

Xiangchao Gan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/669043/xiangchao-gan-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

4,553
citations

19
h-index

43
g-index

43
ext. papers

5,957
ext. citations

19.3
avg, IF

5.67
L-index

#	Paper	IF	Citations
35	Gene expression evolution in pattern-triggered immunity within <i>Arabidopsis thaliana</i> and across Brassicaceae species. <i>Plant Cell</i> , 2021 ,	11.6	8
34	Beyond flowering time: diverse roles of an APETALA2-like transcription factor in shoot architecture and perennial traits. <i>New Phytologist</i> , 2021 , 229, 444-459	9.8	4
33	Fine-scale empirical data on niche divergence and homeolog expression patterns in an allopolyploid and its diploid progenitor species. <i>New Phytologist</i> , 2021 , 229, 3587-3601	9.8	2
32	A WOX/Auxin Biosynthesis Module Controls Growth to Shape Leaf Form. <i>Current Biology</i> , 2020 , 30, 4857-4868.e6	9.8	6
31	Photoreceptor Activity Contributes to Contrasting Responses to Shade in Cardamine and <i>Arabidopsis</i> Seedlings. <i>Plant Cell</i> , 2019 , 31, 2649-2663	11.6	12
30	Resolving the backbone of the Brassicaceae phylogeny for investigating trait diversity. <i>New Phytologist</i> , 2019 , 222, 1638-1651	9.8	62
29	Autoregulation of RCO by Low-Affinity Binding Modulates Cytokinin Action and Shapes Leaf Diversity. <i>Current Biology</i> , 2019 , 29, 4183-4192.e6	6.3	10
28	Complement Genome Annotation Lift Over Using a Weighted Sequence Alignment Strategy. <i>Frontiers in Genetics</i> , 2019 , 10, 1046	4.5	3
27	Recovery of novel association loci in <i>Arabidopsis thaliana</i> and <i>Drosophila melanogaster</i> through leveraging INDELs association and integrated burden test. <i>PLoS Genetics</i> , 2018 , 14, e1007699	6	3
26	LMI1 homeodomain protein regulates organ proportions by spatial modulation of endoreduplication. <i>Genes and Development</i> , 2018 , 32, 1361-1366	12.6	15
25	Genomic Rearrangements in Considered as Quantitative Traits. <i>Genetics</i> , 2017 , 205, 1425-1441	4	15
24	Epigenomic Diversity in a Global Collection of <i>Arabidopsis thaliana</i> Accessions. <i>Cell</i> , 2016 , 166, 492-505	56.2	353
23	The <i>Cardamine hirsuta</i> genome offers insight into the evolution of morphological diversity. <i>Nature Plants</i> , 2016 , 2, 16167	11.5	56
22	Morphomechanical Innovation Drives Explosive Seed Dispersal. <i>Cell</i> , 2016 , 166, 222-33	56.2	86
21	1,135 Genomes Reveal the Global Pattern of Polymorphism in <i>Arabidopsis thaliana</i> . <i>Cell</i> , 2016 , 166, 481-491	56.2	620
20	Sparse whole-genome sequencing identifies two loci for major depressive disorder. <i>Nature</i> , 2015 , 523, 588-91	50.4	584
19	Molecular signatures of major depression. <i>Current Biology</i> , 2015 , 25, 1146-56	6.3	162

18	Bicluster Analysis for Coherent Pattern Discovery 2015 , 1665-1674		1
17	Leaf shape evolution through duplication, regulatory diversification, and loss of a homeobox gene. <i>Science</i> , 2014 , 343, 780-3	33.3	188
16	Extending the model of Arabidopsis telomere length and composition across Brassicaceae. <i>Chromosome Research</i> , 2014 , 22, 153-66	4.4	8
15	The architecture of parent-of-origin effects in mice. <i>Cell</i> , 2014 , 156, 332-42	56.2	59
14	Microarray-based ultra-high resolution discovery of genomic deletion mutations. <i>BMC Genomics</i> , 2014 , 15, 224	4.5	4
13	Microarray-based optimization to detect genomic deletion mutations. <i>Genomics Data</i> , 2014 , 2, 53-54		4
12	Cardamine hirsuta: a versatile genetic system for comparative studies. <i>Plant Journal</i> , 2014 , 78, 1-15	6.9	61
11	Genome-wide analysis of mutations in mutant lineages selected following fast-neutron irradiation mutagenesis of Arabidopsis thaliana. <i>Genome Research</i> , 2012 , 22, 1306-15	9.7	87
10	Mouse genomic variation and its effect on phenotypes and gene regulation. <i>Nature</i> , 2011 , 477, 289-94	50.4	1087
9	Regenerant Arabidopsis lineages display a distinct genome-wide spectrum of mutations conferring variant phenotypes. <i>Current Biology</i> , 2011 , 21, 1385-90	6.3	65
8	Sequence-based characterization of structural variation in the mouse genome. <i>Nature</i> , 2011 , 477, 326-9	50.4	230
7	Multiple reference genomes and transcriptomes for Arabidopsis thaliana. <i>Nature</i> , 2011 , 477, 419-23	50.4	495
6	Commercially available outbred mice for genome-wide association studies. <i>PLoS Genetics</i> , 2010 , 6, e1001085		102
5	Microarray Gene Expression Data Analysis 2010 , 623-650		0
4	Discovering biclusters in gene expression data based on high-dimensional linear geometries. <i>BMC Bioinformatics</i> , 2008 , 9, 209	3.6	59
3	Microarray missing data imputation based on a set theoretic framework and biological knowledge. <i>Nucleic Acids Research</i> , 2006 , 34, 1608-19	20.1	79
2	Blocking artifact reduction in compressed images based on edge-adaptive quadrangle meshes. <i>Journal of Visual Communication and Image Representation</i> , 2003 , 14, 492-507	2.7	5
1	Gene expression evolution in pattern-triggered immunity within Arabidopsis thaliana and across Brassicaceae species		2

