

Matthew A Jones

List of Publications by Year in descending order

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34
papers

5,453
citations

361413
20
h-index

377865
34
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37
all docs

37
docs citations

37
times ranked

9107
citing authors

#	ARTICLE	IF	CITATIONS
1	Realising the Environmental Potential of Vertical Farming Systems through Advances in Plant Photobiology. <i>Biology</i> , 2022, 11, 922.	2.8	6
2	Diverse Physiological and Physical Responses among Wild, Landrace and Elite Barley Varieties Point to Novel Breeding Opportunities. <i>Agronomy</i> , 2021, 11, 921.	3.0	3
3	Cryptochromes integrate green light signals into the circadian system. <i>Plant, Cell and Environment</i> , 2020, 43, 16-27.	5.7	27
4	Plant Defence Mechanisms Are Modulated by the Circadian System. <i>Biology</i> , 2020, 9, 454.	2.8	11
5	Shades of green: untying the knots of green photoperception. <i>Journal of Experimental Botany</i> , 2020, 71, 5764-5770.	4.8	21
6	Interactions Between Circadian Rhythms, ROS and Redox. <i>Signaling and Communication in Plants</i> , 2019, , 67-84.	0.7	5
7	Arabidopsis JMJD5/JMJ30 Acts Independently of LUX ARRHYTHMO Within the Plant Circadian Clock to Enable Temperature Compensation. <i>Frontiers in Plant Science</i> , 2019, 10, 57.	3.6	19
8	Retrograde signalling as an informant of circadian timing. <i>New Phytologist</i> , 2019, 221, 1749-1753.	7.3	22
9	3â€²-Phosphoadenosine 5â€²-Phosphate Accumulation Delays the Circadian System. <i>Plant Physiology</i> , 2018, 176, 3120-3135.	4.8	37
10	Using light to improve commercial value. <i>Horticulture Research</i> , 2018, 5, 47.	6.3	50
11	SAL1-PAP retrograde signalling extends circadian period by reproducing the loss of exoribonuclease (XRN) activity. <i>Plant Signaling and Behavior</i> , 2018, 13, e1500066.	2.4	1
12	Interplay of Circadian Rhythms and Light in the Regulation of Photosynthesis-Derived Metabolism. <i>Progress in Botany Fortschritte Der Botanik</i> , 2017, , 147-171.	0.3	2
13	Natural Variation of Circadian Rhythms in <i>Kalanchoe</i> Species. <i>Haseltonia</i> , 2016, 22, 35-42.	0.5	3
14	Phototropins do not alter accumulation of evening-phased circadian transcripts under blue light. <i>Plant Signaling and Behavior</i> , 2016, 11, e1126029.	2.4	8
15	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
16	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
17	The effects of relational structure on analogical learning. <i>Cognition</i> , 2014, 132, 280-300.	2.2	23
18	The role of attention in motor control.. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 930-948.	2.1	88

#	ARTICLE	IF	CITATIONS
19	The persistent impact of incidental experience. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1221-1231.	2.8	8
20	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
21	The structure of integral dimensions: Contrasting topological and Cartesian representations.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 111-132.	0.9	24
22	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
23	Mutation of <i>Arabidopsis</i> SPLICEOSOMAL TIMEKEEPER LOCUS1 Causes Circadian Clock Defects. <i>Plant Cell</i> , 2012, 24, 4066-4082.	6.6	112
24	REVEILLE8 and PSEUDO-RESPONSE REGULATOR5 Form a Negative Feedback Loop within the <i>Arabidopsis</i> Circadian Clock. <i>PLoS Genetics</i> , 2011, 7, e1001350.	3.5	215
25	JMJD5 Functions in concert with TOC1 in the <i>Arabidopsis</i> circadian system. <i>Plant Signaling and Behavior</i> , 2011, 6, 445-448.	2.4	30
26	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
27	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
28	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
29	Entrainment of the <i>Arabidopsis</i> Circadian Clock. <i>Journal of Plant Biology</i> , 2009, 52, 202-209.	2.1	31
30	In Vivo Phosphorylation Site Mapping and Functional Characterization of <i>Arabidopsis</i> Phototropin 1. <i>Molecular Plant</i> , 2008, 1, 178-194.	8.3	89
31	Phototropin Receptor Kinase Activation by Blue Light. <i>Plant Signaling and Behavior</i> , 2008, 3, 44-46.	2.4	9
32	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
33	DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage. <i>Nature</i> , 2006, 440, 1045-1049.	27.8	130
34	Holographic generation of micro-trap arrays for single atoms. , 2004, , .		0