

# Cristina FerrÃ¡ndiz

## List of Publications by Year in descending order

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65  
papers

5,177  
citations

109321

35  
h-index

123424

61  
g-index

69  
all docs

69  
docs citations

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times ranked

4903  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice <i>SEPALLATA</i> genes <i>OsMADS5</i> and <i>OsMADS34</i> cooperate to limit inflorescence branching by repressing the <i>TERMINAL FLOWER1</i> like gene <i>RCN4</i> . <i>New Phytologist</i> , 2022, 233, 1682-1700.	7.3	34
2	A cellular analysis of meristem activity at the end of flowering points to cytokinin as a major regulator of proliferative arrest in <i>Arabidopsis</i> . <i>Current Biology</i> , 2022, 32, 749-762.e3.	3.9	19
3	A transcriptional complex of NGATHA and bHLH transcription factors directs stigma development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2021, 33, 3645-3657.	6.6	17
4	Comparative anatomy and genetic bases of fruit development in selected Rubiaceae (Gentianales). <i>American Journal of Botany</i> , 2021, 108, 1838-1860.	1.7	3
5	Identification of Players Controlling Meristem Arrest Downstream of the FRUITFULL-APETALA2 Pathway. <i>Plant Physiology</i> , 2020, 184, 945-959.	4.8	16
6	Evolution of Class II <i>TCP</i> genes in perianth bearing Piperales and their contribution to the bilateral calyx in <i>Aristolochia</i> . <i>New Phytologist</i> , 2020, 228, 752-769.	7.3	10
7	Expression of gynoecium patterning transcription factors in <i>Aristolochia fimbriata</i> (Aristolochiaceae) and their contribution to gynostemium development. <i>EvoDevo</i> , 2020, 11, 4.	3.2	6
8	New roles of NO TRANSMITTING TRACT and SEEDSTICK during medial domain development in <i>Arabidopsis</i> fruits. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	22
9	Expression and function of the <i>bHLH</i> genes <i>ALCATRAZ</i> and <i>SPATULA</i> in selected Solanaceae species. <i>Plant Journal</i> , 2019, 99, 686-702.	5.7	12
10	Fruit Development: Turning Sticks into Hearts. <i>Current Biology</i> , 2019, 29, R337-R339.	3.9	2
11	Inflorescence Meristem Fate Is Dependent on Seed Development and FRUITFULL in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1622.	3.6	19
12	Genetic control of meristem arrest and life span in <i>Arabidopsis</i> by a FRUITFULL-APETALA2 pathway. <i>Nature Communications</i> , 2018, 9, 565.	12.8	98
13	Loss of LOFSEP Transcription Factor Function Converts Spikelet to Leaf-Like Structures in Rice. <i>Plant Physiology</i> , 2018, 176, 1646-1664.	4.8	49
14	Identification of <i>Stipules reduced</i> , a leaf morphology gene in pea ( <i>Pisum sativum</i> ). <i>New Phytologist</i> , 2018, 220, 288-299.	7.3	21
15	Functional Genomics and Genetic Control of Flower and Fruit Development in <i>Medicago truncatula</i> : An Overview. <i>Methods in Molecular Biology</i> , 2018, 1822, 273-290.	0.9	6
16	Functional characterization of AGAMOUS-subfamily members from cotton during reproductive development and in response to plant hormones. <i>Plant Reproduction</i> , 2017, 30, 19-39.	2.2	12
17	FRUITFULL controls SAUR10 expression and regulates <i>Arabidopsis</i> growth and architecture. <i>Journal of Experimental Botany</i> , 2017, 68, 3391-3403.	4.8	79
18	Shattering fruits: variations on a dehiscent theme. <i>Current Opinion in Plant Biology</i> , 2017, 35, 68-75.	7.1	87

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19	The Role of SHI/STY/SRS Genes in Organ Growth and Carpel Development Is Conserved in the Distant Eudicot Species <i>Arabidopsis thaliana</i> and <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 814.	3.6	51
20	The bHLH transcription factor SPATULA enables cytokinin signaling, and both activate auxin biosynthesis and transport genes at the medial domain of the gynoecium. <i>PLoS Genetics</i> , 2017, 13, e1006726.	3.5	98
21	<i>Arabidopsis</i> <i>COGWHEEL1</i> links light perception and gibberellins with seed tolerance to deterioration. <i>Plant Journal</i> , 2016, 87, 583-596.	5.7	28
22	Leaf expansion in <i>Arabidopsis</i> is controlled by a <i>TCP-NGA</i> regulatory module likely conserved in distantly related species. <i>Physiologia Plantarum</i> , 2015, 155, 21-32.	5.2	56
23	Pea <i>VEGETATIVE2</i> Is an <i>FD</i> Homolog That Is Essential for Flowering and Compound Inflorescence Development. <i>Plant Cell</i> , 2015, 27, 1046-1060.	6.6	46
24	The effect of <i>NGATHA</i> altered activity on auxin signaling pathways within the <i>Arabidopsis</i> gynoecium. <i>Frontiers in Plant Science</i> , 2014, 5, 210.	3.6	38
25	The essential role of <i>NGATHA</i> genes in style and stigma specification is widely conserved across eudicots. <i>New Phytologist</i> , 2014, 202, 1001-1013.	7.3	23
26	Sequential action of <i>FRUITFULL</i> as a modulator of the activity of the floral regulators <i>SVP</i> and <i>SOC1</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 1193-1203.	4.8	74
27	The <i>NTT</i> transcription factor promotes replum development in <i>Arabidopsis</i> fruits. <i>Plant Journal</i> , 2014, 80, 69-81.	5.7	61
28	The <i>TRANSPLANTA</i> collection of <i>Arabidopsis</i> lines: a resource for functional analysis of transcription factors based on their conditional overexpression. <i>Plant Journal</i> , 2014, 77, 944-953.	5.7	104
29	The <i>CRC</i> orthologue from <i>Pisum sativum</i> shows conserved functions in carpel morphogenesis and vascular development. <i>Annals of Botany</i> , 2014, 114, 1535-1544.	2.9	55
30	Genetic and Phenotypic Analyses of Carpel Development in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2014, 1110, 231-249.	0.9	5
31	Flower Development: Open Questions and Future Directions. <i>Methods in Molecular Biology</i> , 2014, 1110, 103-124.	0.9	26
32	Role of the <i>FUL-SHP</i> network in the evolution of fruit morphology and function. <i>Journal of Experimental Botany</i> , 2013, 65, 4505-4513.	4.8	65
33	A Change in <i>SHATTERPROOF</i> Protein Lies at the Origin of a Fruit Morphological Novelty and a New Strategy for Seed Dispersal in <i>Medicago</i> Genus. <i>Plant Physiology</i> , 2013, 162, 907-917.	4.8	54
34	<i>VEGETATIVE1</i> is essential for development of the compound inflorescence in pea. <i>Nature Communications</i> , 2012, 3, 797.	12.8	85
35	Functional analyses of <i>AGAMOUS</i> family members in <i>Nicotiana benthamiana</i> clarify the evolution of early and late roles of <i>C</i> function genes in eudicots. <i>Plant Journal</i> , 2012, 71, 990-1001.	5.7	47
36	<i>INDEHISCENT</i> and <i>SPATULA</i> Interact to Specify Carpel and Valve Margin Tissue and Thus Promote Seed Dispersal in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3641-3653.	6.6	165

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37	Carpel Development. <i>Advances in Botanical Research</i> , 2010, 55, 1-73.	1.1	65
38	Instructive roles for hormones in plant development. <i>International Journal of Developmental Biology</i> , 2009, 53, 1597-1608.	0.6	70
39	Dynamic, auxin-responsive plasma membrane-to-nucleus movement of <i>Arabidopsis</i> BRX. <i>Development (Cambridge)</i> , 2009, 136, 2059-2067.	2.5	92
40	The <i>NGATHA</i> Genes Direct Style Development in the <i>Arabidopsis</i> Gynoecium. <i>Plant Cell</i> , 2009, 21, 1394-1409.	6.6	135
41	Analysis of B function in legumes: PISTILLATA proteins do not require the PI motif for floral organ development in <i>Medicago truncatula</i> . <i>Plant Journal</i> , 2009, 60, 102-111.	5.7	57
42	Differential expression of the ornithine decarboxylase gene during carposporogenesis in the thallus of the red seaweed <i>Grateloupia imbricata</i> (Halymeniaceae). <i>Journal of Plant Physiology</i> , 2009, 166, 1745-1754.	3.5	19
43	Preparation and Hydrolysis of Digoxigenin-Labeled Probes for In Situ Hybridization of Plant Tissues. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4942-pdb.prot4942.	0.3	3
44	Nonradioactive In Situ Hybridization of RNA Probes to Sections of Plant Tissues. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4943-pdb.prot4943.	0.3	6
45	Common regulatory networks in leaf and fruit patterning revealed by mutations in the <i>Arabidopsis</i> ASYMMETRIC LEAVES1 gene. <i>Development (Cambridge)</i> , 2007, 134, 2663-2671.	2.5	107
46	The Evolution of Plant Development: Past, Present and Future: Preface. <i>Annals of Botany</i> , 2007, 100, 599-601.	2.9	4
47	PEPPER, a novel K-homology domain gene, regulates vegetative and gynoecium development in <i>Arabidopsis</i> . <i>Developmental Biology</i> , 2006, 289, 346-359.	2.0	41
48	How Floral Meristems are Built. <i>Plant Molecular Biology</i> , 2006, 60, 855-870.	3.9	160
49	Genetic and genomic analysis of legume flowers and seeds. <i>Current Opinion in Plant Biology</i> , 2006, 9, 133-141.	7.1	35
50	Patterning the female side of <i>Arabidopsis</i> : the importance of hormones. <i>Journal of Experimental Botany</i> , 2006, 57, 3457-3469.	4.8	79
51	Isolation of mtpim Proves Tnt1 a Useful Reverse Genetics Tool in <i>Medicago truncatula</i> and Uncovers New Aspects of AP1-Like Functions in Legumes. <i>Plant Physiology</i> , 2006, 142, 972-983.	4.8	121
52	Conservation of <i>Arabidopsis</i> Flowering Genes in Model Legumes. <i>Plant Physiology</i> , 2005, 137, 1420-1434.	4.8	270
53	Functional Conservation of PISTILLATA Activity in a Pea Homolog Lacking the PI Motif. <i>Plant Physiology</i> , 2005, 139, 174-185.	4.8	34
54	The Role of the REPLUMLESS Homeodomain Protein in Patterning the <i>Arabidopsis</i> Fruit. <i>Current Biology</i> , 2003, 13, 1630-1635.	3.9	285

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55	Synergistic Activation of Seed Storage Protein Gene Expression in Arabidopsis by ABI3 and Two bZIPs Related to OPAQUE2. <i>Journal of Biological Chemistry</i> , 2003, 278, 21003-21011.	3.4	154
56	The Role of MADS-Box Genes in the Control of Flower and Fruit Development in Arabidopsis. , 2003, , 20-27.		0
57	Regulation of fruit dehiscence in Arabidopsis. <i>Journal of Experimental Botany</i> , 2002, 53, 2031-2038.	4.8	147
58	The amphipathic peptide mellitin as a tool to study the membrane-dependent activation of tissue transglutaminase. <i>International Journal of Peptide Research and Therapeutics</i> , 2001, 8, 69-76.	0.1	0
59	Analysis of PEAM4, the peaAP1 functional homologue, supports a model for AP1-like genes controlling both floral meristem and floral organ identity in different plant species. <i>Plant Journal</i> , 2001, 25, 441-451.	5.7	110
60	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 2001, 8, 69-76.	0.1	0
61	Activation Tagging in Arabidopsis. <i>Plant Physiology</i> , 2000, 122, 1003-1014.	4.8	896
62	Negative Regulation of the SHATTERPROOF Genes by FRUITFULL During Arabidopsis Fruit Development. <i>Science</i> , 2000, 289, 436-438.	12.6	444
63	Control of Carpel and Fruit Development in Arabidopsis. <i>Annual Review of Biochemistry</i> , 1999, 68, 321-354.	11.1	206
64	Gln5 Selectively Monodansylated Substance P as a Sensitive Tool for Interaction Studies with Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 359-365.	2.1	25
65	Gynoecium Patterning in Arabidopsis: A Basic Plan behind a Complex Structure. , 0, , 35-69.		11