Alan G Smith

List of Publications by Year
in descending order

14 papers	344 citations	933447 10 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	325 citing authors

#	Article	IF	Citations
1	Cloning and characterization of Tag 1, a tobacco anther ?-1,3-glucanase expressed during tetrad dissolution. Plant Molecular Biology, 1994, 24, 903-914.	3.9	89
2	Identificaton and characterization of stamen- and tapetum-specific genes from tomato. Molecular Genetics and Genomics, 1990, 222, 9-16.	2.4	59
3	Production of male- and female-sterile plants through reproductive tissue ablation. Journal of Plant Physiology, 2009, 166, 871-881.	3.5	31
4	A phosphonate monoester hydrolase from Burkholderia caryophilli PG2982 is useful as a conditional lethal gene in plants. Plant Journal, 1996, 10, 383-392.	5.7	30
5	Molecular characterization of a gene encoding a cysteine-rich protein preferentially expressed in anthers of Lycopersicon esculentum. Plant Molecular Biology, 1993, 23, 477-487.	3.9	27
6	<scp>PELPIII</scp>: the class <scp>III</scp> pistilâ€specific extensinâ€like <scp>N</scp>icotiana tabacum proteins are essential for interspecific incompatibility. Plant Journal, 2013, 74, 805-814.	5.7	25
7	A glycine-rich protein that facilitates exine formation during tomato pollen development. Planta, 2010, 231, 793-808.	3.2	22
8	Characterization of an Anther- and Tapetum-specific Gene Encoding a Glycine-rich Protein from Tomato. Journal of Plant Physiology, 1994, 143, 651-658.	3.5	13
9	A novel pollen tube growth assay utilizing a transmitting tract-ablated Nicotiana tabacum style. Sexual Plant Reproduction, 2012, 25, 27-37.	2.2	11
10	The transmitting tissue of Nicotiana tabacum is not essential to pollen tube growth, and its ablation can reverse prezygotic interspecific barriers. Plant Reproduction, 2013, 26, 339-350.	2.2	11
11	Polymorphism and structure of styleâ€“specific arabinogalactan proteins as determinants of pollen tube growth in Nicotiana. BMC Evolutionary Biology, 2017, 17, 186.	3.2	10
12	Structure and function of class III pistil-specific extensin-like protein in interspecific reproductive barriers. BMC Plant Biology, 2019, 19, 118.	3.6	6
13	History of knotweed (Fallopiaspp.) invasiveness. Weed Science, 2021, 69, 617-623.	1.5	6
14	Nicotiana tabacum pollenâ€“pistil interactions show unexpected spatial and temporal differences in pollen tube growth among genotypes. Plant Reproduction, 2019, 32, 341-352.	2.2	4