

Marco Beyer

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,250
citations

185998

28
h-index

233125

45
g-index

68
all docs

68
docs citations

68
times ranked

2484
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing septoria leaf blotch forecasts in winter wheat I: the effect of temperature on the temporal distance between critical rainfall periods and the breaking of the control threshold. <i>Journal of Plant Diseases and Protection</i> , 2022, 129, 37-44.	1.6	4
2	Enhancing septoria leaf blotch forecasts in winter wheat II: model architecture and validation results. <i>Journal of Plant Diseases and Protection</i> , 2022, 129, 45-51.	1.6	3
3	<i>Drosophila suzukii</i> population dynamics and control efficiency of mineral dusts with a focus on grape protection. <i>Journal of Applied Entomology</i> , 2022, 146, 396-407.	0.8	1
4	Frequency of Deoxynivalenol Concentrations above the Maximum Limit in Raw Winter Wheat Grain during a 12-Year Multi-Site Survey. <i>Agronomy</i> , 2021, 11, 960.	1.3	6
5	Monitoring Wheat Leaf Rust and Stripe Rust in Winter Wheat Using High-Resolution UAV-Based Red-Green-Blue Imagery. <i>Remote Sensing</i> , 2020, 12, 3696.	1.8	27
6	A Review of the Potential Climate Change Impacts and Adaptation Options for European Viticulture. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3092.	1.3	250
7	Diversity of Mobile Genetic Elements in the Mitogenomes of Closely Related <i>Fusarium culmorum</i> and <i>F. graminearum sensu stricto</i> Strains and Its Implication for Diagnostic Purposes. <i>Frontiers in Microbiology</i> , 2020, 11, 1002.	1.5	11
8	Searching molecular determinants of sensitivity differences towards four demethylase inhibitors in <i>Fusarium graminearum</i> field strains. <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 209-220.	1.6	7
9	BotRisk: simulating the annual bunch rot risk on grapevines (<i>Vitis vinifera</i> L. cv. Riesling) based on meteorological data. <i>International Journal of Biometeorology</i> , 2020, 64, 1571-1582.	1.3	3
10	The debate on a loss of biodiversity: can we derive evidence from the monitoring of major plant pests and diseases in major crops?. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 811-819.	1.6	4
11	An improved life cycle impact assessment principle for assessing the impact of land use on ecosystem services. <i>Science of the Total Environment</i> , 2019, 693, 133374.	3.9	39
12	Natural compounds for controlling <i>Drosophila suzukii</i> . A review. <i>Agronomy for Sustainable Development</i> , 2019, 39, 1.	2.2	25
13	Semi-Minimal Pruned Hedge: A Potential Climate Change Adaptation Strategy in Viticulture. <i>Agronomy</i> , 2019, 9, 173.	1.3	14
14	An eight-year survey of wheat shows distinctive effects of cropping factors on different <i>Fusarium</i> species and associated mycotoxins. <i>European Journal of Agronomy</i> , 2019, 105, 62-77.	1.9	56
15	Yellow rust does not like cold winters. But how to find out which temperature and time frames could be decisive in vivo?. <i>Journal of Plant Pathology</i> , 2019, 101, 539-546.	0.6	6
16	Winter honey bee colony losses, <i>Varroa destructor</i> control strategies, and the role of weather conditions: Results from a survey among beekeepers. <i>Research in Veterinary Science</i> , 2018, 118, 52-60.	0.9	43
17	Efficacy of fenhexamid treatments against <i>Botrytis cinerea</i> in grapevine as affected by time of application and meteorological conditions. <i>Crop Protection</i> , 2018, 110, 1-13.	1.0	8
18	Antifungal Activity of Saponins from the Fruit Pericarp of <i>Sapindus mukorossi</i> against <i>Venturia inaequalis</i> and <i>Botrytis cinerea</i> . <i>Plant Disease</i> , 2018, 102, 991-1000.	0.7	25

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19	Development of a Highly Sensitive FcMito qPCR Assay for the Quantification of the Toxigenic Fungal Plant Pathogen <i>Fusarium culmorum</i> . <i>Toxins</i> , 2018, 10, 211.	1.5	23
20	Pesticide residue profiles in bee bread and pollen samples and the survival of honeybee colonies—a case study from Luxembourg. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32163-32177.	2.7	27
21	Overall efficacies of combined measures for controlling grape bunch rot can be estimated by multiplicative consideration of individual effects. <i>Oeno One</i> , 2017, 51, 401-407.	0.7	1
22	A European Database of <i>Fusarium graminearum</i> and <i>F. culmorum</i> Trichothecene Genotypes. <i>Frontiers in Microbiology</i> , 2016, 7, 406.	1.5	124
23	Composition and evaluation of a novel web-based decision support system for grape black rot control. <i>European Journal of Plant Pathology</i> , 2016, 144, 785-798.	0.8	15
24	Meteorological conditions determine the thermal-temporal position of the annual <i>Botrytis</i> bunch rot epidemic on <i>Vitis vinifera</i> L. cv. Riesling grapes. <i>Oeno One</i> , 2016, 50, .	0.7	20
25	The Luxembourg database of trichothecene type B <i>F. graminearum</i> and <i>F. culmorum</i> producers. <i>Bioinformatics</i> , 2016, 12, 1-3.	0.2	14
26	<i>Fusarium</i> species and chemotypes associated with fusarium head blight and fusarium root rot on wheat in Sardinia. <i>Plant Pathology</i> , 2015, 64, 972-979.	1.2	40
27	Virus Status, Varroa Levels, and Survival of 20 Managed Honey Bee Colonies Monitored in Luxembourg Between the Summer of 2011 and the Spring of 2013. <i>Journal of Apicultural Science</i> , 2015, 59, 59-73.	0.1	10
28	Economics of a decision support system for managing the main fungal diseases of winter wheat in the Grand-Duchy of Luxembourg. <i>Field Crops Research</i> , 2015, 172, 32-41.	2.3	23
29	Correlations between land covers and honey bee colony losses in a country with industrialized and rural regions. <i>Science of the Total Environment</i> , 2015, 532, 1-13.	3.9	55
30	Development of an FgMito assay: A highly sensitive mitochondrial based qPCR assay for quantification of <i>Fusarium graminearum sensu stricto</i> . <i>International Journal of Food Microbiology</i> , 2015, 210, 16-23.	2.1	21
31	Flower Debris Removal Delays Grape Bunch Rot Epidemic. <i>American Journal of Enology and Viticulture</i> , 2015, 66, 548-553.	0.9	10
32	Do single, double or triple fungicide sprays differentially affect the grain quality in winter wheat?. <i>Field Crops Research</i> , 2015, 183, 257-266.	2.3	6
33	Forecasting the breaching of the control threshold for <i>Ceutorhynchus pallidactylus</i> in oilseed rape. <i>Agricultural and Forest Entomology</i> , 2015, 17, 71-76.	0.7	8
34	Postponing First Shoot Topping Reduces Grape Cluster Compactness and Delays Bunch Rot Epidemic. <i>American Journal of Enology and Viticulture</i> , 2015, 66, 164-176.	0.9	31
35	A survey on some factors potentially affecting losses of managed honey bee colonies in Luxembourg over the winters 2010/2011 and 2011/2012. <i>Journal of Apicultural Research</i> , 2014, 53, 43-56.	0.7	26
36	Shifted migration of the rape stem weevil <i>Ceutorhynchus napi</i> (Coleoptera: Curculionidae) linked to climate change. <i>European Journal of Entomology</i> , 2014, 111, 243-250.	1.2	13

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37	Epidemiology, identification and disease management of grape black rot and potentially useful metabolites of black rot pathogens for industrial applications—A review. <i>Annals of Applied Biology</i> , 2014, 165, 305-317.	1.3	25
38	Evidence for a reversible drought induced shift in the species composition of mycotoxin producing <i>Fusarium</i> head blight pathogens isolated from symptomatic wheat heads. <i>International Journal of Food Microbiology</i> , 2014, 182-183, 51-56.	2.1	36
39	A High-Resolution Cumulative Degree Day-Based Model to Simulate Phenological Development of Grapevine. <i>American Journal of Enology and Viticulture</i> , 2014, 65, 72-80.	0.9	56
40	Differences between the succinate dehydrogenase sequences of isopyrazam sensitive <i>Zymoseptoria tritici</i> and insensitive <i>Fusarium graminearum</i> strains. <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 28-35.	1.6	41
41	FcStuA from <i>Fusarium culmorum</i> Controls Wheat Foot and Root Rot in a Toxin Dispensable Manner. <i>PLoS ONE</i> , 2013, 8, e57429.	1.1	41
42	Fractal dimension and shape parameters of asexual <i>Fusarium</i> spores from selected species: Which species can be distinguished?. <i>Journal of Plant Diseases and Protection</i> , 2012, 119, 8-14.	1.6	9
43	Ensemble-based analysis of regional climate change effects on the cabbage stem weevil (<i>Ceutorhynchus pallidactylus</i> (Mrsh.)) in winter oilseed rape (<i>Brassica napus</i> L.). <i>Journal of Agricultural Science</i> , 2012, 150, 191-202.	0.6	25
44	Spring air temperature accounts for the bimodal temporal distribution of <i>Septoria tritici</i> epidemics in the winter wheat stands of Luxembourg. <i>Crop Protection</i> , 2012, 42, 250-255.	1.0	18
45	A note on the insecticide sensitivity status of <i>Meligethes</i> species (Coleoptera: Nitidulidae) in Luxembourg. <i>Journal of Plant Diseases and Protection</i> , 2011, 118, 134-140.	1.6	4
46	Comparative Analysis of Genetic Chemotyping Methods for <i>Fusarium</i> : Tri13 Polymorphism Does not Discriminate between 3- and 15-acetylated Deoxynivalenol Chemotypes in <i>Fusarium graminearum</i> . <i>Journal of Phytopathology</i> , 2011, 159, 700-704.	0.5	24
47	Evidence for natural resistance towards trifloxystrobin in <i>Fusarium graminearum</i> . <i>European Journal of Plant Pathology</i> , 2011, 130, 239-248.	0.8	38
48	Estimating deoxynivalenol contents of wheat samples containing different levels of <i>Fusarium</i> -damaged kernels by diffuse reflectance spectrometry and partial least square regression. <i>International Journal of Food Microbiology</i> , 2010, 142, 370-374.	2.1	31
49	Effects of <i>Fusarium</i> infection on the amino acid composition of winter wheat grain. <i>Food Chemistry</i> , 2008, 111, 750-754.	4.2	6
50	Effects of cultivar, agronomic practices, geographic location, and meteorological conditions on the composition of selected <i>Fusarium</i> species on wheat heads. <i>Canadian Journal of Plant Pathology</i> , 2008, 30, 46-57.	0.8	34
51	Fate of deoxynivalenol in contaminated wheat grain during preparation of Egyptian "balila"™. <i>International Journal of Food Sciences and Nutrition</i> , 2007, 58, 169-177.	1.3	11
52	Characterizing Meteorological Scenarios Favorable for <i>Septoria tritici</i> Infections in Wheat and Estimation of Latent Periods. <i>Plant Disease</i> , 2007, 91, 1445-1449.	0.7	37
53	Mould germination: Data treatment and modelling. <i>International Journal of Food Microbiology</i> , 2007, 114, 17-24.	2.1	38
54	Estimating mycotoxin contents of <i>Fusarium</i> -damaged winter wheat kernels. <i>International Journal of Food Microbiology</i> , 2007, 119, 153-158.	2.1	40

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55	Comparison of the declining triazole sensitivity of <i>Gibberella zeae</i> and increased sensitivity achieved by advances in triazole fungicide development. <i>Crop Protection</i> , 2007, 26, 683-690.	1.0	101
56	Rapid Detection of <i>Mycosphaerella graminicola</i> in Wheat Using Reverse Transcription-PCR Assay. <i>Journal of Phytopathology</i> , 2005, 153, 674-679.	0.5	27
57	Effect of relative humidity on germination of ascospores and macroconidia of <i>Gibberella zeae</i> and deoxynivalenol production. <i>International Journal of Food Microbiology</i> , 2005, 98, 233-240.	2.1	49
58	Studies on water transport through the sweet cherry fruit surface: IX. Comparing permeability in water uptake and transpiration. <i>Planta</i> , 2005, 220, 474-485.	1.6	54
59	Germination of <i>Gibberella zeae</i> ascospores as affected by age of spores after discharge and environmental factors. <i>European Journal of Plant Pathology</i> , 2005, 111, 381-389.	0.8	29
60	Changes in strain and deposition of cuticle in developing sweet cherry fruit. <i>Physiologia Plantarum</i> , 2004, 120, 667-677.	2.6	83
61	Oil content, tocopherol composition and fatty acid patterns of the seeds of 51 <i>Cannabis sativa</i> L. genotypes. <i>Euphytica</i> , 2004, 137, 339-351.	0.6	165
62	Surface characteristics of sweet cherry fruit: stomata-number, distribution, functionality and surface wetting. <i>Scientia Horticulturae</i> , 2003, 97, 265-278.	1.7	57
63	Studies on Water Transport through the Sweet Cherry Fruit Surface. 7. Fe ³⁺ and Al ³⁺ Reduce Conductance for Water Uptake. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7600-7608.	2.4	11
64	Analysing fruit shape in sweet cherry (<i>Prunus avium</i> L.). <i>Scientia Horticulturae</i> , 2002, 96, 139-150.	1.7	87
65	Studies on Water Transport Through the Sweet Cherry Fruit Surface: IV. Regions of Preferential Uptake. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2002, 37, 637-641.	0.5	35
66	Studies on Water Transport through the Sweet Cherry Fruit Surface: V. Conductance for Water Uptake. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 325-332.	0.5	33
67	Whole-genome single nucleotide polymorphism analysis for typing the pandemic pathogen <i>Fusarium graminearum sensu stricto</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4