

Donna M Bond

List of Publications by Year in descending order

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16
papers

1,572
citations

759233

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docs citations

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times ranked

2839
citing authors

#	ARTICLE	IF	CITATIONS
1	A MicroRNA Superfamily Regulates Nucleotide Binding Site- <i>Leucine-Rich Repeats</i> and Other mRNAs. <i>Plant Cell</i> , 2012, 24, 859-874.	6.6	697
2	Bio-On-Magnetic-Beads (BOMB): Open platform for high-throughput nucleic acid extraction and manipulation. <i>PLoS Biology</i> , 2019, 17, e3000107.	5.6	168
3	Epigenetic transitions leading to heritable, RNA-mediated de novo silencing in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 917-922.	7.1	125
4	The tuatara genome reveals ancient features of amniote evolution. <i>Nature</i> , 2020, 584, 403-409.	27.8	105
5	Small RNAs and heritable epigenetic variation in plants. <i>Trends in Cell Biology</i> , 2014, 24, 100-107.	7.9	98
6	Passing the message on: inheritance of epigenetic traits. <i>Trends in Plant Science</i> , 2007, 12, 211-216.	8.8	77
7	Histone Acetylation, <i>VERNALIZATION INSENSITIVE 3</i> , <i>FLOWERING LOCUS C</i> , and the Vernalization Response. <i>Molecular Plant</i> , 2009, 2, 724-737.	8.3	64
8	<i>VERNALIZATION INSENSITIVE 3</i> (<i>VIN3</i>) is required for the response of <i>Arabidopsis thaliana</i> seedlings exposed to low oxygen conditions. <i>Plant Journal</i> , 2009, 59, 576-587.	5.7	59
9	Castration delays epigenetic aging and feminizes DNA methylation at androgen-regulated loci. <i>ELife</i> , 2021, 10, .	6.0	45
10	The low temperature response pathways for cold acclimation and vernalization are independent. <i>Plant, Cell and Environment</i> , 2011, 34, 1737-1748.	5.7	43
11	Polycomb proteins regulate the quantitative induction of <i>VERNALIZATION INSENSITIVE 3</i> in response to low temperatures. <i>Plant Journal</i> , 2011, 65, 382-391.	5.7	38
12	Infiltration-RNAseq: transcriptome profiling of Agrobacterium-mediated infiltration of transcription factors to discover gene function and expression networks in plants. <i>Plant Methods</i> , 2016, 12, 41.	4.3	26
13	Hypoxia. <i>Plant Signaling and Behavior</i> , 2009, 4, 773-776.	2.4	9
14	Simple Synthesis of Functionalized Paramagnetic Beads for Nucleic Acid Purification and Manipulation. <i>Bio-protocol</i> , 2019, 9, e3394.	0.4	8
15	Estimating Global Methylation and Erasure Using Low-Coverage Whole-Genome Bisulfite Sequencing (WGBS). <i>Methods in Molecular Biology</i> , 2021, 2272, 29-44.	0.9	6
16	A Point Mutation in Phytochromobilin synthase Alters the Circadian Clock and Photoperiodic Flowering of <i>Medicago truncatula</i> . <i>Plants</i> , 2022, 11, 239.	3.5	3