

Takanori Wakatake

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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687363

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#	ARTICLE	IF	CITATIONS
1	Subtilase activity in intrusive cells mediates haustorium maturation in parasitic plants. <i>Plant Physiology</i> , 2021, 185, 1381-1394.	4.8	21
2	Host-parasite tissue adhesion by a secreted type of Î²-1,4-glucanase in the parasitic plant <i>Phtheirospermum japonicum</i> . <i>Communications Biology</i> , 2020, 3, 407.	4.4	29
3	Quinone perception in plants via leucine-rich-repeat receptor-like kinases. <i>Nature</i> , 2020, 587, 92-97.	27.8	77
4	Auxin transport network underlies xylem bridge formation between the hemi-parasitic plant <i>Phtheirospermum japonicum</i> and host <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , 2020, 147, .	2.5	31
5	Haustorium Inducing Factors for Parasitic Orobanchaceae. <i>Frontiers in Plant Science</i> , 2019, 10, 1056.	3.6	49
6	Genome Sequence of <i>Striga asiatica</i> Provides Insight into the Evolution of Plant Parasitism. <i>Current Biology</i> , 2019, 29, 3041-3052.e4.	3.9	109
7	An artificial metalloenzyme biosensor can detect ethylene gas in fruits and <i>Arabidopsis</i> leaves. <i>Nature Communications</i> , 2019, 10, 5746.	12.8	62
8	Transcriptomic and Metabolomic Reprogramming from Roots to Haustoria in the Parasitic Plant, <i>Thesium chinense</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 729-738.	3.1	27
9	Induced cell fate transitions at multiple cell layers configure haustorium development in parasitic plants. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	29
10	Interspecies hormonal control of host root morphology by parasitic plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5283-5288.	7.1	82
11	Local Auxin Biosynthesis Mediated by a YUCCA Flavin Monooxygenase Regulates Haustorium Development in the Parasitic Plant <i>Phtheirospermum japonicum</i> . <i>Plant Cell</i> , 2016, 28, 1795-1814.	6.6	102
12	Haustorial Hairs Are Specialized Root Hairs That Support Parasitism in the Facultative Parasitic Plant <i>Phtheirospermum japonicum</i> . <i>Plant Physiology</i> , 2016, 170, 1492-1503.	4.8	72
13	The <i>WRKY45</i> -Dependent Signaling Pathway Is Required For Resistance against <i>Striga hermonthica</i> Parasitism. <i>Plant Physiology</i> , 2015, 168, 1152-1163.	4.8	51