

# Dierk Wanke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5785592/publications.pdf>

Version: 2024-02-01

25  
papers

3,158  
citations

331670

21  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4622  
citing authors

#	ARTICLE	IF	CITATIONS
1	The AtGenExpress global stress expression data set: protocols, evaluation and model data analysis of UV-B light, drought and cold stress responses. <i>Plant Journal</i> , 2007, 50, 347-363.	5.7	1,322
2	Studies on DNA-binding selectivity of WRKY transcription factors lend structural clues into WRKY-domain function. <i>Plant Molecular Biology</i> , 2008, 68, 81-92.	3.9	395
3	Elucidating the evolutionary conserved DNA-binding specificities of WRKY transcription factors by molecular dynamics and in vitro binding assays. <i>Nucleic Acids Research</i> , 2013, 41, 9764-9778.	14.5	161
4	Transcriptome Analysis of High-Temperature Stress in Developing Barley Caryopses: Early Stress Responses and Effects on Storage Compound Biosynthesis. <i>Molecular Plant</i> , 2011, 4, 97-115.	8.3	141
5	The Arabidopsis GAGA-Binding Factor BASIC PENTACYSSTEINE6 Recruits the POLYCOMB-REPRESSIVE COMPLEX1 Component LIKE HETEROCHROMATIN PROTEIN1 to GAGA DNA Motifs. <i>Plant Physiology</i> , 2015, 168, 1013-1024.	4.8	112
6	The GA octodinucleotide repeat binding factor BBR participates in the transcriptional regulation of the homeobox gene Bkn3. <i>Plant Journal</i> , 2003, 34, 813-826.	5.7	109
7	DPI-ELISA: a fast and versatile method to specify the binding of plant transcription factors to DNA in vitro. <i>Plant Methods</i> , 2010, 6, 25.	4.3	99
8	Volatiles of two growth-inhibiting rhizobacteria commonly engage AtWRKY18 function. <i>Plant Journal</i> , 2012, 70, 445-459.	5.7	93
9	Family business: the multidrug-resistance related protein (MRP) ABC transporter genes in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2002, 216, 107-119.	3.2	76
10	Plant Core Environmental Stress Response Genes Are Systemically Coordinated during Abiotic Stresses. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7617-7641.	4.1	73
11	The Enzyme-Like Domain of Arabidopsis Nuclear $\beta$ -Amylases Is Critical for DNA Sequence Recognition and Transcriptional Activation. <i>Plant Cell</i> , 2014, 26, 1746-1763.	6.6	73
12	Cis-motifs upstream of the transcription and translation initiation sites are effectively revealed by their positional disequilibrium in eukaryote genomes using frequency distribution curves. <i>BMC Bioinformatics</i> , 2006, 7, 522.	2.6	64
13	The SCO2 protein disulphide isomerase is required for thylakoid biogenesis and interacts with LCHB1 chlorophyll a/b binding proteins which affects chlorophyll biosynthesis in <i>Arabidopsis</i> seedlings. <i>Plant Journal</i> , 2012, 69, 743-754.	5.7	64
14	Alanine Zipper-Like Coiled-Coil Domains Are Necessary for Homotypic Dimerization of Plant GAGA-Factors in the Nucleus and Nucleolus. <i>PLoS ONE</i> , 2011, 6, e16070.	2.5	53
15	Role of BASIC PENTACYSSTEINE transcription factors in a subset of cytokinin signaling responses. <i>Plant Journal</i> , 2018, 95, 458-473.	5.7	52
16	Significance of Light, Sugar, and Amino Acid Supply for Diurnal Gene Regulation in Developing Barley Caryopses. <i>Plant Physiology</i> , 2010, 153, 14-33.	4.8	45
17	The ABA-mediated switch between submersed and emersed life-styles in aquatic macrophytes. <i>Journal of Plant Research</i> , 2011, 124, 467-475.	2.4	38
18	Phylogenetic Analyses and GAGA-Motif Binding Studies of BBR/BPC Proteins Lend to Clues in GAGA-Motif Recognition and a Regulatory Role in Brassinosteroid Signaling. <i>Frontiers in Plant Science</i> , 2019, 10, 466.	3.6	37

#	ARTICLE	IF	CITATIONS
19	Arabidopsis AZG2 transports cytokinins <i>in vivo</i> and regulates lateral root emergence. <i>New Phytologist</i> , 2021, 229, 979-993.	7.3	36
20	Identification of the sex-determining factor in the liverwort <i>Marchantia polymorpha</i> reveals unique evolution of sex chromosomes in a haploid system. <i>Current Biology</i> , 2021, 31, 5522-5532.e7.	3.9	36
21	Quantitative Analysis of Protein-DNA Interaction by qDPI-ELISA. <i>Methods in Molecular Biology</i> , 2016, 1482, 49-66.	0.9	25
22	Screening for Protein-DNA Interactions by Automatable DNA-Protein Interaction ELISA. <i>PLoS ONE</i> , 2013, 8, e75177.	2.5	20
23	TFpredict and SABINE: Sequence-Based Prediction of Structural and Functional Characteristics of Transcription Factors. <i>PLoS ONE</i> , 2013, 8, e82238.	2.5	17
24	Application of FLIM-FIDSAM for the <i>in vivo</i> analysis of hormone competence of different cell types. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1919-1925.	3.7	13
25	Inferring transcriptional regulators for sets of co-expressed genes by multi-objective evolutionary optimization. , 2011, , .		0