Seung Ho Chung

List of Publications by Year
in descending order

16 papers	1,309 citations	759233 12 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	1628 citing authors

#	Article	IF	Citations
1	Herbivore exploits orally secreted bacteria to suppress plant defenses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15728-15733.	7.1	386
2	Role of trichomes in defense against herbivores: comparison of herbivore response to woolly and hairless trichome mutants in tomato (Solanum lycopersicum). Planta, 2012, 236, 1053-1066.	3.2	200
3	Cues from chewing insects â€" the intersection of DAMPs, HAMPs, MAMPs and effectors. Current Opinion in Plant Biology, 2015, 26, 80-86.	7.1	183
4	Towards an understanding of the molecular basis of effective RNAi against a global insect pest, the whitefly Bemisia tabaci. Insect Biochemistry and Molecular Biology, 2017, 88, 21-29.	2.7	87
5	Host plant species determines symbiotic bacterial community mediating suppression of plant defenses. Scientific Reports, 2017, 7, 39690.	3.3	76
6	Targeting symbiosis-related insect genes by RNAi in the pea aphid- Buchnera symbiosis. Insect Biochemistry and Molecular Biology, 2018, 95, 55-63.	2.7	71
7	Specificity of Induced Resistance in Tomato Against Specialist Lepidopteran and Coleopteran Species. Journal of Chemical Ecology, 2011, 37, 378-386.	1.8	68
8	Herbivore Oral Secreted Bacteria Trigger Distinct Defense Responses in Preferred and Non-Preferred Host Plants. Journal of Chemical Ecology, 2016, 42, 463-474.	1.8	44
9	Colorado potato beetle manipulates plant defenses in local and systemic leaves. Plant Signaling and Behavior, 2013, 8, e27592.	2.4	34
10	Engineering pest tolerance through plant-mediated RNA interference. Current Opinion in Plant Biology, 2021, 60, 102029.	7.1	23
11	Candidate genetic determinants of intraspecific variation in pea aphid susceptibility to RNA interference. Insect Biochemistry and Molecular Biology, 2020, 123, 103408.	2.7	18
12	B-vitamin nutrition in the pea aphid-Buchnera symbiosis. Journal of Insect Physiology, 2020, 126, 104092.	2.0	15
13	Host and symbiont genetic determinants of nutritional phenotype in a natural population of the pea aphid. Molecular Ecology, 2020, 29, 848-858.	3.9	15
14	Non-Target Effects of dsRNA Molecules in Hemipteran Insects. Genes, 2021, 12, 407.	2.4	12
15	A sugarcane mosaic virus vector for rapid <i>in planta</i> screening of proteins that inhibit the growth of insect herbivores. Plant Biotechnology Journal, 2021, 19, 1713-1724.	8.3	12
16	Maize resistance to insect herbivory is enhanced by silencing expression of genes for jasmonateâ€isoleucine degradation using sugarcane mosaic virus. Plant Direct, 2022, 6, .	1.9	3