Elisabeth Fournier

List of Publications by Year
in descending order

35 papers	4,579 citations	230014 27 h-index	425179 34 g-index
41 all docs	41 docs citations	41 times ranked	5303 citing authors

#	Article	IF	Citations
1	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	1.5	902
2	The Rice Resistance Protein Pair RGA4/RGA5 Recognizes the <i>Magnaporthe oryzae</i> Effectors AVR-Pia and AVR1-CO39 by Direct Binding Â. Plant Cell, 2013, 25, 1463-1481.	3.1	466
3	<i>Botrytis cinerea</i>virulence factors: new insights into a necrotrophic and polyphageous pathogen. FEMS Microbiology Letters, 2007, 277, 1-10.	0.7	392
4	Emergence of wheat blast in Bangladesh was caused by a South American lineage of Magnaporthe oryzae. BMC Biology, 2016, 14, 84.	1.7	355
5	Arms race coâ€evolution of <i>Magnaporthe oryzae AVRâ€Pik</i> and rice <i>Pik</i> genes driven by their physical interactions. Plant Journal, 2012, 72, 894-907.	2.8	249
6	PHYLOGENETIC EVIDENCE OF HOST-SPECIFIC CRYPTIC SPECIES IN THE ANTHER SMUT FUNGUS. Evolution; International Journal of Organic Evolution, 2007, 61, 15-26.	1.1	209
7	Structure Analysis Uncovers a Highly Diverse but Structurally Conserved Effector Family in Phytopathogenic Fungi. PLoS Pathogens, 2015, 11, e1005228.	2.1	188
8	Challenges of microsatellite isolation in fungi. Fungal Genetics and Biology, 2007, 44, 933-949.	0.9	166
9	Gene Flow between Divergent Cereal- and Grass-Specific Lineages of the Rice Blast Fungus <i>Magnaporthe oryzae</i>. MBio, 2018, 9, .	1.8	163
10	<i>Botrytis pseudocinerea</i>, a New Cryptic Species Causing Gray Mold in French Vineyards in Sympatry with<i>Botrytis cinerea</i>. Phytopathology, 2011, 101, 1433-1445.	1.1	146
11	Partition of the Botrytis cinerea complex in France using multiple gene genealogies. Mycologia, 2005, 97, 1251-1267.	0.8	112
12	Rapidly evolving genes in pathogens: Methods for detecting positive selection and examples among fungi, bacteria, viruses and protists. Infection, Genetics and Evolution, 2009, 9, 656-670.	1.0	100
13	Deciphering Genome Content and Evolutionary Relationships of Isolates from the Fungus<i>Magnaporthe oryzae</i>Attacking Different Host Plants. Genome Biology and Evolution, 2015, 7, 2896-2912.	1.1	96
14	Southâ€East Asia is the center of origin, diversity and dispersion of the rice blast fungus, <i>Magnaporthe oryzae</i>. New Phytologist, 2014, 201, 1440-1456.	3.5	95
15	Sex at the origin: an Asian population of the rice blast fungus <i>Magnaporthe oryzae</i> reproduces sexually. Molecular Ecology, 2012, 21, 1330-1344.	2.0	91
16	Characterization of Bc-<i>hch,</i>the<i>Botrytis cinerea</i>homolog of the<i>Neurospora crassa</i><i>het-c</i>vegetative incompatibility locus, and its use as a population marker. Mycologia, 2003, 95, 251-261.	0.8	82
17	Effects of newly planted hedges on ground-beetle diversity (Coleoptera, Carabidae) in an agricultural landscape. Ecography, 1999, 22, 87-97.	2.1	78
18	Title is missing!. Landscape Ecology, 2001, 16, 17-32.	1.9	77

#	Article	IF	Citations
19	Pathogen effectors and plant immunity determine specialization of the blast fungus to rice subspecies. ELife, 2016, 5, .	2.8	67
20	Funybase: a Fungal phylogenomic database. BMC Bioinformatics, 2008, 9, 456.	1.2	60
21	Coexistence of Multiple Endemic and Pandemic Lineages of the Rice Blast Pathogen. MBio, 2018, 9, .	1.8	59
22	Microsatellite loci to recognize species for the cheese starter and contaminating strains associated with cheese manufacturing. International Journal of Food Microbiology, 2010, 137, 204-213.	2.1	56
23	Population structure and temporal maintenance of the multihost fungal pathogen <scp><i>B</i></scp><i>otrytis cinerea</i>: causes and implications for disease management. Environmental Microbiology, 2015, 17, 1261-1274.	1.8	44
24	<i>Pyricularia graminisâ€tritici </i>is not the correct species name for the wheat blast fungus: response to Ceresini <i>etÂal</i>. (MPP 20:2). Molecular Plant Pathology, 2019, 20, 173-179.	2.0	42
25	Genes under positive selection in a model plant pathogenic fungus, Botrytis. Infection, Genetics and Evolution, 2012, 12, 987-996.	1.0	40
26	The â€˜<scp>D</scp>r <scp>J</scp>ekyll and <scp>M</scp>r <scp>H</scp>yde fungusâ€™: noble rot versus gray mold symptoms of <i><scp>B</scp>otrytis cinerea</i> on grapes. Evolutionary Applications, 2013, 6, 960-969.	1.5	40
27	World Population Structure and Migration of the Rice Blast Fungus, Magnaporthe oryzae. , 2009, , 209-215.		36
28	Asexual reproduction induces a rapid and permanent loss of sexual reproduction capacity in the rice fungal pathogen Magnaporthe oryzae: results of in vitroexperimental evolution assays. BMC Evolutionary Biology, 2012, 12, 42.	3.2	36
29	Foraging activity of the carabid beetle Pterostichus melanarius Ill. in field margin habitats. Agriculture, Ecosystems and Environment, 2002, 89, 253-259.	2.5	24
30	Activity and satiation state in Pterostichus melanarius : an experiment in different agricultural habitats. Ecological Entomology, 2001, 26, 235-244.	1.1	22
31	Evolution of Compatibility Range in the Riceâ^'<i>Magnaporthe oryzae</i> System: An Uneven Distribution of R Genes Between Rice Subspecies. Phytopathology, 2016, 106, 348-354.	1.1	21
32	A Genomic Approach to Develop a New qPCR Test Enabling Detection of the <i>Pyricularia oryzae</i> Lineage Causing Wheat Blast. Plant Disease, 2020, 104, 60-70.	0.7	20
33	A PCR, qPCR, and LAMP Toolkit for the Detection of the Wheat Blast Pathogen in Seeds. Plants, 2020, 9, 277.	1.6	15
34	The variety mixture strategy assessed in a G Ã— G experiment with rice and the blast fungus Magnaporthe oryzae. Frontiers in Genetics, 2013, 4, 312.	1.1	10
35	Emergence of Southern Rice Black-Streaked Dwarf Virus in the Centuries-Old Chinese Yuanyang Agrosystem of Rice Landraces. Viruses, 2019, 11, 985.	1.5	7