Afif Hedhly

List of Publications by Year
in descending order

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17 papers	1,379 citations	687363 13 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	1455 citing authors

#	Article	IF	Citations
1	Adaptive reduction of male gamete number in the selfing plant Arabidopsis thaliana. Nature Communications, 2020, 11, 2885.	12.8	27
2	Acute heat stress during stamen development affects both the germline and sporophytic lineages in Arabidopsis thaliana (L.) Heynh.. Environmental and Experimental Botany, 2020, 173, 103992.	4.2	13
3	Whole-mount Clearing and Staining of Arabidopsis Flower Organs and Siliques. Journal of Visualized Experiments, 2018, , .	0.3	5
4	Temperatures during flower bud development affect pollen germination, selfâ€incompatibility reaction and early fruit development of clementine (Citrus clementina Hort. ex Tan.). Plant Biology, 2018, 20, 191-198.	3.8	25
5	An Introduction to Male Germline Development. Methods in Molecular Biology, 2017, 1669, 3-15.	0.9	2
6	Starch Turnover and Metabolism during Flower and Early Embryo Development. Plant Physiology, 2016, 172, 2388-2402.	4.8	50
7	Paternalâ€specific Sâ€allele transmission in sweet cherry (Prunus avium L.): the potential for sexual selection. Journal of Evolutionary Biology, 2016, 29, 490-501.	1.7	3
8	Pollen tube growth in the self-compatible sweet cherry genotype, â€˜Cristobalinaâ€™, is slowed down after self-pollination. Annals of Applied Biology, 2014, 164, 73-84.	2.5	19
9	Maleâ€“female interaction and temperature variation affect pollen performance in Citrus. Scientia Horticulturae, 2012, 140, 1-7.	3.6	35
10	Sensitivity of flowering plant gametophytes to temperature fluctuations. Environmental and Experimental Botany, 2011, 74, 9-16.	4.2	230
11	Effects of cadmium and copper on pollen germination and fruit set in pea (Pisum sativum L.). Scientia Horticulturae, 2010, 125, 551-555.	3.6	38
12	Global warming and sexual plant reproduction. Trends in Plant Science, 2009, 14, 30-36.	8.8	458
13	Flower emasculation accelerates ovule degeneration and reduces fruit set in sweet cherry. Scientia Horticulturae, 2009, 119, 455-457.	3.6	29
14	The Effect of Temperature on Pollen Germination, Pollen Tube Growth, and Stigmatic Receptivity in Peach. Plant Biology, 2005, 7, 476-483.	3.8	123
15	Influence of genotype-temperature interaction on pollen performance. Journal of Evolutionary Biology, 2005, 18, 1494-1502.	1.7	94
16	Effect of temperature on pollen tube kinetics and dynamics in sweet cherry, Prunus avium (Rosaceae). American Journal of Botany, 2004, 91, 558-564.	1.7	123
17	The effect of temperature on stigmatic receptivity in sweet cherry (Prunus avium L.). Plant, Cell and Environment, 2003, 26, 1673-1680.	5.7	105