

# Franklin Behlau

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,605  
citations

394421

19  
h-index

315739

38  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thirteen decades of antimicrobial copper compounds applied in agriculture. A review. <i>Agronomy for Sustainable Development</i> , 2018, 38, 1.	5.3	345
2	Comparative genomics reveals diversity among xanthomonads infecting tomato and pepper. <i>BMC Genomics</i> , 2011, 12, 146.	2.8	167
3	Molecular Characterization of Copper Resistance Genes from <i>Xanthomonas citri</i> subsp. <i>citri</i> and <i>Xanthomonas alfalfae</i> subsp. <i>citrumelonis</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 4089-4096.	3.1	150
4	Recent advances in the understanding of <i>Xanthomonas citri</i> ssp. <i>citri</i> pathogenesis and citrus canker disease management. <i>Molecular Plant Pathology</i> , 2018, 19, 1302-1318.	4.2	111
5	Effect of frequency of copper applications on control of citrus canker and the yield of young bearing sweet orange trees. <i>Crop Protection</i> , 2010, 29, 300-305.	2.1	90
6	Evidence for Acquisition of Copper Resistance Genes from Different Sources in Citrus-Associated Xanthomonads. <i>Phytopathology</i> , 2013, 103, 409-418.	2.2	73
7	Effect of Application Frequency and Reduced Rates of Acibenzolar- <i>S</i> -Methyl on the Field Efficacy of Induced Resistance Against Bacterial Spot on Tomato. <i>Plant Disease</i> , 2012, 96, 221-227.	1.4	67
8	Copper resistance genes from different xanthomonads and citrus epiphytic bacteria confer resistance to <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>European Journal of Plant Pathology</i> , 2012, 133, 949-963.	1.7	64
9	Copper sprays and windbreaks for control of citrus canker on young orange trees in southern Brazil. <i>Crop Protection</i> , 2008, 27, 807-813.	2.1	54
10	Spray volume and fungicide rates for citrus black spot control based on tree canopy volume. <i>Crop Protection</i> , 2016, 85, 38-45.	2.1	45
11	Tree-row-volume-based sprays of copper bactericide for control of citrus canker. <i>Crop Protection</i> , 2015, 77, 119-126.	2.1	39
12	Soluble and insoluble copper formulations and metallic copper rate for control of citrus canker on sweet orange trees. <i>Crop Protection</i> , 2017, 94, 185-191.	2.1	35
13	Monitoring for resistant populations of <i>Xanthomonas citri</i> subsp. <i>citri</i> and epiphytic bacteria on citrus trees treated with copper or streptomycin using a new semi-selective medium. <i>European Journal of Plant Pathology</i> , 2012, 132, 259-270.	1.7	32
14	Diversity and copper resistance of <i>Xanthomonas</i> affecting citrus. <i>Tropical Plant Pathology</i> , 2020, 45, 200-212.	1.5	31
15	Critical Fungicide Spray Period for Citrus Black Spot Control in São Paulo State, Brazil. <i>Plant Disease</i> , 2018, 102, 334-340.	1.4	30
16	An overview of citrus canker in Brazil. <i>Tropical Plant Pathology</i> , 2021, 46, 1-12.	1.5	27
17	Annual and polyetic progression of citrus canker on trees protected with copper sprays. <i>Plant Pathology</i> , 2010, 59, 1031-1036.	2.4	22
18	A comprehensive analysis of the Asiatic citrus canker eradication programme in São Paulo state, Brazil, from 1999 to 2009. <i>Plant Pathology</i> , 2016, 65, 1390-1399.	2.4	22

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19	Characterization of a unique copper resistance gene cluster in <i>Xanthomonas campestris</i> pv. <i>campestris</i> isolated in Trinidad, West Indies. <i>European Journal of Plant Pathology</i> , 2017, 147, 671-681.	1.7	21
20	Spray Volume and Rate Based on the Tree Row Volume for a Sustainable Use of Copper in the Control of Citrus Canker. <i>Plant Disease</i> , 2021, 105, 183-192.	1.4	20
21	Characteristics of Citrus Canker Lesions Associated with Premature Drop of Sweet Orange Fruit. <i>Phytopathology</i> , 2019, 109, 44-51.	2.2	17
22	Description of copper tolerant <i>Xanthomonas citri</i> subsp. <i>citri</i> and genotypic comparison with sensitive and resistant strains. <i>Plant Pathology</i> , 2019, 68, 1088-1098.	2.4	16
23	Incidência e severidade de cancro cítrico em laranja 'Pêra Rio' sob condições de controle químico e proteção com quebra-vento. <i>Tropical Plant Pathology</i> , 2007, 32, 311-317.	0.3	13
24	Hexyl gallate for the control of citrus canker caused by <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>MicrobiologyOpen</i> , 2020, 9, e1104.	3.0	13
25	Panorama of citrus canker in the United States. <i>Tropical Plant Pathology</i> , 2020, 45, 192-199.	1.5	13
26	Impact of diseases and pests on premature fruit drop in sweet orange orchards in São Paulo state citrus belt, Brazil. <i>Pest Management Science</i> , 2022, 78, 2643-2656.	3.4	13
27	A cinnamaldehyde-based formulation as an alternative to sodium hypochlorite for post-harvest decontamination of citrus fruit. <i>Tropical Plant Pathology</i> , 2020, 45, 701-709.	1.5	12
28	Citrus black spot severity related to premature fruit drop in sweet orange orchards. <i>Plant Pathology</i> , 2022, 71, 400-410.	2.4	10
29	Relative Contribution of Windbreak, Copper Sprays, and Leafminer Control for Citrus Canker Management and Prevention of Crop Loss in Sweet Orange Trees. <i>Plant Disease</i> , 2021, 105, 2097-2105.	1.4	10
30	Bioguided isolation, characterization and media optimization for production of Lysolipins by actinomycete as antimicrobial compound against <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Molecular Biology Reports</i> , 2018, 45, 2455-2467.	2.3	8
31	Chlorine dioxide, peroxyacetic acid, and calcium oxychloride for post-harvest decontamination of citrus fruit against <i>Xanthomonas citri</i> subsp. <i>citri</i> , causal agent of citrus canker. <i>Crop Protection</i> , 2021, 146, 105679.	2.1	6
32	Tree age and cultivar-oriented use of mineral oil added to fungicide tank mixture for the control of citrus black spot in sweet orange orchards. <i>Pest Management Science</i> , 2022, 78, 488-498.	3.4	6
33	Meio de cultura semi-seletivo para detecção de <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> em solo e sementes de feijoeiro. <i>Summa Phytopathologica</i> , 2006, 32, 394-396.	0.1	6
34	Agronomic Performance of Sweet Orange Genotypes under the Brazilian Humid Subtropical Climate. <i>Horticulturae</i> , 2022, 8, 254.	2.8	5
35	Isolation and characterization of vB_XciM_LucasX, a new jumbo phage that infects <i>Xanthomonas citri</i> and <i>Xanthomonas fuscans</i> . <i>PLoS ONE</i> , 2022, 17, e0266891.	2.5	5
36	Timing of copper sprays to protect mechanical wounds against infection by <i>Xanthomonas citri</i> subsp. <i>citri</i> , causal agent of citrus canker. <i>European Journal of Plant Pathology</i> , 2021, 160, 683-692.	1.7	4

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37	Copper rate and spray interval for joint management of citrus canker and citrus black spot in orange orchards. <i>European Journal of Plant Pathology</i> , 2022, 163, 891-906.	1.7	2
38	Late-Season Sweet Orange Selections Under Huanglongbing and Citrus Canker Endemic Conditions in the Brazilian Humid Subtropical Region. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	1