

# Alan G Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9560359/publications.pdf>

Version: 2024-02-01

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