

Philip Zimmermann

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

7,301
citations

331538

21
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

10844
citing authors

#	ARTICLE	IF	CITATIONS
1	GENEVESTIGATOR. Arabidopsis Microarray Database and Analysis Toolbox. <i>Plant Physiology</i> , 2004, 136, 2621-2632.	2.3	2,232
2	Genevestigator V3: A Reference Expression Database for the Meta-Analysis of Transcriptomes. <i>Advances in Bioinformatics</i> , 2008, 2008, 1-5.	5.7	1,692
3	A systematic comparison and evaluation of biclustering methods for gene expression data. <i>Bioinformatics</i> , 2006, 22, 1122-1129.	1.8	782
4	Genome-Scale Proteomics Reveals <i>Arabidopsis thaliana</i> Gene Models and Proteome Dynamics. <i>Science</i> , 2008, 320, 938-941.	6.0	490
5	Genome-Wide Analysis of Hydrogen Peroxide-Regulated Gene Expression in <i>Arabidopsis</i> Reveals a High Light-Induced Transcriptional Cluster Involved in Anthocyanin Biosynthesis. <i>Plant Physiology</i> , 2005, 139, 806-821.	2.3	476
6	Sparse graphical Gaussian modeling of the isoprenoid gene network in <i>Arabidopsis thaliana</i> . <i>Genome Biology</i> , 2004, 5, R92.	13.9	290
7	RefGenes: identification of reliable and condition specific reference genes for RT-qPCR data normalization. <i>BMC Genomics</i> , 2011, 12, 156.	1.2	260
8	Gene-expression analysis and network discovery using Genevestigator. <i>Trends in Plant Science</i> , 2005, 10, 407-409.	4.3	254
9	Genevestigator Transcriptome Meta-Analysis and Biomarker Search using Rice and Barley Gene Expression Databases. <i>Molecular Plant</i> , 2008, 1, 851-857.	3.9	98
10	Gene Expression Analysis, Proteomics, and Network Discovery. <i>Plant Physiology</i> , 2010, 152, 402-410.	2.3	97
11	Engineering the root-soil interface via targeted expression of a synthetic phytase gene in trichoblasts. <i>Plant Biotechnology Journal</i> , 2003, 1, 353-360.	4.1	87
12	Large-scale gene expression profiling data for the model moss <i>Physcomitrella patens</i> aid understanding of developmental progression, culture and stress conditions. <i>Plant Journal</i> , 2014, 79, 530-539.	2.8	82
13	The Arabidopsis Rho of Plants GTPase AtROP6 Functions in Developmental and Pathogen Response Pathways. <i>Plant Physiology</i> , 2013, 161, 1172-1188.	2.3	77
14	Expression analysis suggests novel roles for the plastidic phosphate transporter Pht2;1 in auto- and heterotrophic tissues in potato and <i>Arabidopsis</i> . <i>Plant Journal</i> , 2004, 39, 13-28.	2.8	73
15	MIAME/Plant - adding value to plant microarray experiments. <i>Plant Methods</i> , 2006, 2, 1.	1.9	61
16	The Expression of an Extensin-Like Protein Correlates with Cellular Tip Growth in Tomato. <i>Plant Physiology</i> , 2002, 128, 911-923.	2.3	54
17	Effects of timing and duration of brackish irrigation water on fruit yield and quality of late summer melons. <i>Agricultural Water Management</i> , 2005, 74, 123-134.	2.4	35
18	Exploring the role of sphingolipid machinery during the epithelial to mesenchymal transition program using an integrative approach. <i>Oncotarget</i> , 2016, 7, 22295-22323.	0.8	27

#	ARTICLE	IF	CITATIONS
19	Integrative genome-wide expression profiling identifies three distinct molecular subgroups of renal cell carcinoma with different patient outcome. <i>BMC Cancer</i> , 2012, 12, 310.	1.1	25
20	Web-based analysis of the mouse transcriptome using Genevestigator. <i>BMC Bioinformatics</i> , 2006, 7, 311.	1.2	24
21	ExpressionData - A public resource of high quality curated datasets representing gene expression across anatomy, development and experimental conditions. <i>BioData Mining</i> , 2014, 7, 18.	2.2	22
22	Global regulatory architecture of human, mouse and rat tissue transcriptomes. <i>BMC Genomics</i> , 2013, 14, 716.	1.2	19
23	AID/APOBEC-network reconstruction identifies pathways associated with survival in ovarian cancer. <i>BMC Genomics</i> , 2016, 17, 643.	1.2	19
24	Interrelations of Sphingolipid and Lysophosphatidate Signaling with Immune System in Ovarian Cancer. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 537-560.	1.9	19
25	Network analysis of systems elements. , 2007, 97, 331-351.		5
26	A Multilevel Gamma-Clustering Layout Algorithm for Visualization of Biological Networks. <i>Advances in Bioinformatics</i> , 2013, 2013, 1-10.	5.7	1