Ramin Yadegari

List of Publications by Year
in descending order

35 papers	4,336 citations	236925 25 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	3912 citing authors

#	Article	IF	Citations
1	Plant Embryogenesis: Zygote to Seed. Science, 1994, 266, 605-614.	12.6	534
2	Mutations in FIE, a WD Polycomb Group Gene, Allow Endosperm Development without Fertilization. Plant Cell, 1999, 11, 407-415.	6.6	407
3	Female Gametophyte Development. Plant Cell, 2004, 16, S133-S141.	6.6	370
4	Control of fertilization-independent endosperm development by the MEDEA polycomb gene in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4186-4191.	7.1	331
5	Imprinting of the MEDEA Polycomb Gene in the Arabidopsis Endosperm. Plant Cell, 1999, 11, 1945-1952.	6.6	313
6	The role of JAGGED in shaping lateral organs. Development (Cambridge), 2004, 131, 1101-1110.	2.5	277
7	Mutations in the FIE and MEA Genes That Encode Interacting Polycomb Proteins Cause Parent-of-Origin Effects on Seed Development by Distinct Mechanisms. Plant Cell, 2000, 12, 2367-2381.	6.6	231
8	RNA Sequencing of Laser-Capture Microdissected Compartments of the Maize Kernel Identifies Regulatory Modules Associated with Endosperm Cell Differentiation. Plant Cell, 2015, 27, 513-531.	6.6	206
9	Development and Function of the Angiosperm Female Gametophyte. Annual Review of Genetics, 2002, 36, 99-124.	7.6	197
10	Temporal patterns of gene expression in developing maize endosperm identified through transcriptome sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7582-7587.	7.1	146
11	RPK1 and TOAD2 Are Two Receptor-like Kinases Redundantly Required for Arabidopsis Embryonic Pattern Formation. Developmental Cell, 2007, 12, 943-956.	7.0	137
12	Structure and nucleotide sequence of a Drosophila melanogaster protein kinase C gene.. EMBO Journal, 1987, 6, 433-441.	7.8	128
13	The Arabidopsis Embryo Mutant schlepperless Has a Defect in the Chaperonin-60Î± Gene. Plant Physiology, 2001, 126, 717-730.	4.8	124
14	Partially redundant functions of two SET-domain polycomb-group proteins in controlling initiation of seed development in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13244-13249.	7.1	123
15	Dynamic Expression of Imprinted Genes Associates with Maternally Controlled Nutrient Allocation during Maize Endosperm Development. Plant Cell, 2013, 25, 3212-3227.	6.6	97
16	Opaque-2 Regulates a Complex Gene Network Associated with Cell Differentiation and Storage Functions of Maize Endosperm. Plant Cell, 2018, 30, 2425-2446.	6.6	83
17	Maize early endosperm growth and development: From fertilization through cell type differentiation. American Journal of Botany, 2014, 101, 1259-1274.	1.7	80
18	ACTIN-RELATED PROTEIN6 Regulates Female Meiosis by Modulating Meiotic Gene Expression in Arabidopsis. Plant Cell, 2014, 26, 1612-1628.	6.6	68

#	Article	IF	Citations
19	Cell Differentiation and Morphogenesis Are Uncoupled in Arabidopsis raspberry Embryos. Plant Cell, 1994, 6, 1713.	6.6	64
20	Identification of transcription-factor genes expressed in the Arabidopsis female gametophyte. BMC Plant Biology, 2010, 10, 110.	3.6	60
21	FERTILIZATION-INDEPENDENT SEED-Polycomb Repressive Complex 2 Plays a Dual Role in Regulating Type I MADS-Box Genes in Early Endosperm Development. Plant Physiology, 2018, 177, 285-299.	4.8	60
22	The isolation, characterization and sequence of two divergent ?-tubulin genes from soybean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	57
23	Plant SMU-1 and SMU-2 Homologues Regulate Pre-mRNA Splicing and Multiple Aspects of Development. Plant Physiology, 2009, 151, 1498-1512.	4.8	37
24	RASPBERRY3 Gene Encodes a Novel Protein Important for Embryo Development. Plant Physiology, 2002, 129, 691-705.	4.8	35
25	Imprinting of the MEDEA Polycomb Gene in the Arabidopsis Endosperm. Plant Cell, 1999, 11, 1945.	6.6	31
26	Arabidopsis CALCINEURIN B-LIKE10 Functions Independently of the SOS Pathway during Reproductive Development in Saline Conditions. Plant Physiology, 2016, 171, 369-379.	4.8	31
27	Segregation distortion in Arabidopsis gametophytic factor 1 (gfa1) mutants is caused by a deficiency of an essential RNA splicing factor. Sexual Plant Reproduction, 2007, 20, 87-97.	2.2	23
28	Embryogenesis in Dicotyledonous Plants. Advances in Cellular and Molecular Biology of Plants, 1997, , 3-52.	0.2	19
29	Identification of genes expressed in the angiosperm female gametophyte. Journal of Experimental Botany, 2011, 62, 1593-1599.	4.8	17
30	Broadening the impact of plant science through innovative, integrative, and inclusive outreach. Plant Direct, 2021, 5, e00316.	1.9	14
31	RNA-Seq analysis of laser-capture microdissected cells of the developing central starchy endosperm of maize. Genomics Data, 2014, 2, 242-245.	1.3	13
32	Maize opaque mutants are no longer so opaque. Plant Reproduction, 2018, 31, 319-326.	2.2	12
33	Laser-Capture Microdissection of Maize Kernel Compartments for RNA-Seq-Based Expression Analysis. Methods in Molecular Biology, 2018, 1676, 153-163.	0.9	9
34	Mutations in the FIE and MEA Genes That Encode Interacting Polycomb Proteins Cause Parent-of-Origin Effects on Seed Development by Distinct Mechanisms. Plant Cell, 2000, 12, 2367.	6.6	2
35	ACTINâ€RELATED PROTEIN 6 regulates DISRUPTED MEIOTIC cDNA 1 gene expression in Arabidopsis thaliana ovules. Molecular Reproduction and Development, 2015, 82, 499-499.	2.0	0