

# Lydia Gramzow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8100146/publications.pdf>

Version: 2024-02-01

24  
papers

3,296  
citations

516710

16  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

5406  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Norway spruce genome sequence and conifer genome evolution. <i>Nature</i> , 2013, 497, 579-584.	27.8	1,303
2	The Selaginella Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. <i>Science</i> , 2011, 332, 960-963.	12.6	794
3	A hitchhiker's guide to the MADS world of plants. <i>Genome Biology</i> , 2010, 11, 214.	9.6	252
4	On the origin of MADS-domain transcription factors. <i>Trends in Genetics</i> , 2010, 26, 149-153.	6.7	123
5	Horizontal gene transfer and functional diversification of plant cell wall degrading polygalacturonases: Key events in the evolution of herbivory in beetles. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 52, 33-50.	2.7	116
6	MADS goes genomic in conifers: towards determining the ancestral set of MADS-box genes in seed plants. <i>Annals of Botany</i> , 2014, 114, 1407-1429.	2.9	101
7	Live and Let Die - The Bsister MADS-Box Gene OsMADS29 Controls the Degeneration of Cells in Maternal Tissues during Seed Development of Rice ( <i>Oryza sativa</i> ). <i>PLoS ONE</i> , 2012, 7, e51435.	2.5	73
8	The Molecular Evolution of Cytochrome P450 Genes within and between <i>Drosophila</i> Species. <i>Genome Biology and Evolution</i> , 2014, 6, 1118-1134.	2.5	72
9	Phylogenomics of MADS-Box Genes in Plants – Two Opposing Life Styles in One Gene Family. <i>Biology</i> , 2013, 2, 1150-1164.	2.8	70
10	Phylogenomics reveals surprising sets of essential and dispensable clades of MIKC <sup>c</sup> -group MADS-box genes in flowering plants. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 353-362.	1.3	69
11	GORDITA (AGL63) is a young paralog of the <i>Arabidopsis thaliana</i> Bsister MADS box gene ABS (TT16) that has undergone neofunctionalization. <i>Plant Journal</i> , 2010, 63, 914-924.	5.7	49
12	SR1 – a small RNA with two remarkably conserved functions. <i>Nucleic Acids Research</i> , 2012, 40, 11659-11672.	14.5	42
13	Two independent duplications forming the Cyp307a genes in <i>Drosophila</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1044-1053.	2.7	37
14	Array of MADS-Box Genes: Facilitator for Rapid Adaptation?. <i>Trends in Plant Science</i> , 2018, 23, 563-576.	8.8	35
15	Selaginella Genome Analysis – Entering the “Homoplasy Heaven” of the MADS World. <i>Frontiers in Plant Science</i> , 2012, 3, 214.	3.6	31
16	Structure and Evolution of Plant MADS Domain Transcription Factors. , 2016, , 127-138.		30
17	Did Convergent Protein Evolution Enable Phytoplasmal to Generate “Zombie Plants”?. <i>Trends in Plant Science</i> , 2015, 20, 798-806.	8.8	28
18	<i>Aethionema arabicum</i> genome annotation using PacBio full-length transcripts provides a valuable resource for seed dormancy and Brassicaceae evolution research. <i>Plant Journal</i> , 2021, 106, 275-293.	5.7	20

#	ARTICLE	IF	CITATIONS
19	Non-canonical structure, function and phylogeny of the B sister MADS-box gene OsMADS30 of rice ( <i>Oryza sativa</i> ). <i>Journal of Experimental Botany</i> , 2019, 60, 1077-1087.	3.7	16
20	Plant miRNA Conservation and Evolution. <i>Methods in Molecular Biology</i> , 2019, 1932, 41-50.	0.9	14
21	A Dead Gene Walking: Convergent Degeneration of a Clade of MADS-Box Genes in Crucifers. <i>Molecular Biology and Evolution</i> , 2018, 35, 2618-2638.	8.9	10
22	Independent origin of <i>MIRNA</i> genes controlling homologous target genes by partial inverted duplication of antisense-transcribed sequences. <i>Plant Journal</i> , 2020, 101, 401-419.	5.7	7
23	Comparative transcriptomics identifies candidate genes involved in the evolutionary transition from dehiscent to indehiscent fruits in <i>Lepidium</i> (Brassicaceae). <i>BMC Plant Biology</i> , 2022, 22, .	3.6	3
24	Stranger than Fiction: Loss of MADS-Box Genes During Evolutionary Miniaturization of the Duckweed Body Plan. <i>Compendium of Plant Genomes</i> , 2020, , 91-101.	0.5	1