

Christina Dixelius

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,982
citations

185998

28
h-index

174990

52
g-index

71
all docs

71
docs citations

71
times ranked

3617
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Phytophthora infestans</i> effector AVR3a is essential for virulence and manipulates plant immunity by stabilizing host E3 ligase CMPG1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9909-9914.	3.3	412
2	The Plasmodiophora brassicae genome reveals insights in its life cycle and ancestry of chitin synthases. Scientific Reports, 2015, 5, 11153.	1.6	202
3	Early Responses in the Arabidopsis-Verticillium longisporum Pathosystem Are Dependent on NDR1, JA- and ET-Associated Signals via Cytosolic NPR1 and RFO1. Molecular Plant-Microbe Interactions, 2006, 19, 958-969.	1.4	130
4	A novel role of PR2 in abscisic acid (ABA) mediated, pathogen-induced callose deposition in Arabidopsis thaliana. New Phytologist, 2013, 200, 1187-1199.	3.5	129
5	Taxonomic characterization and plant colonizing abilities of some bacteria related to Bacillus amyloliquefaciens and Bacillus subtilis. FEMS Microbiology Ecology, 2004, 48, 249-259.	1.3	126
6	Plant-mediated gene silencing restricts growth of the potato late blight pathogen Phytophthora infestans. Journal of Experimental Botany, 2015, 66, 2785-2794.	2.4	124
7	Characterisation of an Arabidopsis-Leptosphaeria maculans pathosystem: resistance partially requires camalexin biosynthesis and is independent of salicylic acid, ethylene and jasmonic acid signalling. Plant Journal, 2004, 37, 9-20.	2.8	100
8	Tracing the Origin of the Fungal $\hat{1}$ Domain Places Its Ancestor in the HMG-Box Superfamily: Implication for Fungal Mating-Type Evolution. PLoS ONE, 2010, 5, e15199.	1.1	93
9	ABA Is Required for Leptosphaeria maculans Resistance via ABI1- and ABI4-Dependent Signaling. Molecular Plant-Microbe Interactions, 2007, 20, 335-345.	1.4	90
10	RLM3, a TIR domain encoding gene involved in broad-range immunity of Arabidopsis to necrotrophic fungal pathogens. Plant Journal, 2008, 55, 188-200.	2.8	88
11	Evidence for Small RNAs Homologous to Effector-Encoding Genes and Transposable Elements in the Oomycete Phytophthora infestans. PLoS ONE, 2012, 7, e51399.	1.1	79
12	UV dose-dependent DNA elimination in asymmetric somatic hybrids between Brassica napus and Arabidopsis thaliana. Plant Science, 1998, 131, 65-76.	1.7	74
13	Genome analysis of the sugar beet pathogen Rhizoctonia solani AG2-2IIIB revealed high numbers in secreted proteins and cell wall degrading enzymes. BMC Genomics, 2016, 17, 245.	1.2	69
14	Evidence for involvement of Dicer-like, Argonaute and histone deacetylase proteins in gene silencing in Phytophthora infestans. Molecular Plant Pathology, 2011, 12, 772-785.	2.0	64
15	Identification of the causal agent of Verticillium wilt of winter oilseed rape in Sweden, V. longisporum. Mycological Research, 2002, 106, 570-578.	2.5	58
16	A Network of HMG-box Transcription Factors Regulates Sexual Cycle in the Fungus Podospora anserina. PLoS Genetics, 2013, 9, e1003642.	1.5	58
17	A LysM effector protein from the basidiomycete Rhizoctonia solani contributes to virulence through suppression of chitin-triggered immunity. Molecular Genetics and Genomics, 2019, 294, 1211-1218.	1.0	53
18	Evolutionary Origins of Rhizarian Parasites. Molecular Biology and Evolution, 2016, 33, 980-983.	3.5	47

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19	Brassica napus (+) B. tournefortii, a somatic hybrid containing traits of agronomic importance for rapeseed breeding. <i>Plant Science</i> , 1995, 109, 75-86.	1.7	46
20	Phylogenetic analysis of <i>Verticillium</i> species based on nuclear and mitochondrial sequences. <i>Archives of Microbiology</i> , 2004, 181, 435-442.	1.0	43
21	Can silencing of transposons contribute to variation in effector gene expression in <i>Phytophthora infestans</i> ? <i>Mobile Genetic Elements</i> , 2012, 2, 110-114.	1.8	43
22	<i>Phytophthora infestans</i> Argonaute 1 binds microRNA and small RNA from effector genes and transposable elements. <i>New Phytologist</i> , 2016, 211, 993-1007.	3.5	41
23	Plant Host Range of <i>Verticillium longisporum</i> and <i>Microsclerotia</i> Density in Swedish Soils. <i>European Journal of Plant Pathology</i> , 2006, 114, 139-149.	0.8	40
24	Estimation of Genetic Variation Among <i>Verticillium</i> Isolates using AFLP Analysis. <i>European Journal of Plant Pathology</i> , 2003, 109, 361-371.	0.8	38
25	A highly conserved NB-LRR encoding gene cluster effective against <i>Setosphaeria turcica</i> in sorghum. <i>BMC Plant Biology</i> , 2011, 11, 151.	1.6	35
26	Tracing the ancient origins of plant innate immunity. <i>Trends in Plant Science</i> , 2007, 12, 334-342.	4.3	34
27	Two loci in sorghum with NB-LRR encoding genes confer resistance to <i>Colletotrichum sublineolum</i> . <i>Theoretical and Applied Genetics</i> , 2012, 124, 1005-1015.	1.8	34
28	Studies on the mechanism of resistance to <i>Bipolaris sorokiniana</i> in the barley lesion mimic mutant <i>bst1</i> . <i>Molecular Plant Pathology</i> , 2009, 10, 587-598.	2.0	31
29	New kid on the block – the clubroot pathogen genome moves the plasmodiophorids into the genomic era. <i>European Journal of Plant Pathology</i> , 2016, 145, 531-542.	0.8	30
30	The Large Subunit rDNA Sequence of <i>Plasmodiophora brassicae</i> Does not Contain Intra-species Polymorphism. <i>Protist</i> , 2016, 167, 544-554.	0.6	30
31	Genetic and morphological evidence for introgression between three species of willows. <i>BMC Evolutionary Biology</i> , 2015, 15, 193.	3.2	29
32	RabGAP22 Is Required for Defense to the Vascular Pathogen <i>Verticillium longisporum</i> and Contributes to Stomata Immunity. <i>PLoS ONE</i> , 2014, 9, e88187.	1.1	28
33	Fragmentation of tRNA in <i>Phytophthora infestans</i> asexual life cycle stages and during host plant infection. <i>BMC Microbiology</i> , 2014, 14, 308.	1.3	24
34	Analysis of the hybrid genomes of two field isolates of the soil-borne fungal species <i>Verticillium longisporum</i> . <i>BMC Genomics</i> , 2018, 19, 14.	1.2	23
35	Clubroot, a persistent threat to Swedish oilseed rape production. <i>Canadian Journal of Plant Pathology</i> , 2014, 36, 135-141.	0.8	21
36	Overexpression of a <i>Brassica nigra</i> cDNA Gives Enhanced Resistance to <i>Leptosphaeria maculans</i> in <i>B. napus</i> . <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 477-484.	1.4	20

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37	Layers of defense responses to <i>Leptosphaeria maculans</i> below the RLM1 and camalexin-dependent resistances. <i>New Phytologist</i> , 2009, 182, 470-482.	3.5	20
38	Draft genome sequence of the sugar beet pathogen <i>Rhizoctonia solani</i> AG2-2IIIB strain BBA69670. <i>Journal of Biotechnology</i> , 2016, 222, 11-12.	1.9	20
39	Detection of <i>Verticillium</i> species in Swedish soils using real-time PCR. <i>Archives of Microbiology</i> , 2017, 199, 1383-1389.	1.0	20
40	Major latex protein-like encoding genes contribute to <i>Rhizoctonia solani</i> defense responses in sugar beet. <i>Molecular Genetics and Genomics</i> , 2021, 296, 155-164.	1.0	20
41	Susceptibility to <i>Verticillium longisporum</i> is linked to monoterpene production by TPS23/27 in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 81, 572-585.	2.8	19
42	Silencing of the PiAvr3a effector-encoding gene from <i>Phytophthora infestans</i> by transcriptional fusion to a short interspersed element. <i>Fungal Biology</i> , 2011, 115, 1225-1233.	1.1	18
43	The architecture of the <i>Plasmodiophora brassicae</i> nuclear and mitochondrial genomes. <i>Scientific Reports</i> , 2019, 9, 15753.	1.6	17
44	RLM3, a potential adaptor between specific TIR-NB-LRR receptors and DZC proteins. <i>Communicative and Integrative Biology</i> , 2008, 1, 59-61.	0.6	16
45	<i>Xerophyta viscosa</i> Aldose Reductase, XvAld1, Enhances Drought Tolerance in Transgenic Sweetpotato. <i>Molecular Biotechnology</i> , 2018, 60, 203-214.	1.3	16
46	The immunophilin repertoire of <i>Plasmodiophora brassicae</i> and functional analysis of PbcYP3 cyclophilin. <i>Molecular Genetics and Genomics</i> , 2018, 293, 381-390.	1.0	16
47	The RsRlpA Effector Is a Protease Inhibitor Promoting <i>Rhizoctonia solani</i> Virulence through Suppression of the Hypersensitive Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8070.	1.8	16
48	Plant mitochondria and chloroplasts are targeted by the <i>Rhizoctonia solani</i> RsCRP1 effector. <i>Biochemical and Biophysical Research Communications</i> , 2021, 544, 86-90.	1.0	16
49	Presence of the pathogenesis-related proteins 2, Q and S in stressed <i>Brassica napus</i> and <i>B. nigra</i> plantlets. <i>Physiological and Molecular Plant Pathology</i> , 1994, 44, 1-8.	1.3	15
50	The myrosinase-glucosinolate system in the interaction between <i>Leptosphaeria maculans</i> and <i>Brassica napus</i> . <i>Molecular Plant Pathology</i> , 2001, 2, 281-286.	2.0	15
51	Development of a rapid and simple <i>Agrobacterium tumefaciens</i> -mediated transformation system for the fungal pathogen <i>Heterobasidion annosum</i> . <i>FEMS Microbiology Letters</i> , 2006, 255, 82-88.	0.7	15
52	Stop worrying; start growing. <i>EMBO Reports</i> , 2012, 13, 493-497.	2.0	15
53	<i>Phytophthora infestans</i> Ago1-associated miRNA promotes potato late blight disease. <i>New Phytologist</i> , 2022, 233, 443-457.	3.5	14
54	Interactive Effects of Host, Pathogen and Mineral Nutrition on Grey Leaf Spot Epidemics in Uganda. <i>European Journal of Plant Pathology</i> , 2004, 110, 119-128.	0.8	13

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55	B-genome derived resistance to <i>Leptosphaeria maculans</i> in near isogenic <i>Brassica napus</i> lines is independent of glucosinolate profile. <i>Physiologia Plantarum</i> , 2000, 110, 461-468.	2.6	12
56	Genetic variability and genomic divergence of <i>Elymus repens</i> and related species. <i>Plant Systematics and Evolution</i> , 2008, 271, 143-156.	0.3	12
57	European agricultural policy goes down the tubers. <i>Nature Biotechnology</i> , 2012, 30, 492-493.	9.4	10
58	Genome-wide identification of Argonautes in Solanaceae with emphasis on potato. <i>Scientific Reports</i> , 2020, 10, 20577.	1.6	10
59	Phenotypic diversification by gene silencing in <i>Phytophthora</i> plant pathogens. <i>Communicative and Integrative Biology</i> , 2013, 6, e25890.	0.6	9
60	Dominance of Mating Type A1 and Indication of Epigenetic Effects During Early Stages of Mating in <i>Phytophthora infestans</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 252.	1.5	9
61	Transformation of <i>Brassica napus</i> by using the <i>aadA</i> gene as selectable marker and inheritance studies of the marker genes. <i>Physiologia Plantarum</i> , 1994, 92, 37-46.	2.6	9
62	Induced Expression of <i>Xerophyta viscosa</i> <i>XvSap1</i> Gene Enhances Drought Tolerance in Transgenic Sweet Potato. <i>Frontiers in Plant Science</i> , 2019, 10, 1119.	1.7	8
63	smartPARE: An R Package for Efficient Identification of True mRNA Cleavage Sites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4267.	1.8	5
64	Title is missing!. <i>Euphytica</i> , 2000, 115, 181-190.	0.6	4
65	<i>Rhizoctonia solani</i> Infection Assay of Young Sugar Beet and <i>Arabidopsis</i> plantlets. <i>Bio-protocol</i> , 2022, 12, e4300.	0.2	2