Hidenori Takeuchi

List of Publications by Year
in descending order

19	1,930	687363 13	888059 17
papers	citations	h-index	g-index

21	21	21	1865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantification of Species-Preferential Micropylar Chemoattraction in Arabidopsis by Fluorescein Diacetate Staining of Pollen Tubes. International Journal of Molecular Sciences, 2022, 23, 2722.	4.1	0
2	Persistent directional growth capability in Arabidopsis thaliana pollen tubes after nuclear elimination from the apex. Nature Communications, 2021, 12, 2331.	12.8	8
3	The role of diverse LURE-type cysteine-rich peptides as signaling molecules in plant reproduction. Peptides, 2021, 142, 170572.	2.4	15
4	AtNOT1 Is a Novel Regulator of Gene Expression during Pollen Development. Plant and Cell Physiology, 2020, 61, 712-721.	3.1	9
5	Functional Analysis of the Plant Chromosomal Passenger Complex. Plant Physiology, 2020, 183, 1586-1599.	4.8	23
6	Polyspermy Block in the Central Cell During Double Fertilization of Arabidopsis thaliana. Frontiers in Plant Science, 2020, 11, 588700.	3.6	7
7	Structural basis for receptor recognition of pollen tube attraction peptides. Nature Communications, 2017, 8, 1331.	12.8	55
8	The histone H3 variant H3.3 regulates gene body DNA methylation in Arabidopsis thaliana. Genome Biology, 2017, 18, 94.	8.8	116
9	Tip-localized receptors control pollen tube growth and LURE sensing in Arabidopsis. Nature, 2016, 531, 245-248.	27.8	260
10	The Mechanism and Key Molecules Involved in Pollen Tube Guidance. Annual Review of Plant Biology, 2015, 66, 393-413.	18.7	181
11	Generation of a homozygous fertilization-defective gcs1 mutant by heat-inducible removal of a rescue gene. Plant Reproduction, 2015, 28, 33-46.	2.2	20
12	Live Imaging and Laser Disruption Reveal the Dynamics and Cellâ€“Cell Communication During Torenia fournieri Female Gametophyte Development. Plant and Cell Physiology, 2015, 56, 1031-1041.	3.1	28
13	Rapid Elimination of the Persistent Synergid through a Cell Fusion Mechanism. Cell, 2015, 161, 907-918.	28.9	111
14	Live imaging of calcium spikes during double fertilization in Arabidopsis. Nature Communications, 2014, 5, 4722.	12.8	125
15	Independent Control by Each Female Gamete Prevents the Attraction of Multiple Pollen Tubes. Developmental Cell, 2013, 25, 317-323.	7.0	133
16	A Species-Specific Cluster of Defensin-Like Genes Encodes Diffusible Pollen Tube Attractants in Arabidopsis. PLoS Biology, 2012, 10, e1001449.	5.6	238
17	Attraction of tip-growing pollen tubes by the female gametophyte. Current Opinion in Plant Biology, 2011, 14, 614-621.	7.1	53
18	Defensin-like polypeptide LUREs are pollen tube attractants secreted from synergid cells. Nature, 2009, 458, 357-361.	27.8	548

#	Article	IF	Citations
19	èŠ±ç²‰ç®¡è¯¯å¼•ç‰©è³ªãƒ«ã‚¢ãƒ¼ãƒ®ç™ºè¦‹. Kagaku To Seibutsu, 2009, 47, 617-623.	0.0	0