

Jorge L Andrade-Piedra

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,034
citations

516710

16
h-index

477307

29
g-index

38
all docs

38
docs citations

38
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Seed degeneration in potato: the need for an integrated seed health strategy to mitigate the problem in developing countries. <i>Plant Pathology</i> , 2016, 65, 3-16.	2.4	144
2	The Potato of the Future: Opportunities and Challenges in Sustainable Agri-food Systems. <i>Potato Research</i> , 2021, 64, 681-720.	2.7	88
3	Quantifying the Rate of Release and Escape of <i>Phytophthora infestans</i> Sporangia from a Potato Canopy. <i>Phytopathology</i> , 2001, 91, 1189-1196.	2.2	82
4	Multi-stakeholder platforms for linking small farmers to value chains: evidence from the Andes. <i>International Journal of Agricultural Sustainability</i> , 2011, 9, 423-433.	3.5	71
5	Why interventions in the seed systems of roots, tubers and bananas crops do not reach their full potential. <i>Food Security</i> , 2019, 11, 23-42.	5.3	68
6	A Risk Assessment Framework for Seed Degeneration: Informing an Integrated Seed Health Strategy for Vegetatively Propagated Crops. <i>Phytopathology</i> , 2017, 107, 1123-1135.	2.2	53
7	Epidemic Network Analysis for Mitigation of Invasive Pathogens in Seed Systems: Potato in Ecuador. <i>Phytopathology</i> , 2017, 107, 1209-1218.	2.2	50
8	Simulation of Potato Late Blight in the Andes. I: Modification and Parameterization of the LATEBLIGHT Model. <i>Phytopathology</i> , 2005, 95, 1191-1199.	2.2	44
9	Linking Smallholders to the New Agricultural Economy: The Case of the Plataformas de Concertación in Ecuador. <i>Journal of Development Studies</i> , 2011, 47, 1545-1573.	2.1	41
10	Technical and Economic Analysis of Aeroponics and other Systems for Potato Mini-Tuber Production in Latin America. <i>American Journal of Potato Research</i> , 2013, 90, 357-368.	0.9	39
11	Impact of climate change on the potato crop and biodiversity in its center of origin. <i>Open Agriculture</i> , 2018, 3, 273-283.	1.7	38
12	Understanding root, tuber, and banana seed systems and coordination breakdown: a multi-stakeholder framework. <i>Journal of Crop Improvement</i> , 2018, 32, 599-621.	1.7	37
13	Simulation of Potato Late Blight in the Andes. II: Validation of the LATEBLIGHT Model. <i>Phytopathology</i> , 2005, 95, 1200-1208.	2.2	35
14	Use of Phosphonate to Manage Foliar Potato Late Blight in Developing Countries. <i>Plant Disease</i> , 2012, 96, 1008-1015.	1.4	34
15	Qualification of a Plant Disease Simulation Model: Performance of the LATEBLIGHT Model Across a Broad Range of Environments. <i>Phytopathology</i> , 2005, 95, 1412-1422.	2.2	33
16	Global Cropland Connectivity: A Risk Factor for Invasion and Saturation by Emerging Pathogens and Pests. <i>BioScience</i> , 2020, 70, 744-758.	4.9	30
17	Potato Seed Systems. , 2020, , 431-447.		16
18	An integrated seed health strategy and phytosanitary risk assessment: Potato in the Republic of Georgia. <i>Agricultural Systems</i> , 2021, 191, 103144.	6.1	16

#	ARTICLE	IF	CITATIONS
19	BLIGHTSIM: A New Potato Late Blight Model Simulating the Response of <i>Phytophthora infestans</i> to Diurnal Temperature and Humidity Fluctuations in Relation to Climate Change. <i>Pathogens</i> , 2020, 9, 659.	2.8	14
20	Preemergence Infection of Potato Sprouts by <i>Phytophthora infestans</i> in the Highland Tropics of Ecuador. <i>Plant Disease</i> , 2008, 92, 569-574.	1.4	13
21	A simple, hand-held decision support designed tool to help resource-poor farmers improve potato late blight management. <i>Crop Protection</i> , 2020, 134, 105186.	2.1	13
22	Where to Invest Project Efforts for Greater Benefit: A Framework for Management Performance Mapping with Examples for Potato Seed Health. <i>Phytopathology</i> , 2022, 112, 1431-1443.	2.2	11
23	Variety and on-farm seed management practices affect potato seed degeneration in the tropical highlands of Ecuador. <i>Agricultural Systems</i> , 2022, 198, 103387.	6.1	11
24	Comparison of two strategies for use of translaminar and contact fungicide in the control of potato late blight in the highland tropics of Ecuador. <i>Crop Protection</i> , 2008, 27, 1098-1104.	2.1	8
25	Assessing the Adequacy of the Simulation Model LATEBLIGHT Under Nicaraguan Conditions. <i>Plant Disease</i> , 2011, 95, 839-846.	1.4	8
26	Aggressiveness of <i>Phytophthora infestans</i> and phenotypic analysis of resistance in wild Potato accessions in Ecuador. <i>Plant Pathology</i> , 2007, 56, 549-561.	2.4	7
27	Screening South American Potato Landraces and Potato Wild Relatives for Novel Sources of Late Blight Resistance. <i>Plant Disease</i> , 2022, 106, 1845-1856.	1.4	7
28	Knowledge management for pro-poor innovation: the Papa Andina case. <i>Knowledge Management for Development Journal</i> , 2011, 7, 65-83.	0.4	4
29	Effectiveness of resistance inducers for potato late blight management in Peru. <i>Crop Protection</i> , 2020, 137, 105241.	2.1	4
30	Toolbox for Working with Root, Tuber, and Banana Seed Systems. , 2022, , 319-352.		4
31	Characterization of tuber blight-suppressive soils from four provinces of the Ecuadorean Andes. <i>Plant Pathology</i> , 2018, 67, 1562-1573.	2.4	0