

Stephen M Swain

List of Publications by Year in descending order

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41
papers

3,688
citations

172207

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docs citations

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4312
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleotide mismatches prevent intrinsic self-silencing of hpRNA transgenes to enhance RNAi stability in plants. <i>Nature Communications</i> , 2022, 13, .	5.8	2
2	Innovation can accelerate the transition towards a sustainable food system. <i>Nature Food</i> , 2020, 1, 266-272.	6.2	285
3	Manipulating Gibberellin Control Over Growth and Fertility as a Possible Target for Managing Wild Radish Weed Populations in Cropping Systems. <i>Frontiers in Plant Science</i> , 2020, 11, 190.	1.7	6
4	<i>TEOSINTE BRANCHED1</i> Regulates Inflorescence Architecture and Development in Bread Wheat (<i>Triticum aestivum</i>). <i>Plant Cell</i> , 2018, 30, 563-581.	3.1	215
5	Zebularine treatment is associated with deletion of <i>FT</i> leading to an increase in spikelet number in bread wheat. <i>Plant, Cell and Environment</i> , 2018, 41, 1346-1360.	2.8	36
6	New alleles of the wheat domestication gene <i>Q</i> reveal multiple roles in growth and reproductive development. <i>Development (Cambridge)</i> , 2017, 144, 1959-1965.	1.2	74
7	<i>Ppd-1</i> is a key regulator of inflorescence architecture and paired spikelet development in wheat. <i>Nature Plants</i> , 2015, 1, 14016.	4.7	186
8	A genetic strategy generating wheat with very high amylose content. <i>Plant Biotechnology Journal</i> , 2015, 13, 1276-1286.	4.1	88
9	<i>EARLY FLOWERING3</i> Regulates Flowering in Spring Barley by Mediating Gibberellin Production and <i>FLOWERING LOCUS T</i> Expression. <i>Plant Cell</i> , 2014, 26, 1557-1569.	3.1	121
10	Modifications of a conserved regulatory network involving <i>INDEHISCENT</i> controls multiple aspects of reproductive tissue development in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2013, 197, 73-87.	3.5	56
11	Incest versus abstinence: reproductive tradeoffs between mate limitation and progeny fitness in a self-incompatible invasive plant. <i>Ecology and Evolution</i> , 2013, 3, 5066-5075.	0.8	4
12	Inhibition of Tiller Bud Outgrowth in the <i>tin</i> Mutant of Wheat Is Associated with Precocious Internode Development. <i>Plant Physiology</i> , 2012, 160, 308-318.	2.3	145
13	Grain dormancy and light quality effects on germination in the model grass <i>Brachypodium distachyon</i> . <i>New Phytologist</i> , 2012, 193, 376-386.	3.5	100
14	<i>SPATULA</i> and <i>ALCATRAZ</i> are partially redundant, functionally diverging bHLH genes required for <i>Arabidopsis</i> gynoecium and fruit development. <i>Plant Journal</i> , 2011, 68, 816-829.	2.8	92
15	Preventing unwanted breakups. <i>Plant Signaling and Behavior</i> , 2011, 6, 93-97.	1.2	25
16	Overexpression of a gibberellin inactivation gene alters seed development, <i>KNOX</i> gene expression, and plant development in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2010, 138, 74-90.	2.6	29
17	<i>ARABIDOPSIS DEHISCENCE ZONE POLYGALACTURONASE1 (ADPG1)</i> , <i>ADPG2</i> , and <i>QUARTET2</i> Are Polygalacturonases Required for Cell Separation during Reproductive Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 216-233.	3.1	351
18	Functional analysis of <i>HvSPY</i> , a negative regulator of GA response, in barley aleurone cells and <i>Arabidopsis</i> . <i>Planta</i> , 2009, 229, 523-537.	1.6	17

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19	Potential Sites of Bioactive Gibberellin Production during Reproductive Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 320-336.	3.1	209
20	Functional Analysis of SPINDLY in Gibberellin Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2007, 143, 987-1000.	2.3	146
21	Functional characterization of <i>AP3</i> , <i>SOC1</i> and <i>WUS</i> homologues from citrus (<i>Citrus sinensis</i>). <i>Physiologia Plantarum</i> , 2007, 131, 481-495.	2.6	90
22	Preliminary development of a genetic strategy to prevent transgene escape by blocking effective pollen flow from transgenic plants. <i>Functional Plant Biology</i> , 2007, 34, 1055.	1.1	6
23	Localised and non-localised promotion of fruit development by seeds in <i>Arabidopsis</i> . <i>Functional Plant Biology</i> , 2006, 33, 1.	1.1	40
24	Genetics of flower initiation and development in annual and perennial plants. <i>Physiologia Plantarum</i> , 2006, 128, 8-17.	2.6	83
25	Regulation of the early GA biosynthesis pathway in pea. <i>Planta</i> , 2005, 222, 1010-1019.	1.6	31
26	Plants with Increased Expression of ent-Kaurene Oxidase are Resistant to Chemical Inhibitors of this Gibberellin Biosynthesis Enzyme. <i>Plant and Cell Physiology</i> , 2005, 46, 284-291.	1.5	26
27	Tall tales from sly dwarves: novel functions of gibberellins in plant development. <i>Trends in Plant Science</i> , 2005, 10, 123-129.	4.3	157
28	The <i>gar2</i> and <i>rga</i> Alleles Increase the Growth of Gibberellin-Deficient Pollen Tubes in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2004, 134, 694-705.	2.3	32
29	SPYing on GA Signaling and Plant Development. <i>Journal of Plant Growth Regulation</i> , 2003, 22, 163-175.	2.8	20
30	SPINDLY Is a Nuclear-Localized Repressor of Gibberellin Signal Transduction Expressed throughout the Plant. <i>Plant Physiology</i> , 2002, 129, 605-615.	2.3	76
31	Gibberellins Are Required for Seed Development and Pollen Tube Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2002, 14, 3133-3147.	3.1	225
32	The role of SPY and its TPR domain in the regulation of gibberellin action throughout the life cycle of <i>Petunia hybrida</i> plants. <i>Plant Journal</i> , 2001, 28, 181-190.	2.8	54
33	Altered Expression of SPINDLY Affects Gibberellin Response and Plant Development. <i>Plant Physiology</i> , 2001, 126, 1174-1185.	2.3	103
34	Ectopic Expression of the Tetratricopeptide Repeat Domain of SPINDLY Causes Defects in Gibberellin Response. <i>Plant Physiology</i> , 2001, 126, 1250-1258.	2.3	46
35	Expression of gibberellin mutations in fruits of <i>Pisum sativum</i> L.. <i>Planta</i> , 1998, 204, 397-403.	1.6	22
36	Identification of a Negative Regulator of Gibberellin Action, HvSPY, in Barley. <i>Plant Cell</i> , 1998, 10, 995-1007.	3.1	106

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37	The LS locus of pea encodes the gibberellin biosynthesis enzyme ent-kaurene synthase A. <i>Plant Journal</i> , 1997, 11, 443-454.	2.8	104
38	Gibberellins are required for embryo growth and seed development in pea. <i>Plant Journal</i> , 1997, 12, 1329-1338.	2.8	122
39	Genetic regulation of gibberellin deactivation in <i>Pisum</i> . <i>Plant Journal</i> , 1995, 7, 513-523.	2.8	92
40	Internode length in <i>Pisum</i> . <i>Planta</i> , 1992, 188, 462-7.	1.6	49
41	Internode length in <i>Pisum</i> . A new allele at the Lh locus. <i>Physiologia Plantarum</i> , 1992, 86, 124-130.	2.6	17