Koen Geuten

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Insights Into Natural Genetic Resistance to Rice Yellow Mottle Virus and Implications on Breeding for Durable Resistance. Frontiers in Plant Science, 2021, 12, 671355.	3.6	10
2	Single and Combined Methods to Specifically or Bulk-Purify RNA–Protein Complexes. Biomolecules, 2020, 10, 1160.	4.0	13
3	The Role of FLOWERING LOCUS C Relatives in Cereals. Frontiers in Plant Science, 2020, 11, 617340.	3.6	17
4	The molecular mechanism of vernalization in Arabidopsis and cereals: role of Flowering Locus C and its homologs. Physiologia Plantarum, 2020, 170, 373-383.	5.2	34
5	Cold Induced Antisense Transcription of FLOWERING LOCUS C in Distant Grasses. Frontiers in Plant Science, 2019, 10, 72.	3.6	20
6	The Effect of Ambient Temperature on Brachypodium distachyon Development. Frontiers in Plant Science, 2019, 10, 1011.	3.6	5
7	Resurrected Protein Interaction Networks Reveal the Innovation Potential of Ancient Whole-Genome Duplication. Plant Cell, 2018, 30, 2741-2760.	6.6	13
8	TM8 represses developmental timing in Nicotiana benthamiana and has functionally diversified in angiosperms. BMC Plant Biology, 2018, 18, 129.	3.6	3
9	The Origin of Floral Organ Identity Quartets. Plant Cell, 2017, 29, 229-242.	6.6	44
10	A Flowering Locus C Homolog Is a Vernalization-Regulated Repressor in <i>Brachypodium</i> and Is Cold Regulated in Wheat. Plant Physiology, 2017, 173, 1301-1315.	4.8	78
11	Exploiting DELLA Signaling in Cereals. Trends in Plant Science, 2017, 22, 880-893.	8.8	115
12	mRNA Interactome Capture from Plant Protoplasts. Journal of Visualized Experiments, 2017, , .	0.3	1
13	Extensive gene content variation in the Brachypodium distachyon pan-genome correlates with population structure. Nature Communications, 2017, 8, 2184.	12.8	269
14	UV crosslinked mRNA-binding proteins captured from leaf mesophyll protoplasts. Plant Methods, 2016, 12, 42.	4.3	53
15	Evolution of DNA-Binding Sites of a Floral Master Regulatory Transcription Factor. Molecular Biology and Evolution, 2016, 33, 185-200.	8.9	32
16	FLOWERING LOCUS C in monocots and the tandem origin of angiosperm-specific MADS-box genes. Nature Communications, 2013, 4, 2280.	12.8	142
17	When paleontology and molecular genetics meet: a genetic context for the evolution of conifer ovuliferous scales. New Phytologist, 2013, 200, 10-12.	7.3	6
18	The hybrid Four‫scp>CBS«/scp>â€Domain «scp>KIN«/scp>βγ subunit functions as the canonical γ subunit of the plant energy sensor Sn«scp>RK«/scp>1. Plant Journal, 2013, 75, 11-25.	5.7	77

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19	Analysis of Developmental Control Genes Using Virus-Induced Gene Silencing. Methods in Molecular Biology, 2013, 975, 61-69.	0.9	4
20	Heterochronic genes in plant evolution and development. Frontiers in Plant Science, 2013, 4, 381.	3.6	30
21	Gamma Paleohexaploidy in the Stem Lineage of Core Eudicots: Significance for MADS-Box Gene and Species Diversification. Molecular Biology and Evolution, 2012, 29, 3793-3806.	8.9	127
22	Transference of function shapes organ identity in the dove tree inflorescence. New Phytologist, 2012, 193, 216-228.	7.3	23
23	Robustness and evolvability in the B-system of flower development. Annals of Botany, 2011, 107, 1545-1556.	2.9	19
24	Unraveling the Phylogeny of Heptacodium and Zabelia (Caprifoliaceae): An Interdisciplinary Approach. Systematic Botany, 2011, 36, 231-252.	0.5	27
25	Expression divergence of the AGL6 MADS domain transcription factor lineage after a core eudicot duplication suggests functional diversification. BMC Plant Biology, 2010, 10, 148.	3.6	28
26	Hidden Variability of Floral Homeotic B Genes in Solanaceae Provides a Molecular Basis for the Evolution of Novel Functions Â. Plant Cell, 2010, 22, 2562-2578.	6.6	64
27	Pistillata—Duplications as a Mode for Floral Diversification in (Basal) Asterids. Molecular Biology and Evolution, 2009, 26, 2627-2645.	8.9	38
28	Experimental Design Criteria in Phylogenetics: Where to Add Taxa. Systematic Biology, 2007, 56, 609-622.	5.6	65
29	Phylogenetic utility of the AP3/DEF K-domain and its molecular evolution in Impatiens (Balsaminaceae). Molecular Phylogenetics and Evolution, 2007, 43, 225-239.	2.7	49
30	The rice genome encodes two vacuolar invertases with fructan exohydrolase activity but lacks the related fructan biosynthesis genes of the Pooideae. New Phytologist, 2007, 173, 50-62.	7.3	58
31	Phylogenetics of <i>Impatiens</i> and <i>Hydrocera</i> (Balsaminaceae) Using Chloroplast <i>atpB-rbcL</i> Spacer Sequences. Systematic Botany, 2006, 31, 171-180.	0.5	112
32	Petaloidy and petal identity MADSâ€box genes in the balsaminoid genera <i>Impatiens</i> and <i>Marcgravia</i> . Plant Journal, 2006, 47, 501-518.	5.7	54
33	Palynological Variation in Balsaminoid Ericales. II. Balsaminaceae, Tetrameristaceae, Pellicieraceae and General Conclusions. Annals of Botany, 2005, 96, 1061-1073.	2.9	26
34	<i>Gomphocalyx</i> and <i>Phylohydrax</i> (Rubiaceae): sister taxa excluded from Spermacoceae s.s., featuring a remarkable case of convergent evolution. Taxon, 2005, 54, 91-107.	0.7	19
35	Phylogeny and biogeography of Balsaminaceae inferred from ITS sequences. Taxon, 2004, 53, 391-404.	0.7	133