

Charles Gasser

List of Publications by Year in descending order

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44
papers

3,008
citations

201674

27
h-index

265206

42
g-index

44
all docs

44
docs citations

44
times ranked

2704
citing authors

#	ARTICLE	IF	CITATIONS
1	Possible Roles of <i>BELL</i> 1 and Class III Homeodomain-Leucine Zipper Genes during Integument Evolution. <i>International Journal of Plant Sciences</i> , 2019, 180, 623-631.	1.3	3
2	Development and evolution of the unique ovules of flowering plants. <i>Current Topics in Developmental Biology</i> , 2019, 131, 373-399.	2.2	42
3	Integument Development in <i>Arabidopsis</i> Depends on Interaction of YABBY Protein INNER NO OUTER with Coactivators and Corepressors. <i>Genetics</i> , 2017, 207, 1489-1500.	2.9	31
4	Conservation of the role of INNER NO OUTER in development of unitegmic ovules of the Solanaceae despite a divergence in protein function. <i>BMC Plant Biology</i> , 2016, 16, 143.	3.6	27
5	Fruit development: miRNA pumps up the volume. <i>Nature Plants</i> , 2015, 1, 15037.	9.3	6
6	Overlapping and antagonistic activities of <i>BASIC PENTACYSTEINE</i> genes affect a range of developmental processes in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2011, 66, 1020-1031.	5.7	72
7	Ancestral expression patterns and evolutionary diversification of YABBY genes in angiosperms. <i>Plant Journal</i> , 2011, 67, 26-36.	5.7	123
8	Seed Dispersal: Same Gene, Different Organs. <i>Current Biology</i> , 2011, 21, R546-R548.	3.9	7
9	Seedless fruits and the disruption of a conserved genetic pathway in angiosperm ovule development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5461-5465.	7.1	62
10	Expression of ovule and integument-associated genes in reduced ovules of Santalales. <i>Evolution & Development</i> , 2010, 12, 231-240.	2.0	28
11	Growth and development: a broad view of fine detail. <i>Current Opinion in Plant Biology</i> , 2009, 12, 1-3.	7.1	188
12	Ovule development: genetic trends and evolutionary considerations. <i>Sexual Plant Reproduction</i> , 2009, 22, 229-234.	2.2	68
13	Roles of polarity determinants in ovule development. <i>Plant Journal</i> , 2009, 57, 1054-1064.	5.7	95
14	Gene regulation in parthenocarpic tomato fruit. <i>Journal of Experimental Botany</i> , 2009, 60, 3873-3890.	4.8	73
15	Independence and Interaction of Regions of the INNER NO OUTER Protein in Growth Control during Ovule Development. <i>Plant Physiology</i> , 2008, 147, 306-315.	4.8	14
16	ABERRANT TESTA SHAPE encodes a KANADI family member, linking polarity determination to separation and growth of <i>Arabidopsis</i> ovule integuments. <i>Plant Journal</i> , 2006, 46, 522-531.	5.7	154
17	<i>Arabidopsis</i> SHORT INTEGUMENTS 2 Is a Mitochondrial DAR GTPase. <i>Genetics</i> , 2006, 174, 707-718.	2.9	22
18	Mechanisms of Derived Unitegmy among <i>Impatiens</i> Species. <i>Plant Cell</i> , 2005, 17, 1674-1684.	6.6	48

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19	Multiple Protein Regions Contribute to Differential Activities of YABBY Proteins in Reproductive Development. <i>Plant Physiology</i> , 2005, 137, 651-662.	4.8	29
20	Definition and interactions of a positive regulatory element of the Arabidopsis INNER NO OUTER promoter. <i>Plant Journal</i> , 2004, 37, 426-438.	5.7	102
21	Glyphosate as a selective agent for the production of fertile transgenic maize (<i>Zea mays</i> L.) plants. <i>Molecular Breeding</i> , 2002, 10, 153-164.	2.1	73
22	Recent progress in reconstructing angiosperm phylogeny. <i>Trends in Plant Science</i> , 2000, 5, 330-336.	8.8	59
23	<i>SHORT INTEGUMENTS 2</i> Promotes Growth During Arabidopsis Reproductive Development. <i>Genetics</i> , 2000, 155, 899-907.	2.9	40
24	Arabidopsis in Australia: back to the future. <i>Trends in Plant Science</i> , 1999, 4, 381-382.	8.8	3
25	INNER NO OUTER regulates abaxial-adaxial patterning in Arabidopsis ovules. <i>Genes and Development</i> , 1999, 13, 3160-3169.	5.9	292
26	Arabidopsis TSO1 Regulates Directional Processes in Cells During Floral Organogenesis. <i>Genetics</i> , 1998, 150, 411-423.	2.9	55
27	Characterization of the cyclophilin gene family of Arabidopsis thaliana and phylogenetic analysis of known cyclophilin proteins. <i>Plant Molecular Biology</i> , 1997, 35, 873-892.		122
28	Homeodomains ring a in plant development. <i>Trends in Plant Science</i> , 1996, 1, 134-136.	8.8	3
29	An endochitinase gene expressed at high levels in the stylar transmitting tissue of tomatoes. <i>Plant Molecular Biology</i> , 1996, 30, 899-911.	3.9	52
30	DNA Sequences That Activate Isocitrate Lyase Gene Expression during Late Embryogenesis and during Postgerminative Growth. <i>Plant Physiology</i> , 1996, 110, 1069-1079.	4.8	16
31	Two Classes of Plant cDNA Clones Differentially Complement Yeast Calcineurin Mutants and Increase Salt Tolerance of Wild-type Yeast. <i>Journal of Biological Chemistry</i> , 1996, 271, 12859-12866.	3.4	181
32	Novel structure of a high molecular weight FK506 binding protein from. <i>Molecular Genetics and Genomics</i> , 1996, 252, 510.	2.4	0
33	Nature and regulation of pistil-expressed genes in tomato. <i>Plant Molecular Biology</i> , 1995, 28, 691-711.	3.9	85
34	Arabidopsis floral homeotic gene BELL (BEL1) controls ovule development through negative regulation of AGAMOUS gene (AG).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 5761-5765.	7.1	131
35	Pistil Development. <i>Plant Cell</i> , 1993, 5, 1231.	6.6	24
36	Transgenic Crops. <i>Scientific American</i> , 1992, 266, 62-69.	1.0	93

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37	Molecular Studies on the Differentiation of Floral Organs. Annual Review of Plant Biology, 1991, 42, 621-649.	14.3	43
38	Structure and expression of cytosolic cyclophilin/peptidyl-prolyl cis-trans isomerase of higher plants and production of active tomato cyclophilin in Escherichia coli.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 9519-9523.	7.1	159
39	Regulation of a stelar transmitting tissue-specific gene in wild-type and transgenic tomato and tobacco. Molecular Genetics and Genomics, 1990, 224, 183-192.	2.4	59
40	Identificaton and characterization of stamen- and tapetum-specific genes from tomato. Molecular Genetics and Genomics, 1990, 222, 9-16.	2.4	59
41	ABrassica napus gene encoding 5-enolpyruvylshikimate-3-phosphate synthase. Nucleic Acids Research, 1990, 18, 2821-2821.	14.5	15
42	Isolation of Tissue-Specific cDNAs from Tomato Pistils. Plant Cell, 1989, 1, 15.	6.6	23
43	The inhibition of petunia hsp70 mRNA processing during CdCl ₂ stress. Molecular Genetics and Genomics, 1988, 211, 315-319.	2.4	77
44	Cloning of an Arabidopsis thaliana gene encoding 5-enolpyruvylshikimate-3-phosphate synthase: sequence analysis and manipulation to obtain glyphosate-tolerant plants. Molecular Genetics and Genomics, 1987, 210, 437-442.	2.4	150