

Simone Oberhaensli

List of Publications by Year in descending order

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9
papers

1,477
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1871
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Expansion and Gene Loss in Powdery Mildew Fungi Reveal Tradeoffs in Extreme Parasitism. <i>Science</i> , 2010, 330, 1543-1546.	12.6	725
2	The wheat powdery mildew genome shows the unique evolution of an obligate biotroph. <i>Nature Genetics</i> , 2013, 45, 1092-1096.	21.4	236
3	Multiple Avirulence Loci and Allele-Specific Effector Recognition Control the <i>Pm3</i> Race-Specific Resistance of Wheat to Powdery Mildew. <i>Plant Cell</i> , 2015, 27, tpc.15.00171.	6.6	135
4	<i>AvrPm2</i> encodes an RNase-like avirulence effector which is conserved in the two different specialized forms of wheat and rye powdery mildew fungus. <i>New Phytologist</i> , 2017, 213, 1301-1314.	7.3	112
5	The <i>AvrPm3</i> - <i>Pm3</i> effector-NLR interactions control both race-specific resistance and host-specificity of cereal mildews on wheat. <i>Nature Communications</i> , 2019, 10, 2292.	12.8	103
6	A major invasion of transposable elements accounts for the large size of the <i>Blumeria graminis</i> f.sp. <i>tritici</i> genome. <i>Functional and Integrative Genomics</i> , 2011, 11, 671-677.	3.5	50
7	Genetic and molecular characterization of a locus involved in avirulence of <i>Blumeria graminis</i> f. sp. <i>tritici</i> on wheat <i>Pm3</i> resistance alleles. <i>Fungal Genetics and Biology</i> , 2015, 82, 181-192.	2.1	50
8	Comparative sequence analysis of wheat and barley powdery mildew fungi reveals gene colinearity, dates divergence and indicates host-pathogen co-evolution. <i>Fungal Genetics and Biology</i> , 2011, 48, 327-334.	2.1	33
9	Evolution of the EKA family of powdery mildew avirulence-effector genes from the ORF 1 of a LINE retrotransposon. <i>BMC Genomics</i> , 2015, 16, 917.	2.8	33