

Michael J Jeger

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

476
citations

623734

14
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Global challenges facing plant pathology: multidisciplinary approaches to meet the food security and environmental challenges in the mid-twenty-first century. <i>CABI Agriculture and Bioscience</i> , 2021, 2, .	2.4	48
2	The Epidemiology of Plant Virus Disease: Towards a New Synthesis. <i>Plants</i> , 2020, 9, 1768.	3.5	42
3	Modeling Virus Coinfection to Inform Management of Maize Lethal Necrosis in Kenya. <i>Phytopathology</i> , 2017, 107, 1095-1108.	2.2	41
4	The effect of transmission route on plant virus epidemic development and disease control. <i>Journal of Theoretical Biology</i> , 2009, 258, 198-207.	1.7	33
5	Network formation by rhizomorphs of <i>Armillaria lutea</i> in natural soil: their description and ecological significance. <i>FEMS Microbiology Ecology</i> , 2007, 62, 222-232.	2.7	31
6	The evolution of plant virus transmission pathways. <i>Journal of Theoretical Biology</i> , 2016, 396, 75-89.	1.7	30
7	Population biology and epidemiology of plant virus epidemics: from tripartite to tritrophic interactions. <i>European Journal of Plant Pathology</i> , 2012, 133, 3-23.	1.7	28
8	Coinfections by noninteracting pathogens are not independent and require new tests of interaction. <i>PLoS Biology</i> , 2019, 17, e3000551.	5.6	26
9	Modelling Vector Transmission and Epidemiology of Co-Infecting Plant Viruses. <i>Viruses</i> , 2019, 11, 1153.	3.3	23
10	The impact of climate change on disease in wild plant populations and communities. <i>Plant Pathology</i> , 2022, 71, 111-130.	2.4	23
11	Management of strawberry grey mould using mixtures of biocontrol agents with different mechanisms of action. <i>Biocontrol Science and Technology</i> , 2009, 19, 1051-1065.	1.3	22
12	Adaptation to the cost of resistance: a model of compensation, recombination, and selection in a haploid organism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 85-89.	2.6	20
13	Epidemiological and ecological consequences of virus manipulation of host and vector in plant virus transmission. <i>PLoS Computational Biology</i> , 2021, 17, e1009759.	3.2	19
14	The evolution of parasitic and mutualistic plant-virus symbioses through transmission-virulence trade-offs. <i>Virus Research</i> , 2017, 241, 77-87.	2.2	18
15	The basic reproduction number of vector-borne plant virus epidemics. <i>Virus Research</i> , 2017, 241, 196-202.	2.2	18
16	The Epidemiology of <i>Xylella fastidiosa</i> ; A Perspective on Current Knowledge and Framework to Investigate Plant Host-Vector-Pathogen Interactions. <i>Phytopathology</i> , 2019, 109, 200-209.	2.2	14
17	Spatial pattern of <i>Cercospora</i> leaf spot of sugar beet in fields in long- and recently-established areas. <i>European Journal of Plant Pathology</i> , 2006, 116, 187-198.	1.7	13
18	Adaptation to the cost of resistance in a haploid clonally reproducing organism: The role of mutation, migration and selection. <i>Journal of Theoretical Biology</i> , 2008, 252, 621-632.	1.7	12

#	ARTICLE	IF	CITATIONS
19	Foreword: Integrated plant disease management. <i>European Journal of Plant Pathology</i> , 2012, 133, 1-1.	1.7	3
20	Foreword: plant and canopy architecture impact on disease epidemiology and pest development. <i>European Journal of Plant Pathology</i> , 2013, 135, 453-454.	1.7	3
21	Foreword: Special issue on fungal grapevine diseases. <i>European Journal of Plant Pathology</i> , 2016, 144, 693-694.	1.7	3
22	Foreword "Wild Plant Pathosystems" <i>European Journal of Plant Pathology</i> , 2014, 138, 415-415.	1.7	1