

Matthew M S Evans

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,348
citations

567281

15
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

1868
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide discovery and characterization of maize long non-coding RNAs. <i>Genome Biology</i> , 2014, 15, R40.	9.6	419
2	The indeterminate gametophyte1 Gene of Maize Encodes a LOB Domain Protein Required for Embryo Sac and Leaf Development. <i>Plant Cell</i> , 2007, 19, 46-62.	6.6	211
3	Unique features of the plant life cycle and their consequences. <i>Nature Reviews Genetics</i> , 2003, 4, 369-379.	16.3	158
4	Discovery of novel transcripts and gametophytic functions via RNA-seq analysis of maize gametophytic transcriptomes. <i>Genome Biology</i> , 2014, 15, 414.	8.8	74
5	Interaction Between Maternal Effect and Zygotic Effect Mutations During Maize Seed Development. <i>Genetics</i> , 2001, 159, 303-315.	2.9	55
6	Maternal Gametophytic baseless1 Is Required for Development of the Central Cell and Early Endosperm Patterning in Maize (<i>Zea mays</i>). <i>Genetics</i> , 2006, 174, 317-329.	2.9	54
7	The <i>Zea mays</i> Sexual Compatibility Gene <i>ga2</i> : Naturally Occurring Alleles, Their Distribution, and Role in Reproductive Isolation. <i>Journal of Heredity</i> , 2010, 101, 737-749.	2.4	50
8	Pollenâ€pistil barriers to crossing in maize and teosinte result from incongruity rather than active rejection. <i>Sexual Plant Reproduction</i> , 2005, 18, 187-194.	2.2	36
9	The viviparous8 mutation delays vegetative phase change and accelerates the rate of seedling growth in maize. <i>Plant Journal</i> , 1997, 12, 769-779.	5.7	31
10	Correlation between a loss of auxin signaling and a loss of proliferation in maize antipodal cells. <i>Frontiers in Plant Science</i> , 2015, 6, 187.	3.6	31
11	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , 2021, 10, .	6.0	31
12	Genetic and cellular analysis of cross-incompatibility in <i>Zea mays</i> . <i>Plant Reproduction</i> , 2014, 27, 19-29.	2.2	30
13	High expression in maize pollen correlates with genetic contributions to pollen fitness as well as with coordinated transcription from neighboring transposable elements. <i>PLoS Genetics</i> , 2020, 16, e1008462.	3.5	30
14	A pistil-expressed pectin methylesterase confers cross-incompatibility between strains of <i>Zea mays</i> . <i>Nature Communications</i> , 2019, 10, 2304.	12.8	26
15	Insights into the molecular control of cross-incompatibility in <i>Zea mays</i> . <i>Plant Reproduction</i> , 2020, 33, 117-128.	2.2	21
16	Analysis of <i>stunter1</i> , a Maize Mutant with Reduced Gametophyte Size and Maternal Effects on Seed Development. <i>Genetics</i> , 2011, 187, 1085-1097.	2.9	20
17	Maternal Gametophyte Effects on Seed Development in Maize. <i>Genetics</i> , 2016, 204, 233-248.	2.9	17
18	Parent-of-Origin-Effect <i>rough endosperm</i> Mutants in Maize. <i>Genetics</i> , 2016, 204, 221-231.	2.9	16

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19	The Maize Megagametophyte. , 2009, , 79-104.		15
20	Maternal regulation of seed growth and patterning in flowering plants. Current Topics in Developmental Biology, 2020, 140, 257-282.	2.2	10
21	Live-Cell Imaging of Auxin and Cytokinin Signaling in Maize Female Gametophytes. Methods in Molecular Biology, 2017, 1669, 95-101.	0.9	3
22	RNA Isolation and Analysis of LncRNAs from Gametophytes of Maize. Methods in Molecular Biology, 2019, 1933, 67-86.	0.9	3
23	Title is missing!. , 2020, 16, e1008462.		0
24	Title is missing!. , 2020, 16, e1008462.		0
25	Title is missing!. , 2020, 16, e1008462.		0
26	Title is missing!. , 2020, 16, e1008462.		0
27	Title is missing!. , 2020, 16, e1008462.		0