

Christopher A Gilligan

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

6,394
citations

71061

41
h-index

91828

69
g-index

145
all docs

145
docs citations

145
times ranked

5357
citing authors

#	ARTICLE	IF	CITATIONS
1	Wheat rust epidemics damage Ethiopian wheat production: A decade of field disease surveillance reveals national-scale trends in past outbreaks. <i>PLoS ONE</i> , 2021, 16, e0245697.	1.1	8
2	Analytical approximation for invasion and endemic thresholds, and the optimal control of epidemics in spatially explicit individual-based models. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200966.	1.5	3
3	Smallholder Cassava Planting Material Movement and Grower Behavior in Zambia: Implications for the Management of Cassava Virus Diseases. <i>Phytopathology</i> , 2021, 111, 1952-1962.	1.1	7
4	Predicting the potential for spread of emerald ash borer (<i>Agrilus planipennis</i>) in Great Britain: What can we learn from other affected areas?. <i>Plants People Planet</i> , 2021, 3, 402-413.	1.6	5
5	The persistent threat of emerging plant disease pandemics to global food security. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	261
6	Regional Differences in Control Operations during the 2019–2021 Desert Locust Upsurge. <i>Agronomy</i> , 2021, 11, 2529.	1.3	5
7	Modelling and manipulation of aphid-mediated spread of non-persistently transmitted viruses. <i>Virus Research</i> , 2020, 277, 197845.	1.1	39
8	What is pathogen-mediated insect superabundance?. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200229.	1.5	5
9	Three Aphid-Transmitted Viruses Encourage Vector Migration From Infected Common Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT/O 2020, 11, 613772.	1.7	13
10	A modelling framework to assess the likely effectiveness of facemasks in combination with “lock-down” in managing the COVID-19 pandemic. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200376.	1.0	206
11	Estimating epidemiological parameters from experiments in vector access to host plants, the method of matching gradients. <i>PLoS Computational Biology</i> , 2020, 16, e1007724.	1.5	8
12	Computational models to improve surveillance for cassava brown streak disease and minimize yield loss. <i>PLoS Computational Biology</i> , 2020, 16, e1007823.	1.5	11
13	Will an outbreak exceed available resources for control? Estimating the risk from invading pathogens using practical definitions of a severe epidemic. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200690.	1.5	30
14	Title is missing!. , 2020, 16, e1007823.		0
15	Title is missing!. , 2020, 16, e1007823.		0
16	Title is missing!. , 2020, 16, e1007823.		0
17	Title is missing!. , 2020, 16, e1007823.		0
18	Microsatellite Analysis and Urediniospore Dispersal Simulations Support the Movement of <i>Puccinia graminis</i> f. sp. <i>tritici</i> from Southern Africa to Australia. <i>Phytopathology</i> , 2019, 109, 133-144.	1.1	36

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19	An early warning system to predict and mitigate wheat rust diseases in Ethiopia. <i>Environmental Research Letters</i> , 2019, 14, 115004.	2.2	38
20	Applying optimal control theory to complex epidemiological models to inform real-world disease management. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180284.	1.8	43
21	Pathogenic modification of plants enhances long-distance dispersal of nonpersistently transmitted viruses to new hosts. <i>Ecology</i> , 2019, 100, e02725.	1.5	55
22	Expansion of the cassava brown streak pandemic in Uganda revealed by annual field survey data for 2004 to 2017. <i>Scientific Data</i> , 2019, 6, 327.	2.4	19
23	Management Strategies for Conservation of Tanoak in California Forests Threatened by Sudden Oak Death: A Disease-Community Feedback Modelling Approach. <i>Forests</i> , 2019, 10, 1103.	0.9	3
24	Variability in commercial demand for tree saplings affects the probability of introducing exotic forest diseases. <i>Journal of Applied Ecology</i> , 2019, 56, 180-189.	1.9	3
25	Different Plant Viruses Induce Changes in Feeding Behavior of Specialist and Generalist Aphids on Common Bean That Are Likely to Enhance Virus Transmission. <i>Frontiers in Plant Science</i> , 2019, 10, 1811.	1.7	27
26	Grower and regulator conflict in management of the citrus disease Huanglongbing in Brazil: A modelling study. <i>Journal of Applied Ecology</i> , 2018, 55, 1956-1965.	1.9	22
27	What a Difference a Stochastic Process Makes: Epidemiological-Based Real Options Models of Optimal Treatment of Disease. <i>Environmental and Resource Economics</i> , 2018, 70, 691-711.	1.5	7
28	Viral Manipulation of Plant Stress Responses and Host Interactions With Insects. <i>Advances in Virus Research</i> , 2018, 102, 177-197.	0.9	48
29	Control fast or control smart: When should invading pathogens be controlled?. <i>PLoS Computational Biology</i> , 2018, 14, e1006014.	1.5	46
30	Surveillance to Inform Control of Emerging Plant Diseases: An Epidemiological Perspective. <i>Annual Review of Phytopathology</i> , 2017, 55, 591-610.	3.5	71
31	Risk-based management of invading plant disease. <i>New Phytologist</i> , 2017, 214, 1317-1329.	3.5	60
32	Quantifying airborne dispersal routes of pathogens over continents to safeguard global wheat supply. <i>Nature Plants</i> , 2017, 3, 780-786.	4.7	81
33	Large-Scale Atmospheric Dispersal Simulations Identify Likely Airborne Incursion Routes of Wheat Stem Rust Into Ethiopia. <i>Phytopathology</i> , 2017, 107, 1175-1186.	1.1	28
34	Evidence-based controls for epidemics using spatio-temporal stochastic models in a Bayesian framework. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170386.	1.5	15
35	Dynamical network models for cattle trade: towards economy-based epidemic risk assessment. <i>Journal of Complex Networks</i> , 2017, 5, 604-624.	1.1	10
36	Considering behaviour to ensure the success of a disease control strategy. <i>Royal Society Open Science</i> , 2017, 4, 170721.	1.1	18

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37	Spatial dynamics and control of a crop pathogen with mixed-mode transmission. <i>PLoS Computational Biology</i> , 2017, 13, e1005654.	1.5	29
38	Detecting Presymptomatic Infection Is Necessary to Forecast Major Epidemics in the Earliest Stages of Infectious Disease Outbreaks. <i>PLoS Computational Biology</i> , 2016, 12, e1004836.	1.5	73
39	Market analyses of livestock trade networks to inform the prevention of joint economic and epidemiological risks. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20151099.	1.5	19
40	Modeling when, where, and how to manage a forest epidemic, motivated by sudden oak death in California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5640-5645.	3.3	141
41	Trade-off between disease resistance and crop yield: a landscape-scale mathematical modelling perspective. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160451.	1.5	37
42	Management of invading pathogens should be informed by epidemiology rather than administrative boundaries. <i>Ecological Modelling</i> , 2016, 324, 28-32.	1.2	46
43	Mathematical models are a powerful method to understand and control the spread of Huanglongbing. <i>PeerJ</i> , 2016, 4, e2642.	0.9	52
44	Phenotypic and Genotypic Characterization of Race TKTF of <i>Puccinia graminis</i> f. sp. <i>tritici</i> that Caused a Wheat Stem Rust Epidemic in Southern Ethiopia in 2013-14. <i>Phytopathology</i> , 2015, 105, 917-928.	1.1	202
45	Optimising and Communicating Options for the Control of Invasive Plant Disease When There Is Epidemiological Uncertainty. <i>PLoS Computational Biology</i> , 2015, 11, e1004211.	1.5	61
46	Thirteen challenges in modelling plant diseases. <i>Epidemics</i> , 2015, 10, 6-10.	1.5	145
47	Estimating the Delay between Host Infection and Disease (Incubation Period) and Assessing Its Significance to the Epidemiology of Plant Diseases. <i>PLoS ONE</i> , 2014, 9, e86568.	1.1	52
48	Bayesian inference for an emerging arboreal epidemic in the presence of control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6258-6262.	3.3	55
49	Bayesian Analysis for Inference of an Emerging Epidemic: Citrus Canker in Urban Landscapes. <i>PLoS Computational Biology</i> , 2014, 10, e1003587.	1.5	30
50	Cost-Effective Control of Plant Disease When Epidemiological Knowledge Is Incomplete: Modelling Bahia Bark Scaling of Citrus. <i>PLoS Computational Biology</i> , 2014, 10, e1003753.	1.5	49
51	Rasterising Epidemiological Host Data Efficiently. , 2014, , .		0
52	Optimal control of disease infestations on a lattice. <i>Mathematical Medicine and Biology</i> , 2014, 31, 87-97.	0.8	1
53	Epidemiological analysis of the effects of biofumigation for biological control of root rot in sugar beet. <i>Plant Pathology</i> , 2013, 62, 69-78.	1.2	13
54	The Consequence of Tree Pests and Diseases for Ecosystem Services. <i>Science</i> , 2013, 342, 1235773.	6.0	386

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55	Biodiversity Conservation in the Face of Dramatic Forest Disease: An Integrated Conservation Strategy for Tanoak (<i>Notholithocarpus densiflorus</i>) Threatened by Sudden Oak Death. <i>Madera</i> , 2013, 60, 151-164.	0.3	18
56	Host Growth Can Cause Invasive Spread of Crops by Soilborne Pathogens. <i>PLoS ONE</i> , 2013, 8, e63003.	1.1	10
57	Searching for the most cost-effective strategy for controlling epidemics spreading on regular and small-world networks. <i>Journal of the Royal Society Interface</i> , 2012, 9, 158-169.	1.5	36
58	Time-Dependent Infectivity and Flexible Latent and Infectious Periods in Compartmental Models of Plant Disease. <i>Phytopathology</i> , 2012, 102, 365-380.	1.1	47
59	Ecosystem transformation by emerging infectious disease: loss of large tanoak from California forests. <i>Journal of Ecology</i> , 2012, 100, 712-722.	1.9	111
60	Landscape Epidemiology and Control of Pathogens with Cryptic and Long-Distance Dispersal: Sudden Oak Death in Northern Californian Forests. <i>PLoS Computational Biology</i> , 2012, 8, e1002328.	1.5	78
61	An Epidemiological Framework for Modelling Fungicide Dynamics and Control. <i>PLoS ONE</i> , 2012, 7, e40941.	1.1	10
62	Epidemiological modeling of invasion in heterogeneous landscapes: spread of sudden oak death in California (1990–2030). <i>Ecosphere</i> , 2011, 2, art17.	1.0	140
63	A theoretical framework for biological control of soil-borne plant pathogens: Identifying effective strategies. <i>Journal of Theoretical Biology</i> , 2011, 278, 32-43.	0.8	34
64	The Effect of Heterogeneity on Invasion in Spatial Epidemics: From Theory to Experimental Evidence in a Model System. <i>PLoS Computational Biology</i> , 2011, 7, e1002174.	1.5	30
65	The Effect of Landscape Pattern on the Optimal Eradication Zone of an Invading Epidemic. <i>Phytopathology</i> , 2010, 100, 638-644.	1.1	40
66	Invasion, persistence and control in epidemic models for plant pathogens: the effect of host demography. <i>Journal of the Royal Society Interface</i> , 2010, 7, 439-451.	1.5	38
67	Complexity and anisotropy in host morphology make populations less susceptible to epidemic outbreaks. <i>Journal of the Royal Society Interface</i> , 2010, 7, 1083-1092.	1.5	15
68	Economically optimal timing for crop disease control under uncertainty: an options approach. <i>Journal of the Royal Society Interface</i> , 2010, 7, 1421-1428.	1.5	25
69	Optimal Strategies for the Eradication of Asiatic Citrus Canker in Heterogeneous Host Landscapes. <i>Phytopathology</i> , 2009, 99, 1370-1376.	1.1	47
70	Epidemiological Analysis of Take-All Decline in Winter Wheat. <i>Phytopathology</i> , 2009, 99, 861-868.	1.1	17
71	Changes in fungicide sensitivity and relative species abundance in <i>Oculimacula yallundae</i> and <i>O. acuformis</i> populations (eyespot disease of cereals) in Western Europe. <i>Plant Pathology</i> , 2008, 57, 509-517.	1.2	31
72	Scaling from mycelial growth to infection dynamics: a reaction diffusion approach. <i>Fungal Ecology</i> , 2008, 1, 133-142.	0.7	9

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73	Epidemiological Models for Invasion and Persistence of Pathogens. <i>Annual Review of Phytopathology</i> , 2008, 46, 385-418.	3.5	137
74	Models of Fungicide Resistance Dynamics. <i>Annual Review of Phytopathology</i> , 2008, 46, 123-147.	3.5	102
75	Sustainable agriculture and plant diseases: an epidemiological perspective. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 741-759.	1.8	125
76	Economic incentives and mathematical models of disease. <i>Environment and Development Economics</i> , 2007, 12, 707-732.	1.3	71
77	Optimizing the control of disease infestations at the landscape scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4984-4989.	3.3	90
78	Disease control and its selection for damaging plant virus strains in vegetatively propagated staple food crops; a theoretical assessment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 11-18.	1.2	76
79	Estimation of multiple transmission rates for epidemics in heterogeneous populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20392-20397.	3.3	55
80	Parameter estimation and prediction for the course of a single epidemic outbreak of a plant disease. <i>Journal of the Royal Society Interface</i> , 2007, 4, 865-877.	1.5	15
81	Impact of scale on the effectiveness of disease control strategies for epidemics with cryptic infection in a dynamical landscape: an example for a crop disease. <i>Journal of the Royal Society Interface</i> , 2007, 4, 925-934.	1.5	56
82	Evaluating the Performance of Chemical Control in the Presence of Resistant Pathogens. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 525-537.	0.9	23
83	An Epidemiological Analysis of the Role of Disease-Induced Root Growth in the Differential Response of Two Cultivars of Winter Wheat to Infection by <i>Gaeumannomyces graminis</i> var. <i>tritici</i> . <i>Phytopathology</i> , 2006, 96, 510-516.	1.1	12
84	Large-Scale Fungicide Spray Heterogeneity and the Regional Spread of Resistant Pathogen Strains. <i>Phytopathology</i> , 2006, 96, 549-555.	1.1	46
85	Soil structure and soil-borne diseases: using epidemiological concepts to scale from fungal spread to plant epidemics. <i>European Journal of Soil Science</i> , 2006, 57, 26-37.	1.8	45
86	Bayesian estimation for percolation models of disease spread in plant populations. <i>Statistics and Computing</i> , 2006, 16, 391-402.	0.8	38
87	DAMPING-OFF EPIDEMICS, CONTACT STRUCTURE, AND DISEASE TRANSMISSION IN MIXED-SPECIES POPULATIONS. <i>Ecology</i> , 2005, 86, 1948-1957.	1.5	21
88	Epidemiology and Chemical Control of Take-All on Seminal and Adventitious Roots of Wheat. <i>Phytopathology</i> , 2005, 95, 62-68.	1.1	30
89	Small-Scale Fungicide Spray Heterogeneity and the Coexistence of Resistant and Sensitive Pathogen Strains. <i>Phytopathology</i> , 2005, 95, 632-639.	1.1	40
90	Controlling disease spread on networks with incomplete knowledge. <i>Physical Review E</i> , 2004, 70, 066145.	0.8	49

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91	Using conservation of pattern to estimate spatial parameters from a single snapshot. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9155-9160.	3.3	40
92	Transmission rates and adaptive evolution of pathogens in sympatric heterogeneous plant populations. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2187-2194.	1.2	27
93	Bayesian analysis of botanical epidemics using stochastic compartmental models. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12120-12124.	3.3	36
94	Epidemiological dynamics and the efficiency of biological control of soil-borne disease during consecutive epidemics in a controlled environment. New Phytologist, 2004, 161, 569-575.	3.5	32
95	Empirical evidence of spatial thresholds to control invasion of fungal parasites and saprotrophs. New Phytologist, 2004, 163, 125-132.	3.5	61
96	An empirical method to estimate the effect of soil on the rate for transmission of damping-off disease. New Phytologist, 2004, 162, 231-238.	3.5	12
97	Invasion of drug and pesticide resistance is determined by a trade-off between treatment efficacy and relative fitness. Bulletin of Mathematical Biology, 2004, 66, 825-840.	0.9	34
98	On 'Analytical models for the patchy spread of plant disease?'. Bulletin of Mathematical Biology, 2004, 66, 1027-1037.	0.9	16
99	A Model for the Invasion and Spread of Rhizomania in the United Kingdom: Implications for Disease Control Strategies. Phytopathology, 2004, 94, 209-215.	1.1	39
100	Modeling and Analysis of Disease-Induced Host Growth in the Epidemiology of Take-All. Phytopathology, 2004, 94, 535-540.	1.1	24
101	Effect of bulk density on the spatial organisation of the fungus Rhizoctonia solani in soil. FEMS Microbiology Ecology, 2003, 44, 45-56.	1.3	100
102	QUANTIFICATION AND ANALYSIS OF TRANSMISSION RATES FOR SOILBORNE EPIDEMICS. Ecology, 2003, 84, 3232-3239.	1.5	37
103	Response of a deterministic epidemiological system to a stochastically varying environment. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9067-9072.	3.3	89
104	Measures of Durability of Resistance. Phytopathology, 2003, 93, 616-625.	1.1	73
105	An epidemiological framework for disease management. Advances in Botanical Research, 2002, 38, 1-64.	0.5	95
106	Extinction times for closed epidemics: the effects of host spatial structure. Ecology Letters, 2002, 5, 747-755.	3.0	58
107	Soil-borne fungal pathogens: scaling-up from hyphal to colony behaviour and the probability of disease transmission. New Phytologist, 2001, 150, 169-177.	3.5	23
108	Invasion and persistence of plant parasites in a spatially structured host population. Oikos, 2001, 94, 162-174.	1.2	67

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109	Soil physics, fungal epidemiology and the spread of <i>Rhizoctonia solani</i> . <i>New Phytologist</i> , 2001, 151, 459-468.	3.5	88
110	The effect of cultivation on the size, shape, and persistence of disease patches in fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 7128-7133.	3.3	21
111	Quantitative Analysis and Model Simplification of an Epidemic Model with Primary and Secondary Infection. <i>Bulletin of Mathematical Biology</i> , 2000, 62, 377-393.	0.9	8
112	Saprotrophic invasion by the soil-borne fungal plant pathogen <i>Rhizoctonia solani</i> and percolation thresholds. <i>New Phytologist</i> , 2000, 146, 535-544.	3.5	96
113	Modelling the effect of temperature on the development of <i>Polymyxa betae</i> . <i>Plant Pathology</i> , 2000, 49, 600-607.	1.2	20
114	Metapopulation dynamics of bubonic plague. <i>Nature</i> , 2000, 407, 903-906.	13.7	216
115	Population Dynamics of Plant-Parasite Interactions: Thresholds for Invasion. <i>Theoretical Population Biology</i> , 2000, 57, 219-233.	0.5	40
116	Invasion thresholds for fungicide resistance: deterministic and stochastic analyses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2539-2549.	1.2	37
117	Selecting hyperparasites for biocontrol of Dutch elm disease. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 437-445.	1.2	22
118	Predicting variability in biological control of a plant-pathogen system using stochastic models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1743-1753.	1.2	50
119	A Model for the Temporal Buildup of <i>Polymyxa betae</i> . <i>Phytopathology</i> , 1999, 89, 30-38.	1.1	24
120	Spatial heterogeneity in three species, plant-parasite-hyperparasite, systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 543-557.	1.8	66
121	A test of heterogeneous mixing as a mechanism for ecological persistence in a disturbed environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 227-232.	1.2	33
122	Population dynamics of botanical epidemics involving primary and secondary infection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 591-608.	1.8	33
123	Biological control in a disturbed environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1935-1949.	1.8	29
124	Asymptotic analysis of an epidemic model with primary and secondary infection. <i>Bulletin of Mathematical Biology</i> , 1997, 59, 1101-1123.	0.9	17
125	Biological control of pathozone behaviour and disease dynamics of <i>Rhizoctonia solani</i> by <i>Trichoderma viride</i> . <i>New Phytologist</i> , 1997, 136, 359-367.	3.5	39
126	Persistence of Host-parasite Interactions in a Disturbed Environment. <i>Journal of Theoretical Biology</i> , 1997, 188, 241-258.	0.8	30

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127	Modelling of early infection of cereal roots by the take-all fungus: a detailed mechanistic simulator. <i>New Phytologist</i> , 1994, 128, 515-537.	3.5	23
128	The effect of sowing date on infection of sugar beet by <i>Polymyxa betae</i> . <i>Plant Pathology</i> , 1992, 41, 148-153.	1.2	21
129	Infection of sugar beet by <i>Polymyxa betae</i> in relation to soil temperature. <i>Plant Pathology</i> , 1991, 40, 257-267.	1.2	39
130	Comparison of disease progress curves. <i>New Phytologist</i> , 1990, 115, 223-242.	3.5	67
131	Antagonistic interactions involving plant pathogens: fitting and analysis of models to non-monotonic curves for population and disease dynamics. <i>New Phytologist</i> , 1990, 115, 649-665.	3.5	17
132	Effects of Self-sown Wheat on Levels of the Take-all Disease on Seedlings of Winter Wheat Grown in a Model System. <i>Journal of Phytopathology</i> , 1990, 129, 46-57.	0.5	6
133	Modelling and Estimation of the Relative Potential for Infection of Winter Wheat by Inoculum of <i>Gaeumannomyces graminis</i> Derived from Propagules and Infected Roots. <i>Journal of Phytopathology</i> , 1990, 129, 58-68.	0.5	11
134	Fitting of simple models for field disease progress data for the take-all fungus. <i>Plant Pathology</i> , 1989, 38, 397-407.	1.2	25
135	A discrete probability model for polycyclic infection by soil-borne plant parasites. <i>New Phytologist</i> , 1988, 109, 183-191.	3.5	7
136	INOCULUM EFFICIENCY AND PATHOZONE WIDTH FOR TWO HOST-PARASITE SYSTEMS. <i>New Phytologist</i> , 1987, 107, 549-566.	3.5	24
137	Size and shape of sampling units for estimating incidence of sharp eyespot, <i>Rhizoctonia cerealis</i> , in plots of wheat. <i>Journal of Agricultural Science</i> , 1982, 99, 461-464.	0.6	5
138	Size and shape of sampling units for estimating incidence of stem canker on oil-seed rape stubble in field plots after swathing. <i>Journal of Agricultural Science</i> , 1980, 94, 493-496.	0.6	7
139	Beet western yellows virus on oilseed rape. <i>Plant Pathology</i> , 1980, 29, 53-53.	1.2	11
140	Estimating expansion of the range of oak processionary moth (<i>Thaumetopoea processionea</i>) in the UK from 2006 to 2019. <i>Agricultural and Forest Entomology</i> , 0, , .	0.7	5
141	The role of pathogen mediated insect superabundance in the east-African emergence of a plant virus. <i>Journal of Ecology</i> , 0, , .	1.9	4