

Alfons J M Debets

List of Publications by Year in descending order

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39
papers

1,418
citations

361413

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h-index

345221

36
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all docs

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docs citations

39
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	In-host adaptation and acquired triazole resistance in <i>Aspergillus fumigatus</i> : a dilemma for clinical management. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e251-e260.	9.1	123
2	On the diversity of fungi from soda soils. <i>Fungal Diversity</i> , 2016, 76, 27-74.	12.3	116
3	A Novel Environmental Azole Resistance Mutation in <i>Aspergillus fumigatus</i> and a Possible Role of Sexual Reproduction in Its Emergence. <i>MBio</i> , 2017, 8, .	4.1	104
4	Mitotic Recombination Accelerates Adaptation in the Fungus <i>Aspergillus nidulans</i> . <i>PLoS Genetics</i> , 2007, 3, e68.	3.5	103
5	Environmental Hotspots for Azole Resistance Selection of <i>Aspergillus fumigatus</i> , the Netherlands. <i>Emerging Infectious Diseases</i> , 2019, 25, 1347-1353.	4.3	95
6	Signal Transduction by a Fungal NOD-Like Receptor Based on Propagation of a Prion Amyloid Fold. <i>PLoS Biology</i> , 2015, 13, e1002059.	5.6	73
7	Heterokaryon incompatibility blocks virus transfer among natural isolates of black <i>Aspergilli</i> . <i>Current Genetics</i> , 1997, 32, 209-217.	1.7	61
8	Are alkalitolerant fungi of the <i>Emericellopsis</i> lineage (Bionectriaceae) of marine origin?. <i>IMA Fungus</i> , 2013, 4, 213-228.	3.8	57
9	Experimental evolution reveals that high relatedness protects multicellular cooperation from cheaters. <i>Nature Communications</i> , 2016, 7, 11435.	12.8	57
10	High natural prevalence of a fungal prion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10432-10437.	7.1	53
11	Evolution of cross-resistance to medical triazoles in <i>Aspergillus fumigatus</i> through selection pressure of environmental fungicides. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170635.	2.6	51
12	The social evolution of somatic fusion. <i>BioEssays</i> , 2008, 30, 1193-1203.	2.5	50
13	Spore-Killing Meiotic Drive Factors in a Natural Population of the Fungus <i>Podospora anserina</i> . <i>Genetics</i> , 2000, 156, 593-605.	2.9	37
14	Asexual sporulation facilitates adaptation: The emergence of azole resistance in <i>Aspergillus fumigatus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2573-2586.	2.3	35
15	Genetic analysis of <i>Aspergillus niger</i> : Isolation of chlorate resistance mutants, their use in mitotic mapping and evidence for an eighth linkage group. <i>Molecular Genetics and Genomics</i> , 1990, 221, 453-458.	2.4	33
16	Experimental demonstration of the benefits of somatic fusion and the consequences for allorecognition. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1091-1099.	2.3	31
17	Natural Variation of Heterokaryon Incompatibility Gene <i>het-c</i> in <i>Podospora anserina</i> Reveals Diversifying Selection. <i>Molecular Biology and Evolution</i> , 2014, 31, 962-974.	8.9	30
18	The evolution of non-reciprocal nuclear exchange in mushrooms as a consequence of genomic conflict. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1235-1241.	2.6	29

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19	Mitochondrial pAL2 plasmid homologs are senescence factors in <i>Podospora anserina</i> independent of intrinsic senescence. <i>Biotechnology Journal</i> , 2008, 3, 791-802.	3.5	25
20	Biology and Genetics of Vegetative Incompatibility in Fungi. , 2014, , 274-288.		24
21	The diversity of microfungi in peatlands originated from the White Sea. <i>Mycologia</i> , 2016, 108, 233-254.	1.9	22
22	The alkalophilic fungus <i>Sodiomyces alkalinus</i> hosts beta- and gammapartitiviruses together with a new fusarivirus. <i>PLoS ONE</i> , 2017, 12, e0187799.	2.5	21
23	The obligate alkalophilic soda lake fungus <i>Sodiomyces alkalinus</i> has shifted to a protein diet. <i>Molecular Ecology</i> , 2018, 27, 4808-4819.	3.9	20
24	Dynamics of <i>Aspergillus fumigatus</i> in Azole Fungicide-Containing Plant Waste in the Netherlands (2016–2017). <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	20
25	Male and female roles in crosses of <i>Aspergillus nidulans</i> as revealed by vegetatively incompatible parents. <i>Fungal Genetics and Biology</i> , 2003, 39, 136-141.	2.1	18
26	Parasexual recombination enables <i>Aspergillus fumigatus</i> to persist in cystic fibrosis. <i>ERJ Open Research</i> , 2020, 6, 00020-2020.	2.6	18
27	Phylogeny of <i>Paecilomyces</i> , the causal agent of pistachio and some other trees dieback disease in Iran. <i>PLoS ONE</i> , 2018, 13, e0200794.	2.5	16
28	Relevance of heterokaryosis for adaptation and azole-resistance development in <i>Aspergillus fumigatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182886.	2.6	15
29	Allorecognition genes drive reproductive isolation in <i>Podospora anserina</i> . <i>Nature Ecology and Evolution</i> , 2022, 6, 910-923.	7.8	15
30	Somatic deficiency causes reproductive parasitism in a fungus. <i>Nature Communications</i> , 2021, 12, 783.	12.8	11
31	Azole-Resistance Development; How the <i>Aspergillus fumigatus</i> Lifecycle Defines the Potential for Adaptation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 599.	3.5	11
32	Mutation-rate plasticity and the germline of unicellular organisms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190128.	2.6	9
33	The Medical Triazole Voriconazole Can Select for Tandem Repeat Variations in Azole-Resistant <i>Aspergillus Fumigatus</i> Harboring TR34/L98H Via Asexual Reproduction. <i>Journal of Fungi (Basel, Switzerland)</i> 10.7843/jf.2021.07.001		
34	Does autophagy mediate age-dependent effect of dietary restriction responses in the filamentous fungus <i>Podospora anserina</i> ?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130447.	4.0	6
35	Mosaic structure of the fungal community in the Kislo-Sladkoe Lake that is detaching from the White Sea. <i>Polar Biology</i> , 2018, 41, 2075-2089.	1.2	6
36	The taxonomy of the model filamentous fungus <i>Podospora anserina</i> . <i>MycKeys</i> , 2020, 75, 51-69.	1.9	6

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37	Cytoplasmic Mixing, Not Nuclear Coexistence, Can Explain Somatic Incompatibility in Basidiomycetes. <i>Microorganisms</i> , 2021, 9, 1248.	3.6	4
38	Selective Flamingo Medium for the Isolation of <i>Aspergillus fumigatus</i> . <i>Microorganisms</i> , 2021, 9, 1155.	3.6	3
39	Flower Bulb Waste Material is a Natural Niche for the Sexual Cycle in <i>Aspergillus fumigatus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 785157.	3.9	3