

# Philip Zimmermann

## List of Publications by Year in descending order

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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	Interrelations of Sphingolipid and Lysophosphatidate Signaling with Immune System in Ovarian Cancer. Computational and Structural Biotechnology Journal, 2019, 17, 537-560.	1.9	19
2	AID/APOBEC-network reconstruction identifies pathways associated with survival in ovarian cancer. BMC Genomics, 2016, 17, 643.	1.2	19
3	Exploring the role of sphingolipid machinery during the epithelial to mesenchymal transition program using an integrative approach. Oncotarget, 2016, 7, 22295-22323.	0.8	27
4	ExpressionData - A public resource of high quality curated datasets representing gene expression across anatomy, development and experimental conditions. BioData Mining, 2014, 7, 18.	2.2	22
5	Large-scale gene expression profiling data for the model moss <i>Physcomitrella patens</i> aid understanding of developmental progression, culture and stress conditions. Plant Journal, 2014, 79, 530-539.	2.8	82
6	The Arabidopsis Rho of Plants GTPase AtROP6 Functions in Developmental and Pathogen Response Pathways. Plant Physiology, 2013, 161, 1172-1188.	2.3	77
7	Global regulatory architecture of human, mouse and rat tissue transcriptomes. BMC Genomics, 2013, 14, 716.	1.2	19
8	A Multilevel Gamma-Clustering Layout Algorithm for Visualization of Biological Networks. Advances in Bioinformatics, 2013, 2013, 1-10.	5.7	1
9	Integrative genome-wide expression profiling identifies three distinct molecular subgroups of renal cell carcinoma with different patient outcome. BMC Cancer, 2012, 12, 310.	1.1	25
10	RefGenes: identification of reliable and condition specific reference genes for RT-qPCR data normalization. BMC Genomics, 2011, 12, 156.	1.2	260
11	Gene Expression Analysis, Proteomics, and Network Discovery. Plant Physiology, 2010, 152, 402-410.	2.3	97
12	Genome-Scale Proteomics Reveals <i>Arabidopsis thaliana</i> Gene Models and Proteome Dynamics. Science, 2008, 320, 938-941.	6.0	490
13	Genevestigator Transcriptome Meta-Analysis and Biomarker Search using Rice and Barley Gene Expression Databases. Molecular Plant, 2008, 1, 851-857.	3.9	98
14	Genevestigator V3: A Reference Expression Database for the Meta-Analysis of Transcriptomes. Advances in Bioinformatics, 2008, 2008, 1-5.	5.7	1,692
15	Network analysis of systems elements. , 2007, 97, 331-351.		5
16	MIAME/Plant - adding value to plant microarray experiments. Plant Methods, 2006, 2, 1.	1.9	61
17	Web-based analysis of the mouse transcriptome using Genevestigator. BMC Bioinformatics, 2006, 7, 311.	1.2	24
18	A systematic comparison and evaluation of biclustering methods for gene expression data. Bioinformatics, 2006, 22, 1122-1129.	1.8	782

#	ARTICLE	IF	CITATIONS
19	Genome-Wide Analysis of Hydrogen Peroxide-Regulated Gene Expression in Arabidopsis Reveals a High Light-Induced Transcriptional Cluster Involved in Anthocyanin Biosynthesis. <i>Plant Physiology</i> , 2005, 139, 806-821.	2.3	476
20	Gene-expression analysis and network discovery using Genevestigator. <i>Trends in Plant Science</i> , 2005, 10, 407-409.	4.3	254
21	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
22	Expression analysis suggests novel roles for the plastidic phosphate transporter Pht2;1 in auto- and heterotrophic tissues in potato and Arabidopsis. <i>Plant Journal</i> , 2004, 39, 13-28.	2.8	73
23	GENEVESTIGATOR. Arabidopsis Microarray Database and Analysis Toolbox. <i>Plant Physiology</i> , 2004, 136, 2621-2632.	2.3	2,232
24	Sparse graphical Gaussian modeling of the isoprenoid gene network in Arabidopsis thaliana. <i>Genome Biology</i> , 2004, 5, R92.	13.9	290
25	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
26	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