Jason W Reed

List of Publications by Year
in descending order

37 papers	6,406 citations	201575 27 h-index	330025 37 g-index
39 all docs	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. Development (Cambridge), 2006, 133, 4211-4218.	1.2	642
2	Auxin response factors ARF6 and ARF8 promote jasmonic acid production and flower maturation. Development (Cambridge), 2005, 132, 4107-4118.	1.2	608
3	AUXIN RESPONSE FACTOR1 and AUXIN RESPONSE FACTOR2regulate senescence and floral organ abscission in Arabidopsis thaliana. Development (Cambridge), 2005, 132, 4563-4574.	1.2	531
4	AXR2 Encodes a Member of the Aux/IAA Protein Family. Plant Physiology, 2000, 123, 563-574.	2.3	432
5	NPH4/ARF7 and ARF19 promote leaf expansion and auxin-induced lateral root formation. Plant Journal, 2005, 43, 118-130.	2.8	415
6	Roles and activities of Aux/IAA proteins in Arabidopsis. Trends in Plant Science, 2001, 6, 420-425.	4.3	401
7	Developmental specificity of auxin response by pairs of ARF and Aux/IAA transcriptional regulators. EMBO Journal, 2005, 24, 1874-1885.	3.5	349
8	Contrasting Modes of Diversification in the Aux/IAA and ARF Gene Families. Plant Physiology, 2004, 135, 1738-1752.	2.3	268
9	Arabidopsis SHY2/IAA3 Inhibits Auxin-Regulated Gene Expression. Plant Cell, 2002, 14, 301-319.	3.1	262
10	Rhizobium meliloti mutants that fail to succinylate their Calcofluor-binding exopolysaccharide are defective in nodule invasion. Cell, 1987, 51, 579-587.	13.5	243
11	ABCG Transporters Are Required for Suberin and Pollen Wall Extracellular Barriers in<i>Arabidopsis</i>Â Â. Plant Cell, 2014, 26, 3569-3588.	3.1	241
12	Down-regulation of AUXIN RESPONSE FACTORS 6 and 8 by microRNA 167 leads to floral development defects and female sterility in tomato. Journal of Experimental Botany, 2014, 65, 2507-2520.	2.4	223
13	<i>Arabidopsis SMALL AUXIN UP RNA63</i> promotes hypocotyl and stamen filament elongation. Plant Journal, 2012, 71, 684-697.	2.8	219
14	High levels of auxin signalling define the stem-cell organizer of the vascular cambium. Nature, 2019, 565, 485-489.	13.7	213
15	A Regulatory Network for Coordinated Flower Maturation. PLoS Genetics, 2012, 8, e1002506.	1.5	204
16	A Mutation in the Arabidopsis KT2/KUP2 Potassium Transporter Gene Affects Shoot Cell Expansion. Plant Cell, 2002, 14, 119-131.	3.1	202
17	Mutations in the Gene for the Red/Far-Red Light Receptor Phytochrome B Alter Cell Elongation and Physiological Responses throughout Arabidopsis Development. Plant Cell, 1993, 5, 147.	3.1	192
18	Independent Action of ELF3 and phyB to Control Hypocotyl Elongation and Flowering Time. Plant Physiology, 2000, 122, 1149-1160.	2.3	110

#	Article	IF	Citations
19	Suppressors of an Arabidopsis thaliana phyB Mutation Identify Genes That Control Light Signaling and Hypocotyl Elongation. Genetics, 1998, 148, 1295-1310.	1.2	109
20	Regulation of Arabidopsis SHY2/IAA3 protein turnover. Plant Journal, 2003, 36, 643-651.	2.8	100
21	Three Auxin Response Factors Promote Hypocotyl Elongation. Plant Physiology, 2018, 178, 864-875.	2.3	79
22	A gain-of-function mutation in<i>IAA18</i>alters<i>Arabidopsis</i>embryonic apical patterning. Development (Cambridge), 2009, 136, 1509-1517.	1.2	74
23	Molecular Links Between Light and Auxin Signaling Pathways. Journal of Plant Growth Regulation, 2001, 20, 274-280.	2.8	40
24	SAUR proteins and PP2C.D phosphatases regulate H+-ATPases and K+ channels to control stomatal movements. Plant Physiology, 2021, 185, 256-273.	2.3	35
25	Effect of the direction of DNA replication on mutagenesis by N-methyl-Nâ€²-nitro-N-nitrosoguanidine in adapted cells of Escherichia coli. Molecular Genetics and Genomics, 1987, 208, 446-449.	2.4	29
26	Mutational analyses of light-controlled seedling development in Arabidopsis. Seminars in Cell Biology, 1994, 5, 327-334.	3.5	29
27	Phytochromes are Pr-ipatetic kinases. Current Opinion in Plant Biology, 1999, 2, 393-397.	3.5	27
28	miR167 limits anther growth to potentiate anther dehiscence. Development (Cambridge), 2019, 146, .	1.2	25
29	Genetic dissection of the auxin response network. Nature Plants, 2020, 6, 1082-1090.	4.7	23
30	Genetic analyses of Rhizobium meliloti exopolysaccharides. International Journal of Biological Macromolecules, 1990, 12, 67-70.	3.6	21
31	SEARCHING FOR PHYTOCHROME MUTANTS. Photochemistry and Photobiology, 1992, 56, 833-838.	1.3	18
32	<i>Rhizobium meliloti</i> exopolysaccharides: genetic analyses and symbiotic importance. Biochemical Society Transactions, 1991, 19, 636-644.	1.6	17
33	In the absence of BYPASS1-related gene function, the <i>bps</i> signal disrupts embryogenesis by an auxin-independent mechanism. Development (Cambridge), 2012, 139, 805-815.	1.2	10
34	Phytochrome autophosphorylation â€“ no longer a red/far-red herring?. Trends in Plant Science, 1998, 3, 43-44.	4.3	8
35	Cell signaling and gene regulation. Current Opinion in Plant Biology, 2008, 11, 471-473.	3.5	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>. Plant Physiology, 2016, 172, 1853-1861.	2.3	3

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