

# Loren Honaas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2006352/publications.pdf>

Version: 2024-02-01

24  
papers

1,229  
citations

516561

16  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Transcriptome Analyses Reveal Core Parasitism Genes and Suggest Gene Duplication and Repurposing as Sources of Structural Novelty. <i>Molecular Biology and Evolution</i> , 2015, 32, 767-790.	3.5	137
2	Genome Sequence of <i>Striga asiatica</i> Provides Insight into the Evolution of Plant Parasitism. <i>Current Biology</i> , 2019, 29, 3041-3052.e4.	1.8	109
3	AtCAT6, a sink-tissue-localized transporter for essential amino acids in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2006, 48, 414-426.	2.8	106
4	The Parasitic Plant Genome Project: New Tools for Understanding the Biology of <i>Orobanchaceae</i> and <i>Striga</i> . <i>Weed Science</i> , 2012, 60, 295-306.	0.8	106
5	Detecting and Characterizing the Highly Divergent Plastid Genome of the Nonphotosynthetic Parasitic Plant <i>Hydnora visseri</i> (Hydnoraceae). <i>Genome Biology and Evolution</i> , 2016, 8, 345-363.	1.1	97
6	Selecting Superior De Novo Transcriptome Assemblies: Lessons Learned by Leveraging the Best Plant Genome. <i>PLoS ONE</i> , 2016, 11, e0146062.	1.1	93
7	Horizontal gene transfer is more frequent with increased heterotrophy and contributes to parasite adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7010-E7019.	3.3	85
8	Transcriptomes of the Parasitic Plant Family <i>Orobanchaceae</i> Reveal Surprising Conservation of Chlorophyll Synthesis. <i>Current Biology</i> , 2011, 21, 2098-2104.	1.8	82
9	Phylogenetic analysis of pectin-related gene families in <i>Physcomitrella patens</i> and nine other plant species yields evolutionary insights into cell walls. <i>BMC Plant Biology</i> , 2014, 14, 79.	1.6	64
10	Functional genomics of a generalist parasitic plant: Laser microdissection of host-parasite interface reveals host-specific patterns of parasite gene expression. <i>BMC Plant Biology</i> , 2013, 13, 9.	1.6	61
11	Temporal Dynamics of the Soil Metabolome and Microbiome During Simulated Anaerobic Soil Disinfestation. <i>Frontiers in Microbiology</i> , 2019, 10, 2365.	1.5	53
12	"Stealth dissemination" of macrophage-tumor cell fusions cultured from blood of patients with pancreatic ductal adenocarcinoma. <i>PLoS ONE</i> , 2017, 12, e0184451.	1.1	51
13	Evolution of a horizontally acquired legume gene, albumin 1, in the parasitic plant <i>Phelipanche aegyptiaca</i> and related species. <i>BMC Evolutionary Biology</i> , 2013, 13, 48.	3.2	39
14	SHR4z, a novel decoy effector from the haustorium of the parasitic weed <i>Striga gesnerioides</i> , suppresses host plant immunity. <i>New Phytologist</i> , 2020, 226, 891-908.	3.5	35
15	Application of qRT-PCR and RNA-Seq analysis for the identification of housekeeping genes useful for normalization of gene expression values during <i>Striga hermonthica</i> development. <i>Molecular Biology Reports</i> , 2013, 40, 3395-3407.	1.0	26
16	Co-expression networks provide insights into molecular mechanisms of postharvest temperature modulation of apple fruit to reduce superficial scald. <i>Postharvest Biology and Technology</i> , 2019, 149, 27-41.	2.9	18
17	ESTs from the basidiomycete <i>Schizophyllum commune</i> grown on nitrogen-replete and nitrogen-limited media. <i>Fungal Genetics and Biology</i> , 2003, 39, 191-198.	0.9	17
18	Transcriptomics of host-specific interactions in natural populations of the parasitic plant purple witchweed ( <i>Striga hermonthica</i> ). <i>Weed Science</i> , 2019, 67, 397-411.	0.8	16

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19	A practical examination of RNA isolation methods for European pear ( <i>Pyrus communis</i> ). BMC Research Notes, 2017, 10, 237.	0.6	13
20	Transcriptomics of Differential Ripening in "Anjou" Pear ( <i>Pyrus communis</i> L.). Frontiers in Plant Science, 2021, 12, 609684.	1.7	7
21	Study Design for Sequencing Studies. Methods in Molecular Biology, 2016, 1418, 39-66.	0.4	6
22	Leveraging Transcriptome Data for Enhanced Gene Expression Analysis in Apple. Journal of the American Society for Horticultural Science, 2018, 143, 333-346.	0.5	4
23	Risk versus reward: host dependent parasite mortality rates and phenotypes in the facultative generalist <i>Triphysaria versicolor</i> . BMC Plant Biology, 2019, 19, 334.	1.6	3
24	Monitoring Effects of Rootstock Genotype and Soil Treatment Strategy on Postharvest Fruit Quality in "Gala" Apple. Hortscience: A Publication of the American Society for Horticultural Science, 2022, 57, 789-798.	0.5	1