Alfons J M Debets

List of Publications by Year
in descending order

39	1,418	361413	345221
papers	citations	20 h-index	36 g-index

39	39	39	1608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allorecognition genes drive reproductive isolation in Podospora anserina. Nature Ecology and Evolution, 2022, 6, 910-923.	7.8	15
2	Dynamics of Aspergillus fumigatus in Azole Fungicide-Containing Plant Waste in the Netherlands (2016â€“2017). Applied and Environmental Microbiology, 2021, 87, .	3.1	20
3	Somatic deficiency causes reproductive parasitism in a fungus. Nature Communications, 2021, 12, 783.	12.8	11
4	Selective Flamingo Medium for the Isolation of Aspergillus fumigatus. Microorganisms, 2021, 9, 1155.	3.6	3
5	Cytoplasmic Mixing, Not Nuclear Coexistence, Can Explain Somatic Incompatibility in Basidiomycetes. Microorganisms, 2021, 9, 1248.	3.6	4
6	Azole-Resistance Development; How the Aspergillus fumigatus Lifecycle Defines the Potential for Adaptation. Journal of Fungi (Basel, Switzerland), 2021, 7, 599.	3.5	11
7	Flower Bulb Waste Material is a Natural Niche for the Sexual Cycle in Aspergillus fumigatus. Frontiers in Cellular and Infection Microbiology, 2021, 11, 785157.	3.9	3
8	The Medical Triazole Voriconazole Can Select for Tandem Repeat Variations in Azole-Resistant Aspergillus Fumigatus Harboring TR34/L98H Via Asexual Reproduction. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45	3.5	7
9	Parasexual recombination enablesAspergillus fumigatusto persist in cystic fibrosis. ERJ Open Research, 2020, 6, 00020-2020.	2.6	18
10	The taxonomy of the model filamentous fungus Podospora anserina. MycoKeys, 2020, 75, 51-69.	1.9	6
11	Environmental Hotspots for Azole Resistance Selection of Aspergillus fumigatus, the Netherlands. Emerging Infectious Diseases, 2019, 25, 1347-1353.	4.3	95
12	Mutation-rate plasticity and the germline of unicellular organisms. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190128.	2.6	9
13	Relevance of heterokaryosis for adaptation and azole-resistance development in Aspergillus fumigatus. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182886.	2.6	15
14	Mosaic structure of the fungal community in the Kislo-Sladkoe Lake that is detaching from the White Sea. Polar Biology, 2018, 41, 2075-2089.	1.2	6
15	The obligate alkalophilic sodaâ€lake fungus Sodiomyces alkalinus has shifted to a protein diet. Molecular Ecology, 2018, 27, 4808-4819.	3.9	20
16	Phylogeny of Paecilomyces, the causal agent of pistachio and some other trees dieback disease in Iran. PLoS ONE, 2018, 13, e0200794.	2.5	16
17	Evolution of cross-resistance to medical triazoles inAspergillus fumigatusthrough selection pressure of environmental fungicides. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170635.	2.6	51
18	A Novel Environmental Azole Resistance Mutation in Aspergillus fumigatus and a Possible Role of Sexual Reproduction in Its Emergence. MBio, 2017, 8, .	4.1	104

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19	The alkalophilic fungus Sodiomyces alkalinus hosts beta- and gammapartitiviruses together with a new fusarivirus. PLoS ONE, 2017, 12, e0187799.	2.5	21
20	Experimental evolution reveals that high relatedness protects multicellular cooperation from cheaters. Nature Communications, 2016, 7, 11435.	12.8	57
21	In-host adaptation and acquired triazole resistance in Aspergillus fumigatus : a dilemma for clinical management. Lancet Infectious Diseases, The, 2016, 16, e251-e260.	9.1	123
22	On the diversity of fungi from soda soils. Fungal Diversity, 2016, 76, 27-74.	12.3	116
23	The diversity of microfungi in peatlands originated from the White Sea. Mycologia, 2016, 108, 233-254.	1.9	22
24	Experimental demonstration of the benefits of somatic fusion and the consequences for allorecognition. Evolution; International Journal of Organic Evolution, 2015, 69, 1091-1099.	2.3	31
25	Asexual sporulation facilitates adaptation: The emergence of azole resistance inAspergillus fumigatus. Evolution; International Journal of Organic Evolution, 2015, 69, 2573-2586.	2.3	35
26	Signal Transduction by a Fungal NOD-Like Receptor Based on Propagation of a Prion Amyloid Fold. PLoS Biology, 2015, 13, e1002059.	5.6	73
27	Natural Variation of Heterokaryon Incompatibility Gene het-c in Podospora anserina Reveals Diversifying Selection. Molecular Biology and Evolution, 2014, 31, 962-974.	8.9	30
28	Does autophagy mediate age-dependent effect of dietary restriction responses in the filamentous fungus Podospora anserina ?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130447.	4.0	6
29	Biology and Genetics of Vegetative Incompatibility in Fungi. , 2014, , 274-288.		24
30	Are alkalitolerant fungi of the Emericellopsis lineage (Bionectriaceae) of marine origin?. IMA Fungus, 2013, 4, 213-228.	3.8	57
31	High natural prevalence of a fungal prion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10432-10437.	7.1	53
32	The social evolution of somatic fusion. BioEssays, 2008, 30, 1193-1203.	2.5	50
33	Mitochondrial pAL2â€1 plasmid homologs are senescence factors in Podospora anserina independent of intrinsic senescence. Biotechnology Journal, 2008, 3, 791-802.	3.5	25
34	Mitotic Recombination Accelerates Adaptation in the Fungus Aspergillus nidulans. PLoS Genetics, 2007, 3, e68.	3.5	103
35	The evolution of nonâ€“reciprocal nuclear exchange in mushrooms as a consequence of genomic conflict. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1235-1241.	2.6	29
36	Male and female roles in crosses of Aspergillus nidulans as revealed by vegetatively incompatible parents. Fungal Genetics and Biology, 2003, 39, 136-141.	2.1	18

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37	Spore-Killing Meiotic Drive Factors in a Natural Population of the Fungus Podospora anserina. Genetics, 2000, 156, 593-605.	2.9	37
38	Heterokaryon incompatibility blocks virus transfer among natural isolates of black Aspergilli. Current Genetics, 1997, 32, 209-217.	1.7	61
39	Genetic analysis of Aspergillus niger: Isolation of chlorate resistance mutants, their use in mitotic mapping and evidence for an eighth linkage group. Molecular Genetics and Genomics, 1990, 221, 453-458.	2.4	33