Henry Chung

List of Publications by Year in descending order

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31 papers	2,082 citations	430754 18 h-index	434063 31 g-index
38 all docs	38 docs citations	38 times ranked	2431 citing authors

#	Article	IF	Citations
1	Characterization of Drosophila melanogaster cytochrome P450 genes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5731-5736.	3.3	248
2	Wax, sex and the origin of species: Dual roles of insect cuticular hydrocarbons in adaptation and mating. BioEssays, 2015, 37, 822-830.	1.2	237
3	Cis-Regulatory Elements in the Accord Retrotransposon Result in Tissue-Specific Expression of the Drosophila melanogaster Insecticide Resistance Gene Cyp6g1. Genetics, 2007, 175, 1071-1077.	1.2	233
4	A Single Gene Affects Both Ecological Divergence and Mate Choice in Drosophila. Science, 2014, 343, 1148-1151.	6.0	190
5	Dose-dependent protective effect of coffee, tea, and smoking in Parkinson's disease: a study in ethnic Chinese. Journal of the Neurological Sciences, 2003, 216, 163-167.	0.3	183
6	Insect pheromones: An overview of function, form, and discovery. Progress in Lipid Research, 2015, 59, 88-105.	5.3	166
7	A comparison of Drosophila melanogaster detoxification gene induction responses for six insecticides, caffeine and phenobarbital. Insect Biochemistry and Molecular Biology, 2006, 36, 934-942.	1.2	143
8	Cyp12a4 confers lufenuron resistance in a natural population of Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12807-12812.	3.3	133
9	A Cytochrome P450 Conserved in Insects Is Involved in Cuticle Formation. PLoS ONE, 2012, 7, e36544.	1.1	67
10	Steroid Hormone Signaling Is Essential for Pheromone Production and Oenocyte Survival. PLoS Genetics, 2016, 12, e1006126.	1.5	51
11	Climate change and the genetics of insecticide resistance. Pest Management Science, 2020, 76, 846-852.	1.7	46
12	DrosoPhyla: Resources for Drosophilid Phylogeny and Systematics. Genome Biology and Evolution, 2021, 13, .	1.1	45
13	Birth-and-Death Evolution of the Fatty Acyl-CoA Reductase (FAR) Gene Family and Diversification of Cuticular Hydrocarbon Synthesis in Drosophila. Genome Biology and Evolution, 2019, 11, 1541-1551.	1.1	44
14	Two independent duplications forming the Cyp307a genes in Drosophila. Insect Biochemistry and Molecular Biology, 2007, 37, 1044-1053.	1.2	37
15	Ancient balancing selection at tan underlies female colour dimorphism in Drosophila erecta. Nature Communications, 2016, 7, 10400.	5.8	37
16	Genetic analysis of Nurr1 haplotypes in Parkinson's disease. Neuroscience Letters, 2003, 347, 139-142.	1.0	30
17	Evolutionary Changes in Gene Expression, Coding Sequence and Copy-Number at the Cyp6g1 Locus Contribute to Resistance to Multiple Insecticides in Drosophila. PLoS ONE, 2014, 9, e84879.	1.1	27
18	Bioaccumulation of Cadmium Affects Development, Mating Behavior, and Fecundity in the Asian Corn Borer, Ostrinia furnacalis. Insects, 2020, 11, 7.	1.0	25

#	Article	IF	Citations
19	Nurr1 mutational screen in Parkinson's disease. Movement Disorders, 2004, 19, 1503-1505.	2.2	18
20	Drosophila as a holistic model for insect pheromone signaling and processing. Current Opinion in Insect Science, 2017, 24, 15-20.	2.2	17
21	The evolution of insect metallothioneins. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202189.	1.2	16
22	Natural variation at a single gene generates sexual antagonism across fitness components in Drosophila. Current Biology, 2022, 32, 3161-3169.e7.	1.8	14
23	Induction of a detoxification gene in Drosophila melanogaster requires an interaction between tissue specific enhancers and a novel cis-regulatory element. Insect Biochemistry and Molecular Biology, 2011, 41, 863-871.	1.2	13
24	ebony Affects Pigmentation Divergence and Cuticular Hydrocarbons in Drosophila americana and D. novamexicana. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	13
25	Effects of Winter Cover Crops on Rice Pests, Natural Enemies, and Grain Yield in a Rice Rotation System. Journal of Insect Science, 2019, 19, .	0.6	11
26	Impacts of Manures and Manure-Based Composts on Root Lesion Nematodes and Verticillium dahliae in Michigan Potatoes. Phytopathology, 2020, 110, 1226-1234.	1.1	9
27	Identification and Gene Expression Analysis of the Pheromone Biosynthesis Activating Neuropeptide Receptor (PBANR) From the Ostrinia furnacalis (Lepidoptera: Pyralidae). Journal of Insect Science, 2019, 19, .	0.6	7
28	Repression precedes independent evolutionary gains of a highly specific gene expression pattern. Cell Reports, 2021, 37, 109896.	2.9	5
29	First Report of the Hop Cyst Nematode, Heterodera humuli, in Two Counties of the Yakima Valley Region, WA, U.S.A.. Plant Disease, 2021, 105, 1228-1228.	0.7	4
30	An Ozonolysis Based Method and Applications for the Non-Lethal Modification of Insect Cuticular Hydrocarbons. Journal of Chemical Ecology, 2021, 47, 628-641.	0.9	4
31	Exploring the Insecticidal Potential of Gaseous and Aqueous Ozone to Control Spotted-Wing Drosophila,Drosophila suzukii(Diptera: Drosophilidae). Journal of Economic Entomology, 2022, 115, 1203-1212.	0.8	1