1-17.	2.9	2
3	Genome sequence of the oyster mushroom <i>Pleurotus ostreatus</i> strain PC9. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	20
4	Prey sensing and response in a nematode-trapping fungus is governed by the MAPK pheromone response pathway. Genetics, 2021, 217, .	2.9	30
5	Genomic analyses of two Italian oyster mushroom <i>Pleurotus pulmonarius</i> strains. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	6
6	Forward genetic screens identified mutants with defects in trap morphogenesis in the nematode-trapping fungus <i>Arthrobotrys oligospora</i>. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	4
7	Possible impacts of the predominant Bacillus bacteria on the Ophiocordyceps unilateralis s. l. in its infected ant cadavers. Scientific Reports, 2021, 11, 22695.	3.3	2
8	Sensory cilia as the Achilles heel of nematodes when attacked by carnivorous mushrooms. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6014-6022.	7.1	20
9	Natural diversity in the predatory behavior facilitates the establishment of a robust model strain for nematode-trapping fungi. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6762-6770.	7.1	59
10	Nematode-Trapping Fungi Produce Diverse Metabolites during Predatorâ€“Prey Interaction. Metabolites, 2020, 10, 117.	2.9	25
11	The High Osmolarity Glycerol (HOG) Pathway Functions in Osmosensing, Trap Morphogenesis and Conidiation of the Nematode-Trapping Fungus Arthrobotrys oligospora. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	26
12	Nematode-free agricultural system of a fungus-growing termite. Scientific Reports, 2019, 9, 8917.	3.3	6
13	Fungal feature tracker (FFT): A tool for quantitatively characterizing the morphology and growth of filamentous fungi. PLoS Computational Biology, 2019, 15, e1007428.	3.2	20
14	Epigenetic Manipulation Induces the Production of Coumarinâ€Type Secondary Metabolite from <i>Arthrobotrys foliicola</i>. Israel Journal of Chemistry, 2019, 59, 432-438.	2.3	6
15	Predator-prey interactions of nematode-trapping fungi and nematodes: both sides of the coin. Applied Microbiology and Biotechnology, 2018, 102, 3939-3949.	3.6	52
16	Nematophagous fungus Arthrobotrys oligospora mimics olfactory cues of sex and food to lure its nematode prey. ELife, 2017, 6, .	6.0	75
17	Analysis of the Genome and Transcriptome of Cryptococcus neoformans var. grubii Reveals Complex RNA Expression and Microevolution Leading to Virulence Attenuation. PLoS Genetics, 2014, 10, e1004261.	3.5	336
18	Nematode Communication. , 2014, , 383-407.		0

#	Article	IF	Citations
19	Nematode-Trapping Fungi Eavesdrop on Nematode Pheromones. Current Biology, 2013, 23, 83-86.	3.9	152
20	Transmission of Hypervirulence Traits via Sexual Reproduction within and between Lineages of the Human Fungal Pathogen Cryptococcus gattii. PLoS Genetics, 2013, 9, e1003771.	3.5	45
21	Gene Conversion Occurs within the Mating-Type Locus of Cryptococcus neoformans during Sexual Reproduction. PLoS Genetics, 2012, 8, e1002810.	3.5	54
22	Discovery of a Modified Tetrapolar Sexual Cycle in Cryptococcus amylolentus and the Evolution of MAT in the Cryptococcus Species Complex. PLoS Genetics, 2012, 8, e1002528.	3.5	54
23	Sex-induced silencing defends the genome of <i>Cryptococcus neoformans</i> via RNAi. Genes and Development, 2010, 24, 2566-2582.	5.9	134
24	Assessment of Constitutive Activity of a G Protein-Coupled Receptor, Cpr2, in Cryptococcus neoformans by Heterologous and Homologous Methods. Methods in Enzymology, 2010, 484, 397-412.	1.0	2
25	Spores as Infectious Propagules of<i>Cryptococcus neoformans</i>. Infection and Immunity, 2009, 77, 4345-4355.	2.2	299
26	A constitutively active GPCR governs morphogenic transitions in Cryptococcus neoformans. EMBO Journal, 2009, 28, 1220-1233.	7.8	63
27	Magnificent seven: roles of G protein-coupled receptors in extracellular sensing in fungi. FEMS Microbiology Reviews, 2008, 32, 1010-1032.	8.6	165
28	The RGS protein Crg2 regulates both pheromone and cAMP signalling in <i>Cryptococcus neoformans</i>. Molecular Microbiology, 2008, 70, 379-395.	2.5	53
29	Orchestration of sexual reproduction and virulence by the fungal mating-type locus. Current Opinion in Microbiology, 2008, 11, 517-524.	5.1	66
30	Transitions in Sexuality: Recapitulation of an Ancestral Tri- and Tetrapolar Mating System in <i>Cryptococcus neoformans</i>. Eukaryotic Cell, 2008, 7, 1847-1855.	3.4	50
31	G protein signaling governing cell fate decisions involves opposing GÎ± subunits inCryptococcus neoformans. Molecular Biology of the Cell, 2007, 18, 3237-3249.	2.1	64
32	Recombination Hotspots Flank the Cryptococcus Mating-Type Locus: Implications for the Evolution of a Fungal Sex Chromosome. PLoS Genetics, 2006, 2, e184.	3.5	72
33	A Homolog of Ste6, the a -Factor Transporter in Saccharomyces cerevisiae , Is Required for Mating but Not for Monokaryotic Fruiting in Cryptococcus neoformans. Eukaryotic Cell, 2005, 4, 147-155.	3.4	33
34	Evolution of the Mating-Type Locus: The Basidiomycetes. , 0, , 19-34.		25
35	The Mating-Type Locus of Cryptococcus: Evolution of Gene Clusters Governing Sex Determination and Sexual Reproduction from the Phylogenomic Perspective. , 0, , 139-149.		7
36	Sexual Reproduction of Cryptococcus. , 0, , 81-96.		3