

# Jeremy E Coate

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3171004/publications.pdf>

Version: 2024-02-01

23  
papers

1,318  
citations

471371

17  
h-index

677027

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifteen compelling open questions in plant cell biology. <i>Plant Cell</i> , 2022, 34, 72-102.	3.1	27
2	Polyploidy and microbiome associations mediate similar responses to pathogens in <i>Arabidopsis</i> . <i>Current Biology</i> , 2022, 32, 2719-2729.e5.	1.8	12
3	Jeff J. Doyle—Recipient of the 2020 Asa Gray Award. <i>Systematic Botany</i> , 2021, 46, 1-3.	0.2	0
4	Expression Partitioning of Duplicate Genes at Single Cell Resolution in <i>Arabidopsis</i> Roots. <i>Frontiers in Genetics</i> , 2020, 11, 596150.	1.1	23
5	Autopolyploidy: an epigenetic macromutation. <i>American Journal of Botany</i> , 2020, 107, 1097-1100.	0.8	15
6	Editorial: Artificial Polyploidy in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 621849.	1.7	9
7	Robust Cytonuclear Coordination of Transcription in Nascent <i>Arabidopsis thaliana</i> Autopolyploids. <i>Genes</i> , 2020, 11, 134.	1.0	18
8	Gene Balance Predicts Transcriptional Responses Immediately Following Ploidy Change in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2020, 32, 1434-1448.	3.1	60
9	Polyploidy, the Nucleotype, and Novelty: The Impact of Genome Doubling on the Biology of the Cell. <i>International Journal of Plant Sciences</i> , 2019, 180, 1-52.	0.6	222
10	Ploidy and Size at Multiple Scales in the <i>Arabidopsis</i> Sepal. <i>Plant Cell</i> , 2018, 30, 2308-2329.	3.1	137
11	Expression-level support for gene dosage sensitivity in three <i>Glycine</i> subgenus <i>Glycine</i> polyploids and their diploid progenitors. <i>New Phytologist</i> , 2016, 212, 1083-1093.	3.5	39
12	Variation in transcriptome size: are we getting the message?. <i>Chromosoma</i> , 2015, 124, 27-43.	1.0	62
13	Extensive Translational Regulation of Gene Expression in an Allopolyploid ( <i>Glycine</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	3.1	54
14	The wild side of a major crop: Soybean's perennial cousins from Down Under. <i>American Journal of Botany</i> , 2014, 101, 1651-1665.	0.8	42
15	The legacy of diploid progenitors in allopolyploid gene expression patterns. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130354.	1.8	111
16	Mining transcriptomic data to study the origins and evolution of a plant allopolyploid complex. <i>PeerJ</i> , 2014, 2, e391.	0.9	25
17	Lessons from Natural and Artificial Polyploids in Higher Plants. <i>Cytogenetic and Genome Research</i> , 2013, 140, 204-225.	0.6	72
18	Transgressive physiological and transcriptomic responses to light stress in allopolyploid <i>Glycine dolichocarpa</i> (Leguminosae). <i>Heredity</i> , 2013, 110, 160-170.	1.2	48

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19	Anatomical, biochemical, and photosynthetic responses to recent allopolyploidy in <i>Glycine dolichocarpa</i> (Fabaceae). <i>American Journal of Botany</i> , 2012, 99, 55-67.	0.8	64
20	A comparative transcriptomic study of an allotetraploid and its diploid progenitors illustrates the unique advantages and challenges of RNA-seq in plant species. <i>American Journal of Botany</i> , 2012, 99, 383-396.	0.8	80
21	Divergent evolutionary fates of major photosynthetic gene networks following gene and whole genome duplications. <i>Plant Signaling and Behavior</i> , 2011, 6, 594-597.	1.2	17
22	Comparative Evolution of Photosynthetic Genes in Response to Polyploid and Nonpolyploid Duplication. <i>Plant Physiology</i> , 2011, 155, 2081-2095.	2.3	54
23	Quantifying Whole Transcriptome Size, a Prerequisite for Understanding Transcriptome Evolution Across Species: An Example from a Plant Allopolyploid. <i>Genome Biology and Evolution</i> , 2010, 2, 534-546.	1.1	110