

# Kurt H Lamour

## List of Publications by Year in descending order

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80  
papers

6,059  
citations

201674

27  
h-index

82547

72  
g-index

107  
all docs

107  
docs citations

107  
times ranked

4415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence and analysis of the Irish potato famine pathogen <i>Phytophthora infestans</i> . <i>Nature</i> , 2009, 461, 393-398.	27.8	1,405
2	<i>Phytophthora</i> Genome Sequences Uncover Evolutionary Origins and Mechanisms of Pathogenesis. <i>Science</i> , 2006, 313, 1261-1266.	12.6	1,059
3	The Top 10 oomycete pathogens in molecular plant pathology. <i>Molecular Plant Pathology</i> , 2015, 16, 413-434.	4.2	695
4	<i>Phytophthora capsici</i> on Vegetable Crops: Research Progress and Management Challenges. <i>Plant Disease</i> , 2004, 88, 1292-1303.	1.4	429
5	The oomycete broad-host-range pathogen <i>Phytophthora capsici</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 329-337.	4.2	319
6	Genome Sequencing and Mapping Reveal Loss of Heterozygosity as a Mechanism for Rapid Adaptation in the Vegetable Pathogen <i>Phytophthora capsici</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1350-1360.	2.6	264
7	Advances in Research on <i>Phytophthora capsici</i> on Vegetable Crops in The United States. <i>Plant Disease</i> , 2012, 96, 1588-1600.	1.4	143
8	Investigating the Spatiotemporal Genetic Structure of <i>Phytophthora capsici</i> in Michigan. <i>Phytopathology</i> , 2001, 91, 973-980.	2.2	96
9	Challenges and Strategies for Breeding Resistance in <i>Capsicum annuum</i> to the Multifarious Pathogen, <i>Phytophthora capsici</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 628.	3.6	83
10	Oomycete genomics: new insights and future directions. <i>FEMS Microbiology Letters</i> , 2007, 274, 1-8.	1.8	79
11	Co-occurrence and genotypic distribution of <i>Phytophthora</i> species recovered from watersheds and plant nurseries of eastern Tennessee. <i>Mycologia</i> , 2010, 102, 1127-1133.	1.9	50
12	Genetic diversity of <i>Phytophthora capsici</i> isolates from pepper and pumpkin in Argentina. <i>Mycologia</i> , 2012, 104, 102-107.	1.9	49
13	<i>Phytophthora foliorum</i> sp. nov., a new species causing leaf blight of azalea. <i>Mycological Research</i> , 2006, 110, 1309-1322.	2.5	47
14	Interspecific hybridization and apomixis between <i>Phytophthora capsici</i> and <i>Phytophthora tropicalis</i> . <i>Mycologia</i> , 2008, 100, 911-920.	1.9	47
15	The Spatiotemporal Genetic Structure of <i>Phytophthora capsici</i> in Michigan and Implications for Disease Management. <i>Phytopathology</i> , 2002, 92, 681-684.	2.2	46
16	Characterization of <i>Phytophthora capsici</i> Causing Foliar and Pod Blight of Snap Bean in Michigan. <i>Plant Disease</i> , 2008, 92, 201-209.	1.4	43
17	Cross-species Global Proteomics Reveals Conserved and Unique Processes in <i>Phytophthora sojae</i> and <i>Phytophthora ramorum</i> . <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1501-1516.	3.8	42
18	Etiology of <i>Phytophthora drechsleri</i> and <i>P. nicotianae</i> (= <i>P. parasitica</i> ) Diseases Affecting Floriculture Crops. <i>Plant Disease</i> , 2003, 87, 854-858.	1.4	41

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19	A strategy for recovering high quality genomic DNA from a large number of Phytophthora isolates. <i>Mycologia</i> , 2006, 98, 514-517.	1.9	39
20	Whole genome comparisons reveal panmixia among fall armyworm ( <i>Spodoptera frugiperda</i> ) from diverse locations. <i>BMC Genomics</i> , 2021, 22, 179.	2.8	37
21	Population Structure of <i>Peronospora effusa</i> in the Southwestern United States. <i>PLoS ONE</i> , 2016, 11, e0148385.	2.5	37
22	Genetically Diverse Long-Lived Clonal Lineages of <i>Phytophthora capsici</i> from Pepper in Gansu, China. <i>Phytopathology</i> , 2013, 103, 920-926.	2.2	33
23	Expressed Peptide Tags: An Additional Layer of Data for Genome Annotation. <i>Journal of Proteome Research</i> , 2006, 5, 3048-3058.	3.7	32
24	Loss of Heterozygosity Drives Clonal Diversity of <i>Phytophthora capsici</i> in China. <i>PLoS ONE</i> , 2013, 8, e82691.	2.5	32
25	Molecular comparison of natural hybrids of <i>Phytophthora nicotianae</i> and <i>P. cactorum</i> infecting loquat trees in Peru and Taiwan. <i>Mycologia</i> , 2009, 101, 496-502.	1.9	31
26	Oomycetes baited from streams in Tennessee 2010–2012. <i>Mycologia</i> , 2013, 105, 1516-1523.	1.9	30
27	Targeted Gene Mutation in <i>Phytophthora</i> spp.. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1359-1367.	2.6	29
28	Characterization of <i>Phytophthora</i> Species from Leaves of Nursery Woody Ornamentals in Tennessee. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1833-1837.	1.0	28
29	Susceptibility of Mefenoxam-Treated Cucurbits to Isolates of <i>Phytophthora capsici</i> Sensitive and Insensitive to Mefenoxam. <i>Plant Disease</i> , 2003, 87, 920-922.	1.4	26
30	A new dollar spot disease of turfgrass caused by <i>Clariireedia paspali</i> . <i>Mycological Progress</i> , 2019, 18, 1423-1435.	1.4	25
31	Survival and spread of <i>Phytophthora capsici</i> on Long Island, New York. <i>Mycological Progress</i> , 2012, 11, 761-768.	1.4	22
32	Intra- and Intergenomic variation of Ploidy and Clonality characterize <i>Phytophthora capsici</i> on <i>Capsicum</i> sp. in Taiwan. <i>Mycological Progress</i> , 2017, 16, 955-963.	1.4	22
33	Evidence for inbreeding and apomixis in close crosses of <i>Phytophthora capsici</i> . <i>Plant Pathology</i> , 2009, 58, 715-722.	2.4	21
34	An initial assessment of genetic diversity for <i>Phytophthora capsici</i> in northern and central Mexico. <i>Mycological Progress</i> , 2016, 15, 1.	1.4	20
35	Resistance risk assessment for fludioxonil in <i>Sclerotinia homoeocarpa</i> in China. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 123-128.	3.6	19
36	An Introduction to the White Blister Rusts ( <i>Albuginales</i> ). , 0, , 77-92.		18

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37	A strategy for recovering high quality genomic DNA from a large number of Phytophthora isolates. Mycologia, 2006, 98, 514-517.	1.9	17
38	Phytophthora colocasiae from Vietnam, China, Hawaii and Nepal: intra- and inter-genomic variations in ploidy and a long-lived, diploid Hawaiian lineage. Mycological Progress, 2017, 16, 893-904.	1.4	17
39	Use of a single primer to fluorescently label selective amplified fragment length polymorphism reactions. BioTechniques, 2004, 37, 902-904.	1.8	16
40	A Comparative Analysis of Detection Techniques Used in US Regulatory Programs to Determine Presence of Phytophthora ramorum in Camellia japonica 'Nuccio's Gem'™ in an Infested Nursery in Southern California. Plant Health Progress, 2006, 7, 9.	1.4	16
41	Genetic diversity, Qol fungicide resistance, and mating type distribution of Cercospora sojae implications for the disease dynamics of frogeye leaf spot on soybean. PLoS ONE, 2017, 12, e0177220.	2.5	16
42	Genome sequences and SNP analyses of Corynespora cassicola from cotton and soybean in the southeastern United States reveal limited diversity. PLoS ONE, 2017, 12, e0184908.	2.5	16
43	Loss of heterozygosity in <i>Phytophthora capsici</i> after N-ethyl-nitrosourea mutagenesis. Mycologia, 2010, 102, 27-32.	1.9	15
44	Taro Genome Assembly and Linkage Map Reveal QTLs for Resistance to Taro Leaf Blight. G3: Genes, Genomes, Genetics, 2020, 10, 2763-2775.	1.8	15
45	The population structure of Rose rosette virus in the USA. Journal of General Virology, 2020, 101, 676-684.	2.9	15
46	AFLP Markers Identify Cornus florida Cultivars and Lines. Journal of the American Society for Horticultural Science, 2007, 132, 90-96.	1.0	15
47	Identification of a native <i>Bacillus thuringiensis</i> strain from Sri Lanka active against Dipel-resistant <i>Plutella xylostella</i> . PeerJ, 2019, 7, e7535.	2.0	15
48	Effectors. , 0, , 361-385.		14
49	Genetic Diversity of <i>Phytophthora infestans</i> (Mont.) de Bary in the Eastern and Western Highlands of Uganda. Journal of Phytopathology, 2002, 150, 541-542.	1.0	13
50	Genome Sequences of Three Races of <i>Peronospora effusa</i> : A Resource for Studying the Evolution of the Spinach Downy Mildew Pathogen. Molecular Plant-Microbe Interactions, 2018, 31, 1230-1231.	2.6	13
51	Genetic Diversity of the Pepper Pathogen <i>Phytophthora capsici</i> on Farms in the Amazonian High Jungle of Peru. American Journal of Plant Sciences, 2011, 02, 461-466.	0.8	13
52	Dynamic Extreme Aneuploidy (DEA) in the vegetable pathogen <i>Phytophthora capsici</i> and the potential for rapid asexual evolution. PLoS ONE, 2020, 15, e0227250.	2.5	12
53	The History and Diseases of Poinsettia, the Christmas Flower. Plant Health Progress, 2002, 3, 18.	1.4	11
54	Genome Sequence Data of Six Isolates of <i>Phytophthora capsici</i> from Mexico. Molecular Plant-Microbe Interactions, 2019, 32, 1267-1269.	2.6	11

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55	RNA-seq reveals disruption in honey bee gene regulation when caged and deprived of hive conditions. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	11
56	<i>Aphanomyces astaci</i> and Crustaceans. , 0, , 425-433.		10
57	SNP markers identify widely distributed clonal lineages of <i>Phytophthora colocasiae</i> in Vietnam, Hawaii and Hainan Island, China. <i>Mycologia</i> , 2014, 106, 676-685.	1.9	10
58	Thiophanate-methyl resistance in <i>Sclerotinia homoeocarpa</i> from golf courses in China. <i>Pesticide Biochemistry and Physiology</i> , 2018, 152, 84-89.	3.6	9
59	Early Detection of Asian Soybean Rust Using PCR. <i>Plant Health Progress</i> , 2006, 7, .	1.4	8
60	Genetic diversity of <i>Phytophthora capsici</i> recovered from Massachusetts between 1997 and 2014. <i>Mycological Progress</i> , 2017, 16, 999-1006.	1.4	8
61	Genome Sequence Resource for the Oomycete Taro Pathogen <i>Phytophthora colocasiae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 903-905.	2.6	8
62	Virulence Phenotypes on Chili Pepper for <i>Phytophthora capsici</i> Isolates from Michoacán, Mexico. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1526-1531.	1.0	8
63	Baseline sensitivity and control efficacy of fluazinam against <i>Clariireedia homoeocarpa</i> . <i>Crop Protection</i> , 2020, 137, 105290.	2.1	6
64	Fungicide sensitivity of <i>Clariireedia</i> spp. isolates from golf courses in China. <i>Crop Protection</i> , 2021, 149, 105785.	2.1	6
65	<i>Clariireedia hainanense</i> : A New Species Is Associated with Dollar Spot of Turfgrass in Hainan, China. <i>Plant Disease</i> , 2022, 106, 996-1002.	1.4	6
66	A Comparative Analysis of Diagnostic Protocols for Detection of the Asian Soybean Rust Pathogen, <i>Phakopsora pachyrhizi</i> . <i>Plant Health Progress</i> , 2007, 8, 17.	1.4	4
67	Ad hoc breeding of a genetically depauperate landrace of noble fir ( <i>Abies procera</i> Rehder) using SNP genotyping via high-throughput targeted sequencing. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	4
68	High-Quality Reference Genome Sequence for the Oomycete Vegetable Pathogen <i>Phytophthora capsici</i> Strain LT1534. <i>Microbiology Resource Announcements</i> , 2021, 10, e0029521.	0.6	4
69	Detection of the G143A Mutation in the <i>Cytochrome b</i> Gene of <i>Corynespora cassiicola</i> Isolates from Soybean in Tennessee. <i>Plant Health Progress</i> , 2021, 22, 570-572.	1.4	4
70	Global Distributions of <i>Clariireedia</i> Species and Their In Vitro Sensitivity Profiles to Fungicides. <i>Agronomy</i> , 2021, 11, 2036.	3.0	4
71	Evaluation of Variation in Switchgrass ( <i>Panicum virgatum</i> L.) Cultivars for Rust ( <i>Puccinia emaculata</i> ) Resistance1. <i>Journal of Environmental Horticulture</i> , 2019, 37, 127-135.	0.5	4
72	The population structure of the secovirid lychnis mottle virus based on the RNA2 coding sequences. <i>Virus Research</i> , 2021, 303, 198468.	2.2	3

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73	Population structure of <i>Phytophthora capsici</i> in the state of Tennessee. <i>Mycological Progress</i> , 2022, 21, 159-166.	1.4	3
74	PCR amplification of SNP loci from crude DNA for large-scale genotyping of oomycetes. <i>Mycologia</i> , 2014, 106, 607-609.	1.9	2
75	â€˜Candidatus <i>Phytoplasma asteris</i> â€™™ subgroups display distinct disease progression dynamics during the carrot growing season. <i>PLoS ONE</i> , 2021, 16, e0239956.	2.5	2
76	Interactions between <i>Phytophthora infestans</i> and <i>Solanum</i> . , 0, , 287-302.		1
77	Illuminating the <i>Phytophthora capsici</i> Genome. , 2014, , 121-132.		0
78	<i>Aphanomyces euteiches</i> and Legumes. , 0, , 345-360.		0
79	Gene Expression Profiling. , 0, , 477-492.		0
80	Global Proteomics and <i>Phytophthora</i> . , 0, , 517-529.		0