

# Matthew A Jones

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

5,453  
citations

361413

20  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

9107  
citing authors

#	ARTICLE	IF	CITATIONS
1	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
2	REVEILLE1, a Myb-like transcription factor, integrates the circadian clock and auxin pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16883-16888.	7.1	226
3	REVEILLE8 and PSEUDO-REPONSE REGULATOR5 Form a Negative Feedback Loop within the Arabidopsis Circadian Clock. <i>PLoS Genetics</i> , 2011, 7, e1001350.	3.5	215
4	Jumonji domain protein JMJD5 functions in both the plant and human circadian systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21623-21628.	7.1	158
5	DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage. <i>Nature</i> , 2006, 440, 1045-1049.	27.8	130
6	Domain Swapping to Assess the Mechanistic Basis of <i>Arabidopsis</i> Phototropin 1 Receptor Kinase Activation and Endocytosis by Blue Light. <i>Plant Cell</i> , 2009, 21, 3226-3244.	6.6	116
7	Mutation of <i>Arabidopsis</i> SPLICEOSOMAL TIMEKEEPER LOCUS1 Causes Circadian Clock Defects. <i>Plant Cell</i> , 2012, 24, 4066-4082.	6.6	112
8	Unanticipated regulatory roles for <i>Arabidopsis</i> phytochromes revealed by null mutant analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1542-1547.	7.1	107
9	In Vivo Phosphorylation Site Mapping and Functional Characterization of Arabidopsis Phototropin 1. <i>Molecular Plant</i> , 2008, 1, 178-194.	8.3	89
10	The role of attention in motor control. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 930-948.	2.1	88
11	Mutational Analysis of Phototropin 1 Provides Insights into the Mechanism Underlying LOV2 Signal Transmission. <i>Journal of Biological Chemistry</i> , 2007, 282, 6405-6414.	3.4	79
12	Phototropins maintain robust circadian oscillation of <i>PSII</i> operating efficiency under blue light. <i>Plant Journal</i> , 2015, 83, 1034-1045.	5.7	55
13	Using light to improve commercial value. <i>Horticulture Research</i> , 2018, 5, 47.	6.3	50
14	3'-Phosphoadenosine 5'-Phosphate Accumulation Delays the Circadian System. <i>Plant Physiology</i> , 2018, 176, 3120-3135.	4.8	37
15	Entrainment of the Arabidopsis Circadian Clock. <i>Journal of Plant Biology</i> , 2009, 52, 202-209.	2.1	31
16	JMJD5 Functions in concert with TOC1 in the arabidopsis circadian system. <i>Plant Signaling and Behavior</i> , 2011, 6, 445-448.	2.4	30
17	Cryptochromes integrate green light signals into the circadian system. <i>Plant, Cell and Environment</i> , 2020, 43, 16-27.	5.7	27
18	A Constitutively Active Allele of Phytochrome B Maintains Circadian Robustness in the Absence of Light. <i>Plant Physiology</i> , 2015, 169, 814-825.	4.8	26

#	ARTICLE	IF	CITATIONS
19	The structure of integral dimensions: Contrasting topological and Cartesian representations.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 111-132.	0.9	24
20	The effects of relational structure on analogical learning. Cognition, 2014, 132, 280-300.	2.2	23
21	Retrograde signalling as an informant of circadian timing. New Phytologist, 2019, 221, 1749-1753.	7.3	22
22	Shades of green: untying the knots of green photoperception. Journal of Experimental Botany, 2020, 71, 5764-5770.	4.8	21
23	Arabidopsis JMJD5/JMJ30 Acts Independently of LUX ARRHYTHMO Within the Plant Circadian Clock to Enable Temperature Compensation. Frontiers in Plant Science, 2019, 10, 57.	3.6	19
24	Plant Defence Mechanisms Are Modulated by the Circadian System. Biology, 2020, 9, 454.	2.8	11
25	Phototropin Receptor Kinase Activation by Blue Light. Plant Signaling and Behavior, 2008, 3, 44-46.	2.4	9
26	The persistent impact of incidental experience. Psychonomic Bulletin and Review, 2013, 20, 1221-1231.	2.8	8
27	Phototropins do not alter accumulation of evening-phased circadian transcripts under blue light. Plant Signaling and Behavior, 2016, 11, e1126029.	2.4	8
28	Realising the Environmental Potential of Vertical Farming Systems through Advances in Plant Photobiology. Biology, 2022, 11, 922.	2.8	6
29	Interactions Between Circadian Rhythms, ROS and Redox. Signaling and Communication in Plants, 2019, , 67-84.	0.7	5
30	Natural Variation of Circadian Rhythms in <i>Kalanchoe</i> Species. Haseltonia, 2016, 22, 35-42.	0.5	3
31	Diverse Physiological and Physical Responses among Wild, Landrace and Elite Barley Varieties Point to Novel Breeding Opportunities. Agronomy, 2021, 11, 921.	3.0	3
32	Interplay of Circadian Rhythms and Light in the Regulation of Photosynthesis-Derived Metabolism. Progress in Botany Fortschritte Der Botanik, 2017, , 147-171.	0.3	2
33	SAL1-PAP retrograde signalling extends circadian period by reproducing the loss of exoribonuclease (XRN) activity. Plant Signaling and Behavior, 2018, 13, e1500066.	2.4	1
34	Holographic generation of micro-trap arrays for single atoms. , 2004, , .		0