

Susan I Gibson

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,965
citations

304743

22
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of plant development and gene expression by sugar signaling. <i>Current Opinion in Plant Biology</i> , 2005, 8, 93-102.	7.1	584
2	The Arabidopsis sugar-insensitive mutants <i>sis4</i> and <i>sis5</i> are defective in abscisic acid synthesis and response. <i>Plant Journal</i> , 2000, 23, 587-596.	5.7	374
3	ABA and sugar interactions regulating development: cross-talk or voices in a crowd?. <i>Current Opinion in Plant Biology</i> , 2002, 5, 26-32.	7.1	291
4	Sugar and phytohormone response pathways: navigating a signalling network. <i>Journal of Experimental Botany</i> , 2003, 55, 253-264.	4.8	262
5	Plant Sugar-Response Pathways. Part of a Complex Regulatory Web. <i>Plant Physiology</i> , 2000, 124, 1532-1539.	4.8	240
6	Fumaric acid: an overlooked form of fixed carbon in Arabidopsis and other plant species. <i>Planta</i> , 2000, 211, 743-751.	3.2	186
7	The sugar-insensitive1 (<i>sis1</i>) Mutant of Arabidopsis Is Allelic to <i>ctr1</i> . <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 196-203.	2.1	127
8	Metabolic engineering of the indole pathway in <i>Catharanthus roseus</i> hairy roots and increased accumulation of tryptamine and serpentine. <i>Metabolic Engineering</i> , 2004, 6, 268-276.	7.0	114
9	The ORCA2 transcription factor plays a key role in regulation of the terpenoid indole alkaloid pathway. <i>BMC Plant Biology</i> , 2013, 13, 155.	3.6	97
10	Expression of a feedback-resistant anthranilate synthase in <i>Catharanthus roseus</i> hairy roots provides evidence for tight regulation of terpenoid indole alkaloid levels. <i>Biotechnology and Bioengineering</i> , 2004, 86, 718-727.	3.3	83
11	Expression of the Arabidopsis feedback-insensitive anthranilate synthase holoenzyme and tryptophan decarboxylase genes in <i>Catharanthus roseus</i> hairy roots. <i>Journal of Biotechnology</i> , 2006, 122, 28-38.	3.8	77
12	The <i>ram1</i> Mutant of Arabidopsis Exhibits Severely Decreased β -Amylase Activity. <i>Plant Physiology</i> , 2001, 127, 1798-1807.	4.8	67
13	Mobilization of seed storage lipid by Arabidopsis seedlings is retarded in the presence of exogenous sugars. <i>BMC Plant Biology</i> , 2002, 2, 4.	3.6	56
14	Effects of terpenoid precursor feeding on <i>Catharanthus roseus</i> hairy roots over-expressing the alpha or the alpha and beta subunits of anthranilate synthase. <i>Biotechnology and Bioengineering</i> , 2006, 93, 534-540.	3.3	53
15	Characterization of an Inducible Promoter System in <i>Catharanthus roseus</i> Hairy Roots. <i>Biotechnology Progress</i> , 2002, 18, 1183-1186.	2.6	52
16	Terpenoid indole alkaloid production by <i>Catharanthus roseus</i> hairy roots induced by <i>Agrobacterium tumefaciens</i> harboring rol ABC genes. <i>Biotechnology and Bioengineering</i> , 2006, 93, 386-390.	3.3	48
17	SUGAR-INSENSITIVE3, a RING E3 Ligase, Is a New Player in Plant Sugar Response. <i>Plant Physiology</i> , 2010, 152, 1889-1900.	4.8	45
18	Transient Effects of Overexpressing Anthranilate Synthase α and β Subunits in <i>Catharanthus roseus</i> Hairy Roots. <i>Biotechnology Progress</i> , 2005, 21, 1572-1576.	2.6	35

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19	CrBPF1 overexpression alters transcript levels of terpenoid indole alkaloid biosynthetic and regulatory genes. <i>Frontiers in Plant Science</i> , 2015, 6, 818.	3.6	34
20	<scp>SIS</scp>8, a putative mitogen-activated protein kinase kinase kinase, regulates sugar-resistant seedling development in Arabidopsis. <i>Plant Journal</i> , 2014, 77, 577-588.	5.7	30
21	Identification, cloning and characterization of sis7 and sis10 sugar-insensitive mutants of Arabidopsis. <i>BMC Plant Biology</i> , 2008, 8, 104.	3.6	25
22	Mutations in HISTONE ACETYLTRANSFERASE1 affect sugar response and gene expression in Arabidopsis. <i>Frontiers in Plant Science</i> , 2013, 4, 245.	3.6	24
23	Chloroplast biogenesis by Arabidopsis seedlings is impaired in the presence of exogenous glucose. <i>Physiologia Plantarum</i> , 2003, 118, 456-463.	5.2	22
24	The ram1 Mutant of Arabidopsis Exhibits Severely Decreased beta -Amylase Activity. <i>Plant Physiology</i> , 2001, 127, 1798-1807.	4.8	13
25	Characterization of an Ethanol-Inducible Promoter System in <i>Catharanthus roseus</i> Hairy Roots. <i>Biotechnology Progress</i> , 2007, 23, 0-0.	2.6	11
26	Promoting an active form of learning out-of-class via answering online "study questions" leads to higher than expected exam scores in General Biology. <i>PeerJ</i> , 2015, 3, e1322.	2.0	7
27	Repression of <i>ZCT1</i>, <i>ZCT2</i> and <i>ZCT3</i> affects expression of terpenoid indole alkaloid biosynthetic and regulatory genes. <i>PeerJ</i> , 2021, 9, e11624.	2.0	4
28	Identification of differentially expressed genes between developing seeds of different soybean cultivars. <i>Genomics Data</i> , 2015, 6, 92-98.	1.3	3