

# Jason W Reed

## List of Publications by Year in descending order

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37  
papers

6,406  
citations

201674

27  
h-index

330143

37  
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39  
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39  
docs citations

39  
times ranked

6348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis microRNA167 controls patterns of ARF6 and ARF8 expression, and regulates both female and male reproduction. <i>Development (Cambridge)</i> , 2006, 133, 4211-4218.	2.5	642
2	Auxin response factors ARF6 and ARF8 promote jasmonic acid production and flower maturation. <i>Development (Cambridge)</i> , 2005, 132, 4107-4118.	2.5	608
3	AUXIN RESPONSE FACTOR1 and AUXIN RESPONSE FACTOR2 regulate senescence and floral organ abscission in <i>Arabidopsis thaliana</i> . <i>Development (Cambridge)</i> , 2005, 132, 4563-4574.	2.5	531
4	AXR2 Encodes a Member of the Aux/IAA Protein Family. <i>Plant Physiology</i> , 2000, 123, 563-574.	4.8	432
5	NPH4/ARF7 and ARF19 promote leaf expansion and auxin-induced lateral root formation. <i>Plant Journal</i> , 2005, 43, 118-130.	5.7	415
6	Roles and activities of Aux/IAA proteins in <i>Arabidopsis</i> . <i>Trends in Plant Science</i> , 2001, 6, 420-425.	8.8	401
7	Developmental specificity of auxin response by pairs of ARF and Aux/IAA transcriptional regulators. <i>EMBO Journal</i> , 2005, 24, 1874-1885.	7.8	349
8	Contrasting Modes of Diversification in the Aux/IAA and ARF Gene Families. <i>Plant Physiology</i> , 2004, 135, 1738-1752.	4.8	268
9	<i>Arabidopsis</i> SHY2/IAA3 Inhibits Auxin-Regulated Gene Expression. <i>Plant Cell</i> , 2002, 14, 301-319.	6.6	262
10	<i>Rhizobium meliloti</i> mutants that fail to succinylate their Calcofluor-binding exopolysaccharide are defective in nodule invasion. <i>Cell</i> , 1987, 51, 579-587.	28.9	243
11	ABCG Transporters Are Required for Suberin and Pollen Wall Extracellular Barriers in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 3569-3588.	6.6	241
12	Down-regulation of AUXIN RESPONSE FACTORS 6 and 8 by microRNA 167 leads to floral development defects and female sterility in tomato. <i>Journal of Experimental Botany</i> , 2014, 65, 2507-2520.	4.8	223
13	<i>Arabidopsis</i> SMALL AUXIN UP RNA63 promotes hypocotyl and stamen filament elongation. <i>Plant Journal</i> , 2012, 71, 684-697.	5.7	219
14	High levels of auxin signalling define the stem-cell organizer of the vascular cambium. <i>Nature</i> , 2019, 565, 485-489.	27.8	213
15	A Regulatory Network for Coordinated Flower Maturation. <i>PLoS Genetics</i> , 2012, 8, e1002506.	3.5	204
16	A Mutation in the <i>Arabidopsis</i> KT2/KUP2 Potassium Transporter Gene Affects Shoot Cell Expansion. <i>Plant Cell</i> , 2002, 14, 119-131.	6.6	202
17	Mutations in the Gene for the Red/Far-Red Light Receptor Phytochrome B Alter Cell Elongation and Physiological Responses throughout <i>Arabidopsis</i> Development. <i>Plant Cell</i> , 1993, 5, 147.	6.6	192
18	Independent Action of ELF3 and phyB to Control Hypocotyl Elongation and Flowering Time. <i>Plant Physiology</i> , 2000, 122, 1149-1160.	4.8	110

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19	Suppressors of an <i>Arabidopsis thaliana</i> phyB Mutation Identify Genes That Control Light Signaling and Hypocotyl Elongation. <i>Genetics</i> , 1998, 148, 1295-1310.	2.9	109
20	Regulation of <i>Arabidopsis</i> SHY2/IAA3 protein turnover. <i>Plant Journal</i> , 2003, 36, 643-651.	5.7	100
21	Three Auxin Response Factors Promote Hypocotyl Elongation. <i>Plant Physiology</i> , 2018, 178, 864-875.	4.8	79
22	A gain-of-function mutation in <i>IAA18</i> alters <i>Arabidopsis</i> embryonic apical patterning. <i>Development (Cambridge)</i> , 2009, 136, 1509-1517.	2.5	74
23	Molecular Links Between Light and Auxin Signaling Pathways. <i>Journal of Plant Growth Regulation</i> , 2001, 20, 274-280.	5.1	40
24	SAUR proteins and PP2C.D phosphatases regulate H <sup>+</sup> -ATPases and K <sup>+</sup> channels to control stomatal movements. <i>Plant Physiology</i> , 2021, 185, 256-273.	4.8	35
25	Effect of the direction of DNA replication on mutagenesis by N-methyl-N <sup>ε</sup> -nitro-N-nitrosoguanidine in adapted cells of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1987, 208, 446-449.	2.4	29
26	Mutational analyses of light-controlled seedling development in <i>Arabidopsis</i> . <i>Seminars in Cell Biology</i> , 1994, 5, 327-334.	3.4	29
27	Phytochromes are Pr-apatetic kinases. <i>Current Opinion in Plant Biology</i> , 1999, 2, 393-397.	7.1	27
28	miR167 limits anther growth to potentiate anther dehiscence. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	25
29	Genetic dissection of the auxin response network. <i>Nature Plants</i> , 2020, 6, 1082-1090.	9.3	23
30	Genetic analyses of <i>Rhizobium meliloti</i> exopolysaccharides. <i>International Journal of Biological Macromolecules</i> , 1990, 12, 67-70.	7.5	21
31	SEARCHING FOR PHYTOCHROME MUTANTS. <i>Photochemistry and Photobiology</i> , 1992, 56, 833-838.	2.5	18
32	<i>Rhizobium meliloti</i> exopolysaccharides: genetic analyses and symbiotic importance. <i>Biochemical Society Transactions</i> , 1991, 19, 636-644.	3.4	17
33	In the absence of BYPASS1-related gene function, the <i>bps</i> signal disrupts embryogenesis by an auxin-independent mechanism. <i>Development (Cambridge)</i> , 2012, 139, 805-815.	2.5	10
34	Phytochrome autophosphorylation “no longer a red/far-red herring?”. <i>Trends in Plant Science</i> , 1998, 3, 43-44.	8.8	8
35	Cell signaling and gene regulation. <i>Current Opinion in Plant Biology</i> , 2008, 11, 471-473.	7.1	3
36	Developmental Defects Mediated by the P1/HC-Pro Potyviral Silencing Suppressor Are Not Due to Misregulation of <i>AUXIN RESPONSE FACTOR 8</i> . <i>Plant Physiology</i> , 2016, 172, 1853-1861.	4.8	3

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37	Symbiotic Mutants of Rhizobium Meliloti Which Produce Non-Succinylated Exopolysaccharide. Current Plant Science and Biotechnology in Agriculture, 1987, , 165-166.	0.0	1