Elizabeth J Finnegan

List of Publications by Year
in descending order

67 papers	7,837 citations	71102 41 h-index	102487 66 g-index
71 all docs	71 docs citations	71 times ranked	8774 citing authors

#	Article	IF	Citations
1	<i>APETALAÂ2â€</i>like genes <i>AP2L2</i> and <i>Q</i> specify lemma identity and axillary floral meristem development inÂwheat. Plant Journal, 2020, 101, 171-187.	5.7	56
2	The key role of terminators on the expression and postâ€transcriptional gene silencing of transgenes. Plant Journal, 2020, 104, 96-112.	5.7	43
3	Resetting FLOWERING LOCUS C Expression After Vernalization Is Just Activation in the Early Embryo by a Different Name. Frontiers in Plant Science, 2020, 11, 620155.	3.6	7
4	Zebularine treatment is associated with deletion of <i>FT</i>â€<i>B1</i> leading to an increase in spikelet number in bread wheat. Plant, Cell and Environment, 2018, 41, 1346-1360.	5.7	36
5	Developmental responses of bread wheat to changes in ambient temperature following deletion of a locus that includes <i>FLOWERING LOCUS T1</i>. Plant, Cell and Environment, 2018, 41, 1715-1725.	5.7	46
6	Mutants in the imprinted <i><scp>PICKLE RELATED</scp> 2</i> gene suppress seed abortion of <i>fertilization independent seed</i> class mutants and paternal excess interploidy crosses in Arabidopsis. Plant Journal, 2017, 90, 383-395.	5.7	34
7	New alleles of the wheat domestication gene<i>Q</i>reveal multiple roles in growth and reproductive development. Development (Cambridge), 2017, 144, 1959-1965.	2.5	74
8	What makes for sound science?. BMC Plant Biology, 2017, 17, 196.	3.6	0
9	Timeâ€dependent stabilization of the +1 nucleosome is an early step in the transition to stable coldâ€induced repression of <i>FLC</i>. Plant Journal, 2015, 84, 875-885.	5.7	9
10	Ppd-1 is a key regulator of inflorescence architecture and paired spikelet development in wheat. Nature Plants, 2015, 1, 14016.	9.3	186
11	Direct links between the vernalization response and other key traits of cereal crops. Nature Communications, 2015, 6, 5882.	12.8	177
12	How is FLC repression initiated by cold?. Trends in Plant Science, 2015, 20, 76-82.	8.8	29
13	Kicking against the PRCs â€“ A Domesticated Transposase Antagonises Silencing Mediated by Polycomb Group Proteins and Is an Accessory Component of Polycomb Repressive Complex 2. PLoS Genetics, 2015, 11, e1005660.	3.5	68
14	Imprinting in rice: the role of <scp>DNA</scp> and histone methylation in modulating parentâ€ofâ€origin specific expression and determining transcript start sites. Plant Journal, 2014, 79, 232-242.	5.7	31
15	Genetic and DNA Methylation Changes in Cotton (Gossypium) Genotypes and Tissues. PLoS ONE, 2014, 9, e86049.	2.5	56
16	Thermal stress effects on grain yield in Brachypodium distachyon occur via H2A.Z-nucleosomes. Genome Biology, 2013, 14, R65.	8.8	82
17	A 22â€nt artificial micro RNA mediates widespread RNA silencing in A rabidopsis. Plant Journal, 2013, 76, 519-529.	5.7	52
18	Grasses provide new insights into regulation of shoot branching. Trends in Plant Science, 2013, 18, 41-48.	8.8	124

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19	Vernalization. Current Biology, 2012, 22, R471-R472.	3.9	5
20	Self-incompatibility: Smi silences through a novel sRNA pathway. Trends in Plant Science, 2011, 16, 238-241.	8.8	20
21	Vernalization-Repression of Arabidopsis FLC Requires Promoter Sequences but Not Antisense Transcripts. PLoS ONE, 2011, 6, e21513.	2.5	121
22	The low temperature response pathways for cold acclimation and vernalization are independent. Plant, Cell and Environment, 2011, 34, 1737-1748.	5.7	43
23	Polycomb proteins regulate the quantitative induction of <i>VERNALIZATION INSENSITIVE 3</i> in response to low temperatures. Plant Journal, 2011, 65, 382-391.	5.7	38
24	Transcriptionâ€dependence of histone H3 lysine 27 trimethylation at the Arabidopsis polycomb target gene <i>FLC</i>. Plant Journal, 2011, 65, 872-881.	5.7	65
25	Epigenetic imbalance and the floral developmental abnormality of the in vitro-regenerated oil palm Elaeis guineensis. Annals of Botany, 2011, 108, 1453-1462.	2.9	59
26	Plant phenotypic plasticity in a changing climate. Trends in Plant Science, 2010, 15, 684-692.	8.8	1,571
27	Vernalization-induced flowering in cereals is associated with changes in histone methylation at the <i>VERNALIZATION1</i> gene. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8386-8391.	7.1	208
28	Histone Acetylation, VERNALIZATION INSENSITIVE 3 , FLOWERING LOCUS C , and the Vernalization Response. Molecular Plant, 2009, 2, 724-737.	8.3	64
29	Hypoxia. Plant Signaling and Behavior, 2009, 4, 773-776.	2.4	9
30	Promoting gene expression in plants by permissive histone lysine methylation. Plant Signaling and Behavior, 2009, 4, 484-488.	2.4	26
31	Regulation of Carotenoid Composition and Shoot Branching in<i>Arabidopsis</i>by a Chromatin Modifying Histone Methyltransferase, SDG8. Plant Cell, 2009, 21, 39-53.	6.6	207
32	Mechanisms of gene repression by vernalization in Arabidopsis. Plant Journal, 2009, 59, 488-498.	5.7	56
33	<i>VERNALIZATION INSENSITIVE 3</i> (<i>VIN3</i>) is required for the response of <i>Arabidopsis thaliana</i> seedlings exposed to low oxygen conditions. Plant Journal, 2009, 59, 576-587.	5.7	59
34	Polycomb repression. Plant Signaling and Behavior, 2008, 3, 412-414.	2.4	2
35	UBIQUITIN-SPECIFIC PROTEASE 26 Is Required for Seed Development and the Repression of <i>PHERES1</i> in Arabidopsis. Genetics, 2008, 180, 229-236.	2.9	66
36	Leaving the Past Behind. PLoS Genetics, 2008, 4, e1000248.	3.5	3

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37	Isolation and expression analysis of genes encoding MET, CMT, and DRM methyltransferases in oil palm (Elaeis guineensis Jacq.) in relation to the â€˜mantledâ€™ somaclonal variation. Journal of Experimental Botany, 2008, 59, 3271-3281.	4.8	49
38	The FLX Gene of Arabidopsis is Required for FRI-Dependent Activation of FLC Expression. Plant and Cell Physiology, 2007, 49, 191-200.	3.1	31
39	Passing the message on: inheritance of epigenetic traits. Trends in Plant Science, 2007, 12, 211-216.	8.8	77
40	Vernalization-Induced Trimethylation of Histone H3 Lysine 27 at FLC Is Not Maintained in Mitotically Quiescent Cells. Current Biology, 2007, 17, 1978-1983.	3.9	221
41	The evolution and diversification of Dicers in plants. FEBS Letters, 2006, 580, 2442-2450.	2.8	283
42	Quantitative effects of vernalization onFLCandSOC1expression. Plant Journal, 2006, 45, 871-883.	5.7	98
43	The downregulation of FLOWERING LOCUS C (FLC) expression in plants with low levels of DNA methylation and by vernalization occurs by distinct mechanisms. Plant Journal, 2005, 44, 420-432.	5.7	125
44	A Cluster of Arabidopsis Genes with a Coordinate Response to an Environmental Stimulus. Current Biology, 2004, 14, 911-916.	3.9	74
45	Opposing effects of reduced DNA methylation on flowering time in Arabidopsis thaliana. Planta, 2003, 216, 461-466.	3.2	34
46	Posttranscriptional Gene Silencing Is Not Compromised in the Arabidopsis CARPEL FACTORY (DICER-LIKE1) Mutant, a Homolog of Dicer-1 from Drosophila. Current Biology, 2003, 13, 236-240.	3.9	142
47	The small RNA world. Journal of Cell Science, 2003, 116, 4689-4693.	2.0	169
48	Epialleles â€” a source of random variation in times of stress. Current Opinion in Plant Biology, 2002, 5, 101-106.	7.1	88
49	Replicating satellite RNA induces sequence-specific DNA methylation and truncated transcripts in plants. Rna, 2001, 7, 16-28.	3.5	87
50	Site specificity of the Arabidopsis METI DNA methyltransferase demonstrated through hypermethylation of the superman locus. Plant Molecular Biology, 2001, 46, 171-183.	3.9	67
51	The control of flowering by vernalization. Current Opinion in Plant Biology, 2000, 3, 418-422.	7.1	126
52	DNA methylation, a key regulator of plant development and other processes. Current Opinion in Genetics and Development, 2000, 10, 217-223.	3.3	240
53	The molecular basis of vernalization: The central role of FLOWERING LOCUS C (FLC). Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3753-3758.	7.1	366
54	Analysis of alternative transcripts of the flaxL6rust resistance gene. Plant Journal, 1999, 17, 287-292.	5.7	86

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55	Multiple DNA methyltransferase genes in Arabidopsis thaliana. Plant Molecular Biology, 1999, 41, 269-278.	3.9	70
56	A flax transposon identified in two spontaneous mutant alleles of theL6rust resistance gene. Plant Journal, 1998, 16, 365-369.	5.7	31
57	DNA methylation and the promotion of flowering by vernalization. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5824-5829.	7.1	205
58	Vernalization and the initiation of flowering. Seminars in Cell and Developmental Biology, 1996, 7, 441-448.	5.0	32
59	Reduced DNA methylation in Arabidopsis thaliana results in abnormal plant development.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8449-8454.	7.1	703
60	Cloning a Rust-Resistance Gene in Flax. Current Plant Science and Biotechnology in Agriculture, 1994, , 303-306.	0.0	8
61	Behaviour of modified Ac elements in flax callus and regenerated plants. Plant Molecular Biology, 1993, 22, 625-633.	3.9	30
62	Isolation and identification by sequence homology of a putative cytosine methyltransferase fromArabidopsis thaliana. Nucleic Acids Research, 1993, 21, 2383-2388.	14.5	258
63	The maize transposable element Ac excises in progeny of transformed tobacco. Plant Molecular Biology, 1989, 13, 109-118.	3.9	22
64	Transcription of the maize transposable element Ac in maize seedlings and in transgenic tobacco. Molecular Genetics and Genomics, 1988, 212, 505-509.	2.4	25
65	Aspects of the ac/ds transposable element system in maize. Journal of Cell Science, 1987, 1987, 123-138.	2.0	0
66	Structure and expression of an alcohol dehydrogenase 1 gene from Pisum sativum (cv. â€œGreenfeastâ€). Journal of Molecular Biology, 1987, 195, 115-123.	4.2	93
67	Molecular analysis of the alcohol dehydrogenase 2 (Adh2) gene of maize. Nucleic Acids Research, 1985, 13, 727-743.	14.5	262