

Arthur Korte

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

8,890
citations

218677

26
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

12067
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>cis</i> -prenyltransferase 3 and β -glucosyltransferase are new determinants of dolichol accumulation in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2022, 45, 479-495.	5.7	4
2	Plant roots employ cell-layer-specific programs to respond to pathogenic and beneficial microbes. <i>Cell Host and Microbe</i> , 2021, 29, 299-310.e7.	11.0	48
3	Signatures of antagonistic pleiotropy in a bacterial flagellin epitope. <i>Cell Host and Microbe</i> , 2021, 29, 620-634.e9.	11.0	44
4	Genetic mapping of the early responses to salt stress in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2021, 107, 544-563.	5.7	22
5	Getting the metabolites right. <i>ELife</i> , 2021, 10, .	6.0	2
6	Global Genetic Heterogeneity in Adaptive Traits. <i>Molecular Biology and Evolution</i> , 2021, 38, 4822-4831.	8.9	27
7	AraPheno and the AraGWAS Catalog 2020: a major database update including RNA-Seq and knockout mutation data for <i>Arabidopsis thaliana</i> . <i>Nucleic Acids Research</i> , 2020, 48, D1063-D1068.	14.5	44
8	Imputation of 3 million SNPs in the <i>Arabidopsis</i> regional mapping population. <i>Plant Journal</i> , 2020, 102, 872-882.	5.7	34
9	A systematic comparison of chloroplast genome assembly tools. <i>Genome Biology</i> , 2020, 21, 254.	8.8	42
10	Using Local Convolutional Neural Networks for Genomic Prediction. <i>Frontiers in Genetics</i> , 2020, 11, 561497.	2.3	25
11	Phantom Epistasis in Genomic Selection: On the Predictive Ability of Epistatic Models. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3137-3145.	1.8	27
12	Systems genomics approaches provide new insights into <i>Arabidopsis thaliana</i> root growth regulation under combinatorial mineral nutrient limitation. <i>PLoS Genetics</i> , 2019, 15, e1008392.	3.5	46
13	The AraGWAS Catalog: a curated and standardized <i>Arabidopsis thaliana</i> GWAS catalog. <i>Nucleic Acids Research</i> , 2018, 46, D1150-D1156.	14.5	83
14	Weighted Gene Co-expression Network Analysis of Endometriosis and Identification of Functional Modules Associated With Its Main Hallmarks. <i>Frontiers in Genetics</i> , 2018, 9, 453.	2.3	82
15	Eco-Metabolomics and Metabolic Modeling: Making the Leap From Model Systems in the Lab to Native Populations in the Field. <i>Frontiers in Plant Science</i> , 2018, 9, 1556.	3.6	28
16	Natural allelic variation of the <i>AZ11</i> gene controls root growth under zinc-limiting condition. <i>PLoS Genetics</i> , 2018, 14, e1007304.	3.5	47
17	Natural variation in stomata size contributes to the local adaptation of water-use efficiency in <i>Arabidopsis thaliana</i> . <i>Molecular Ecology</i> , 2018, 27, 4052-4065.	3.9	102
18	AraPheno: a public database for <i>Arabidopsis thaliana</i> phenotypes. <i>Nucleic Acids Research</i> , 2017, 45, D1054-D1059.	14.5	91

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19	Genetic Components of Root Architecture Remodeling in Response to Salt Stress. <i>Plant Cell</i> , 2017, 29, 3198-3213.	6.6	156
20	Leaf Growth Response to Mild Drought: Natural Variation in <i>Arabidopsis</i> Sheds Light on Trait Architecture. <i>Plant Cell</i> , 2016, 28, 2417-2434.	6.6	83
21	Epigenomic Diversity in a Global Collection of <i>Arabidopsis thaliana</i> Accessions. <i>Cell</i> , 2016, 166, 492-505.	28.9	594
22	1,135 Genomes Reveal the Global Pattern of Polymorphism in <i>Arabidopsis thaliana</i> . <i>Cell</i> , 2016, 166, 481-491.	28.9	1,107
23	Multiple alleles at a single locus control seed dormancy in Swedish <i>Arabidopsis</i> . <i>ELife</i> , 2016, 5, .	6.0	57
24	The advantages and limitations of trait analysis with GWAS: a review. <i>Plant Methods</i> , 2013, 9, 29.	4.3	1,229
25	Massive genomic variation and strong selection in <i>Arabidopsis thaliana</i> lines from Sweden. <i>Nature Genetics</i> , 2013, 45, 884-890.	21.4	371
26	A mixed-model approach for genome-wide association studies of correlated traits in structured populations. <i>Nature Genetics</i> , 2012, 44, 1066-1071.	21.4	380
27	An efficient multi-locus mixed-model approach for genome-wide association studies in structured populations. <i>Nature Genetics</i> , 2012, 44, 825-830.	21.4	884
28	<i>Arabidopsis thaliana</i> AUCSIA-1 Regulates Auxin Biology and Physically Interacts with a Kinesin-Related Protein. <i>PLoS ONE</i> , 2012, 7, e41327.	2.5	20
29	A Map of Local Adaptation in <i>Arabidopsis thaliana</i> . <i>Science</i> , 2011, 334, 86-89.	12.6	617
30	Closely related receptor complexes differ in their ABA selectivity and sensitivity. <i>Plant Journal</i> , 2010, 61, 25-35.	5.7	170
31	Regulators of PP2C Phosphatase Activity Function as Abscisic Acid Sensors. <i>Science</i> , 2009, 324, 1064-1068.	12.6	2,017
32	Nuclear localization of the mutant protein phosphatase <i>abi1</i> is required for insensitivity towards ABA responses in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2008, 54, 806-819.	5.7	91
33	Function of phytochelatin synthase in catabolism of glutathione-conjugates. <i>Plant Journal</i> , 2007, 49, 740-749.	5.7	120
34	GER1, a GDSL Motif-Encoding Gene from Rice is a Novel Early Light- and Jasmonate-Induced Gene. <i>Plant Biology</i> , 2007, 9, 32-40.	3.8	39
35	Impaired Induction of the Jasmonate Pathway in the Rice Mutant <i>hebiba</i> . <i>Plant Physiology</i> , 2003, 133, 1820-1830.	4.8	128