

# Ramin Yadegari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2862052/publications.pdf>

Version: 2024-02-01

35  
papers

4,336  
citations

236833

25  
h-index

377752

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Embryogenesis: Zygote to Seed. <i>Science</i> , 1994, 266, 605-614.	6.0	534
2	Mutations in FIE, a WD Polycomb Group Gene, Allow Endosperm Development without Fertilization. <i>Plant Cell</i> , 1999, 11, 407-415.	3.1	407
3	Female Gametophyte Development. <i>Plant Cell</i> , 2004, 16, S133-S141.	3.1	370
4	Control of fertilization-independent endosperm development by the MEDEA polycomb gene in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4186-4191.	3.3	331
5	Imprinting of the MEDEA Polycomb Gene in the Arabidopsis Endosperm. <i>Plant Cell</i> , 1999, 11, 1945-1952.	3.1	313
6	The role of JAGGED in shaping lateral organs. <i>Development (Cambridge)</i> , 2004, 131, 1101-1110.	1.2	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. <i>Plant Cell</i> , 2000, 12, 2367-2381.	3.1	231
8	RNA Sequencing of Laser-Capture Microdissected Compartments of the Maize Kernel Identifies Regulatory Modules Associated with Endosperm Cell Differentiation. <i>Plant Cell</i> , 2015, 27, 513-531.	3.1	206
9	Development and Function of the Angiosperm Female Gametophyte. <i>Annual Review of Genetics</i> , 2002, 36, 99-124.	3.2	197
10	Temporal patterns of gene expression in developing maize endosperm identified through transcriptome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7582-7587.	3.3	146
11	RPK1 and TOAD2 Are Two Receptor-like Kinases Redundantly Required for Arabidopsis Embryonic Pattern Formation. <i>Developmental Cell</i> , 2007, 12, 943-956.	3.1	137
12	Structure and nucleotide sequence of a Drosophila melanogaster protein kinase C gene.. <i>EMBO Journal</i> , 1987, 6, 433-441.	3.5	128
13	The Arabidopsis Embryo Mutant schlepperless Has a Defect in the Chaperonin-60 Gene. <i>Plant Physiology</i> , 2001, 126, 717-730.	2.3	124
14	Partially redundant functions of two SET-domain polycomb-group proteins in controlling initiation of seed development in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13244-13249.	3.3	123
15	Dynamic Expression of Imprinted Genes Associates with Maternally Controlled Nutrient Allocation during Maize Endosperm Development. <i>Plant Cell</i> , 2013, 25, 3212-3227.	3.1	97
16	Opaque-2 Regulates a Complex Gene Network Associated with Cell Differentiation and Storage Functions of Maize Endosperm. <i>Plant Cell</i> , 2018, 30, 2425-2446.	3.1	83
17	Maize early endosperm growth and development: From fertilization through cell type differentiation. <i>American Journal of Botany</i> , 2014, 101, 1259-1274.	0.8	80
18	ACTIN-RELATED PROTEIN6 Regulates Female Meiosis by Modulating Meiotic Gene Expression in Arabidopsis. <i>Plant Cell</i> , 2014, 26, 1612-1628.	3.1	68

#	ARTICLE	IF	CITATIONS
19	Cell Differentiation and Morphogenesis Are Uncoupled in Arabidopsis raspberry Embryos. <i>Plant Cell</i> , 1994, 6, 1713.	3.1	64
20	Identification of transcription-factor genes expressed in the Arabidopsis female gametophyte. <i>BMC Plant Biology</i> , 2010, 10, 110.	1.6	60
21	FERTILIZATION-INDEPENDENT SEED-Polycomb Repressive Complex 2 Plays a Dual Role in Regulating Type I MADS-Box Genes in Early Endosperm Development. <i>Plant Physiology</i> , 2018, 177, 285-299.	2.3	60
22	The isolation, characterization and sequence of two divergent $\gamma$ -tubulin genes from soybean ( <i>Glycine</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	57
23	Plant SMU-1 and SMU-2 Homologues Regulate Pre-mRNA Splicing and Multiple Aspects of Development. <i>Plant Physiology</i> , 2009, 151, 1498-1512.	2.3	37
24	RASPBERRY3 Gene Encodes a Novel Protein Important for Embryo Development. <i>Plant Physiology</i> , 2002, 129, 691-705.	2.3	35
25	Imprinting of the MEDEA Polycomb Gene in the Arabidopsis Endosperm. <i>Plant Cell</i> , 1999, 11, 1945.	3.1	31
26	Arabidopsis CALCINEURIN B-LIKE10 Functions Independently of the SOS Pathway during Reproductive Development in Saline Conditions. <i>Plant Physiology</i> , 2016, 171, 369-379.	2.3	31
27	Segregation distortion in Arabidopsis gametophytic factor 1 ( <i>gfa1</i> ) mutants is caused by a deficiency of an essential RNA splicing factor. <i>Sexual Plant Reproduction</i> , 2007, 20, 87-97.	2.2	23
28	Embryogenesis in Dicotyledonous Plants. <i>Advances in Cellular and Molecular Biology of Plants</i> , 1997, , 3-52.	0.2	19
29	Identification of genes expressed in the angiosperm female gametophyte. <i>Journal of Experimental Botany</i> , 2011, 62, 1593-1599.	2.4	17
30	Broadening the impact of plant science through innovative, integrative, and inclusive outreach. <i>Plant Direct</i> , 2021, 5, e00316.	0.8	14
31	RNA-Seq analysis of laser-capture microdissected cells of the developing central starchy endosperm of maize. <i>Genomics Data</i> , 2014, 2, 242-245.	1.3	13
32	Maize opaque mutants are no longer so opaque. <i>Plant Reproduction</i> , 2018, 31, 319-326.	1.3	12
33	Laser-Capture Microdissection of Maize Kernel Compartments for RNA-Seq-Based Expression Analysis. <i>Methods in Molecular Biology</i> , 2018, 1676, 153-163.	0.4	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. <i>Plant Cell</i> , 2000, 12, 2367.	3.1	2
35	ACTIN-RELATED PROTEIN 6 regulates DISRUPTED MEIOTIC cDNA 1 gene expression in <i>Arabidopsis thaliana</i> ovules. <i>Molecular Reproduction and Development</i> , 2015, 82, 499-499.	1.0	0