

Tom J Guilfoyle

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

5,512
citations

430874

18
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

4935
citing authors

#	ARTICLE	IF	CITATIONS
1	Auxin response factors. <i>Current Opinion in Plant Biology</i> , 2007, 10, 453-460.	7.1	1,003
2	ARF1, a Transcription Factor That Binds to Auxin Response Elements. <i>Science</i> , 1997, 276, 1865-1868.	12.6	875
3	Dimerization and DNA binding of auxin response factors. <i>Plant Journal</i> , 1999, 19, 309-319.	5.7	523
4	Aux/IAA Proteins Contain a Potent Transcriptional Repression Domain. <i>Plant Cell</i> , 2004, 16, 533-543.	6.6	485
5	AUX/IAA Proteins Are Active Repressors, and Their Stability and Activity Are Modulated by Auxin. <i>Plant Cell</i> , 2001, 13, 2809-2822.	6.6	464
6	The <i>Arabidopsis</i> Transcription Factor MYB77 Modulates Auxin Signal Transduction. <i>Plant Cell</i> , 2007, 19, 2440-2453.	6.6	337
7	Overlapping and non-redundant functions of the <i>Arabidopsis</i> auxin response factors MONOPTEROS and NONPHOTOTROPIC HYPOCOTYL 4. <i>Development (Cambridge)</i> , 2004, 131, 1089-1100.	2.5	302
8	Auxin-related gene families in abiotic stress response in <i>Sorghum bicolor</i> . <i>Functional and Integrative Genomics</i> , 2010, 10, 533-546.	3.5	240
9	Identification of <i>Arabidopsis</i> Histone Deacetylase HDA6 Mutants That Affect Transgene Expression. <i>Plant Cell</i> , 2001, 13, 1047-1061.	6.6	204
10	AUXIN RESPONSE FACTOR7 Restores the Expression of Auxin-Responsive Genes in Mutant <i>Arabidopsis</i> Leaf Mesophyll Protoplasts. <i>Plant Cell</i> , 2005, 17, 1979-1993.	6.6	182
11	Auxin-induced expression of the soybean GH3 promoter in transgenic tobacco plants. <i>Plant Molecular Biology</i> , 1991, 17, 567-579.	3.9	168
12	The PB1 Domain in Auxin Response Factor and Aux/IAA Proteins: A Versatile Protein Interaction Module in the Auxin Response. <i>Plant Cell</i> , 2015, 27, 33-43.	6.6	160
13	Auxin Response Factors. <i>Journal of Plant Growth Regulation</i> , 2001, 20, 281-291.	5.1	150
14	Getting a grasp on domain III/IV responsible for Auxin Response Factor-IAA protein interactions. <i>Plant Science</i> , 2012, 190, 82-88.	3.6	130
15	Functional analysis of the structural domain of ARF proteins in rice (<i>Oryza sativa</i> L.). <i>Journal of Experimental Botany</i> , 2010, 61, 3971-3981.	4.8	125
16	Constitutive Repression and Activation of Auxin Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2009, 149, 1277-1288.	4.8	46
17	Identical Amino Acid Substitutions in the Repression Domain of Auxin/Indole-3-Acetic Acid Proteins Have Contrasting Effects on Auxin Signaling. <i>Plant Physiology</i> , 2011, 155, 1252-1263.	4.8	36
18	The soybean SAUR open reading frame contains a cis element responsible for cycloheximide-induced mRNA accumulation. <i>Plant Molecular Biology</i> , 1994, 24, 715-723.	3.9	30

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19	Identification of Arabidopsis Histone Deacetylase HDA6 Mutants That Affect Transgene Expression. <i>Plant Cell</i> , 2001, 13, 1047.	6.6	18
20	ARF-Aux/IAA interactions through domain III/IV are not strictly required for auxin-responsive gene expression. <i>Plant Signaling and Behavior</i> , 2013, 8, e24526.	2.4	15
21	Expression of auxin-responsive genes in soybean and transgenic tobacco. <i>Biochemical Society Transactions</i> , 1992, 20, 97-101.	3.4	11
22	AUX/IAA Proteins Are Active Repressors, and Their Stability and Activity Are Modulated by Auxin. <i>Plant Cell</i> , 2001, 13, 2809.	6.6	4
23	Do some IAA proteins have two repression domains?. <i>Plant Signaling and Behavior</i> , 2011, 6, 858-860.	2.4	4