

# Lauri Vaahtera

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,236  
citations

643344

15  
h-index

843174

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2111  
citing authors

#	ARTICLE	IF	CITATIONS
1	THESEUS1 modulates cell wall stiffness and abscisic acid production in <i>Arabidopsis thaliana</i> . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	47
2	Dissecting Contrasts in Cell Death, Hormone, and Defense Signaling in Response to <i>Botrytis cinerea</i> and Reactive Oxygen Species. Molecular Plant-Microbe Interactions, 2021, 34, 75-87.	1.4	7
3	Ozone responses in <i>Arabidopsis</i> : beyond stomatal conductance. Plant Physiology, 2021, 186, 180-192.	2.3	12
4	CRK2 and C-terminal Phosphorylation of NADPH Oxidase RBOHD Regulate Reactive Oxygen Species Production in <i>Arabidopsis</i> . Plant Cell, 2020, 32, 1063-1080.	3.1	115
5	Functional characterization of genes mediating cell wall metabolism and responses to plant cell wall integrity impairment. BMC Plant Biology, 2019, 19, 320.	1.6	20
6	Cell wall integrity maintenance during plant development and interaction with the environment. Nature Plants, 2019, 5, 924-932.	4.7	208
7	Mitogen-activated protein kinases <i>MPK4</i> and <i>MPK12</i> are key components mediating <i>CO<sub>2</sub></i> -induced stomatal movements. Plant Journal, 2018, 96, 1018-1035.	2.8	49
8	Cell wall integrity modulates <i>Arabidopsis thaliana</i> cell cycle gene expression in a cytokinin- and nitrate reductase-dependent manner. Development (Cambridge), 2018, 145, .	1.2	49
9	The plant cell wall integrity maintenance and immune signaling systems cooperate to control stress responses in <i>Arabidopsis thaliana</i> . Science Signaling, 2018, 11, .	1.6	178
10	Natural Variation in <i>Arabidopsis Cvi-0</i> Accession Reveals an Important Role of <i>MPK12</i> in Guard Cell <i>CO<sub>2</sub></i> Signaling. PLoS Biology, 2016, 14, e2000322.	2.6	69
11	Roles of Defense Hormones in the Regulation of Ozone-Induced Changes in Gene Expression and Cell Death. Molecular Plant, 2015, 8, 1776-1794.	3.9	55
12	Quantitative trait loci mapping and transcriptome analysis reveal candidate genes regulating the response to ozone in <i>Arabidopsis thaliana</i> . Plant, Cell and Environment, 2015, 38, 1418-1433.	2.8	36
13	Specificity in ROS Signaling and Transcript Signatures. Antioxidants and Redox Signaling, 2014, 21, 1422-1441.	2.5	140
14	Comparison of Bleomycin-Detectable Iron and Labile Plasma Iron Assays. Clinical Chemistry, 2013, 59, 1271-1273.	1.5	4
15	RCD1-DREB2A interaction in leaf senescence and stress responses in <i>Arabidopsis thaliana</i> . Biochemical Journal, 2012, 442, 573-581.	1.7	107
16	More than the sum of its parts – How to achieve a specific transcriptional response to abiotic stress. Plant Science, 2011, 180, 421-430.	1.7	44
17	Addition of a Water-Soluble Propofol Formulation to Preservation Solution in Experimental Kidney Transplantation. Transplantation, 2011, 92, 296-302.	0.5	18
18	Ligand-binding Domain Determines Endoplasmic Reticulum Exit of AMPA Receptors. Journal of Biological Chemistry, 2010, 285, 36032-36039.	1.6	29

#	ARTICLE	IF	CITATIONS
19	Multifactorial Biological Modulation of Warm Ischemia Reperfusion Injury in Liver Transplantation From Non-Heart-Beating Donors Eliminates Primary Nonfunction and Reduces Bile Salt Toxicity. <i>Annals of Surgery</i> , 2009, 250, 808-817.	2.1	44