Gong-Yin Ye

List of Publications by Year
in descending order

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102 papers	2,516 citations	218592 26 h-index	243529 44 g-index
104 all docs	104 docs citations	104 times ranked	2842 citing authors

#	Article	IF	Citations
1	Taxonomy of the order Mononegavirales: update 2017. Archives of Virology, 2017, 162, 2493-2504.	0.9	173
2	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	0.9	153
3	Resistance of rice to insect pests mediated by suppression of serotonin biosynthesis. Nature Plants, 2018, 4, 338-344.	4.7	144
4	Parasitism of Pieris rapae (Lepidoptera: Pieridae) by a pupal endoparasitoid, Pteromalus puparum (Hymenoptera: Pteromalidae): effects of parasitization and venom on host hemocytes. Journal of Insect Physiology, 2004, 50, 315-322.	0.9	89
5	Identification and expression profiles of neuropeptides and their G protein-coupled receptors in the rice stem borer Chilo suppressalis. Scientific Reports, 2016, 6, 28976.	1.6	88
6	Specific Cells in the Primary Salivary Glands of the Whitefly Bemisia tabaci Control Retention and Transmission of Begomoviruses. Journal of Virology, 2014, 88, 13460-13468.	1.5	85
7	Taxonomy of the order Mononegavirales: second update 2018. Archives of Virology, 2019, 164, 1233-1244.	0.9	70
8	A Venom Serpin Splicing Isoform of the Endoparasitoid Wasp Pteromalus puparum Suppresses Host Prophenoloxidase Cascade by Forming Complexes with Host Hemolymph Proteinases. Journal of Biological Chemistry, 2017, 292, 1038-1051.	1.6	66
9	A new Drosophila octopamine receptor responds to serotonin. Insect Biochemistry and Molecular Biology, 2017, 90, 61-70.	1.2	64
10	Comparative venom toxicity between Pteromalus puparum and Nasonia vitripennis (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 cells. Toxicon, 2005, 46, 337-349.	0.8	60
11	Antimicrobial peptide-like genes in Nasonia vitripennis: a genomic perspective. BMC Genomics, 2010, 11, 187.	1.2	59
12	Comparative genomics of the miniature wasp and pest control agent Trichogramma pretiosum. BMC Biology, 2018, 16, 54.	1.7	57
13	Two splicing variants of a novel family of octopamine receptors with different signaling properties. Journal of Neurochemistry, 2014, 129, 37-47.	2.1	55
14	Insights into the venom composition and evolution of an endoparasitoid wasp by combining proteomic and transcriptomic analyses. Scientific Reports, 2016, 6, 19604.	1.6	53
15	Infection of tobacco plants by a begomovirus improves nutritional assimilation by a whitefly. Entomologia Experimentalis Et Applicata, 2012, 144, 191-201.	0.7	50
16	Inhibition of host cell encapsulation through inhibiting immune gene expression by the parasitic wasp venom calreticulin. Insect Biochemistry and Molecular Biology, 2013, 43, 936-946.	1.2	50
17	Expression of immune-response genes in lepidopteran host is suppressed by venom from an endoparasitoid, Pteromalus puparum. BMC Genomics, 2010, 11, 484.	1.2	49
18	Serotonin modulates insect hemocyte phagocytosis via two different serotonin receptors. ELife, 2016, 5, .	2.8	49

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19	Evolutionary Rate Correlation between Mitochondrial-Encoded and Mitochondria-Associated Nuclear-Encoded Proteins in Insects. Molecular Biology and Evolution, 2019, 36, 1022-1036.	3.5	46
20	Effects of the endoparasitoid Cotesia chilonis (Hymenoptera: Braconidae) parasitism, venom, and calyx fluid on cellular and humoral immunity of its host Chilo suppressalis (Lepidoptera: Crambidae) larvae. Journal of Insect Physiology, 2016, 85, 46-56.	0.9	41
21	Protein Discovery: Combined Transcriptomic and Proteomic Analyses of Venom from the Endoparasitoid Cotesia chilonis (Hymenoptera: Braconidae). Toxins, 2017, 9, 135.	1.5	40
22	A novel negative-stranded RNA virus mediates sex ratio in its parasitoid host. PLoS Pathogens, 2017, 13, e1006201.	2.1	35
23	A chromosomeâ€level genome assembly of the parasitoid wasp Pteromalus puparum. Molecular Ecology Resources, 2020, 20, 1384-1402.	2.2	35
24	Molecular Cloning and Functional Studies of Two Kazal-Type Serine Protease Inhibitors Specifically Expressed by Nasonia vitripennis Venom Apparatus. Toxins, 2015, 7, 2888-2905.	1.5	31
25	Inhibition of melanization by a Nasonia defensin-like peptide: Implications for host immune suppression. Journal of Insect Physiology, 2010, 56, 1857-1862.	0.9	29
26	The genomic and transcriptomic analyses of serine proteases and their homologs in an endoparasitoid, Pteromalus puparum. Developmental and Comparative Immunology, 2017, 77, 56-68.	1.0	29
27	Cellular and humoral immune interactions between Drosophila and its parasitoids. Insect Science, 2021, 28, 1208-1227.	1.5	29
28	Larvae of the small white butterfly, Pieris rapae, express a novel serotonin receptor. Journal of Neurochemistry, 2014, 131, 767-777.	2.1	28
29	Flowerâ€visiting insects and their potential impact on transgene flow in rice. Journal of Applied Ecology, 2014, 51, 1357-1365.	1.9	27
30	Venom of Pteromalus puparum (Hymenoptera: Pteromalidae) induced endocrine changes in the hemolymph of its host, Pieris rapae (Lepidoptera: Pieridae). Archives of Insect Biochemistry and Physiology, 2009, 71, 45-53.	0.6	26
31	Dopamine modulates hemocyte phagocytosis via a D1-like receptor in the rice stem borer, Chilo suppressalis. Scientific Reports, 2015, 5, 12247.	1.6	26
32	De Novo Assembly and Developmental Transcriptome Analysis of the Small White Butterfly Pieris rapae. PLoS ONE, 2016, 11, e0159258.	1.1	24
33	Does Bt rice pose risks to nonâ€target arthropods? Results of a metaâ€analysis in China. Plant Biotechnology Journal, 2017, 15, 1047-1053.	4.1	24
34	Pteromalus puparum venom impairs host cellular immune responses by decreasing expression of its scavenger receptor gene. Insect Biochemistry and Molecular Biology, 2011, 41, 852-862.	1.2	23
35	Identification and Comparative Analysis of Venom Proteins in a Pupal Ectoparasitoid, Pachycrepoideus vindemmiae. Frontiers in Physiology, 2020, 11, 9.	1.3	21
36	Characterization of a tyramine receptor type 2 from hemocytes of rice stem borer, Chilo suppressalis. Journal of Insect Physiology, 2015, 75, 39-46.	0.9	19

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37	Identification and characterization of serine protease inhibitors in a parasitic wasp, Pteromalus puparum. Scientific Reports, 2017, 7, 15755.	1.6	19
38	The Pupal Ectoparasitoid Pachycrepoideus vindemmiae Regulates Cellular and Humoral Immunity of Host Drosophila melanogaster. Frontiers in Physiology, 2019, 10, 1282.	1.3	19
39	An Ovarian Protein Involved in Passive Avoidance of an Endoparasitoid To Evade Its Host Immune Response. Journal of Proteome Research, 2019, 18, 2695-2705.	1.8	19
40	Rice dwarf virus infection alters green rice leafhopper host preference and feeding behavior. PLoS ONE, 2018, 13, e0203364.	1.1	18
41	Virusâ€induced plant volatiles mediate the olfactory behaviour of its insect vectors. Plant, Cell and Environment, 2021, 44, 2700-2715.	2.8	18
42	De novo assembly and characterization of central nervous system transcriptome reveals neurotransmitter signaling systems in the rice striped stem borer, Chilo suppressalis. BMC Genomics, 2015, 16, 525.	1.2	17
43	Comparing Gene Expression Profiles Between Bt and non-Bt Rice in Response to Brown Planthopper Infestation. Frontiers in Plant Science, 2015, 6, 1181.	1.7	16
44	Genomeâ€wide characterization and transcriptomic analyses of neuropeptides and their receptors in an endoparasitoid wasp, Pteromalus puparum. Archives of Insect Biochemistry and Physiology, 2020, 103, e21625.	0.6	16
45	Differential Fipronil Susceptibility and Metabolism in Two Rice Stem Borers from China. Journal of Economic Entomology, 2008, 101, 1415-1420.	0.8	15
46	Bitrophic and Tritrophic Effects of Transgenic cry1Ab/cry2Aj Maize on the Beneficial, Nontarget Harmonia axyridis (Coleoptera: Coccinellidae). Environmental Entomology, 2017, 46, 1171-1176.	0.7	15
47	Mitochondrial DNA and their nuclear copies in the parasitic wasp Pteromalus puparum: A comparative analysis in Chalcidoidea. International Journal of Biological Macromolecules, 2019, 121, 572-579.	3.6	15
48	Genome of the pincer wasp Gonatopus flavifemur reveals unique venom evolution and a dual adaptation to parasitism and predation. BMC Biology, 2021, 19, 145.	1.7	15
49	Effects of host (Boettcherisca peregrina) copper exposure on development, reproduction and vitellogenesis of the ectoparasitic wasp, Nasonia vitripennis. Insect Science, 2009, 16, 43-50.	1.5	14
50	Transgenic cry1C or cry2A rice has no adverse impacts on the lifeâ€table parameters and population dynamics of the brown planthopper, Nilaparvata lugens (Hemiptera: Delphacidae). Pest Management Science, 2015, 71, 937-945.	1.7	13
51	Molecular characterization and expression profiles of nicotinic acetylcholine receptors in the rice striped stem borer, Chilo suppressalis (Lepidoptera: Crambidae). Insect Science, 2017, 24, 371-384.	1.5	13
52	A novel cripavirus of an ectoparasitoid wasp increases pupal duration and fecundity of the waspâ€™s Drosophila melanogaster host. ISME Journal, 2021, 15, 3239-3257.	4.4	13
53	Pharmacological characterization of dopamine receptors in the rice striped stem borer, Chilo suppressalis. Insect Biochemistry and Molecular Biology, 2017, 83, 80-93.	1.2	12
54	Molecular cloning and characterization of TRPVs in two rice pests: Nilaparvata lugens (StÃ¥l) and Nephotettix cincticeps (Uhler). Pest Management Science, 2019, 75, 1361-1369.	1.7	12

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55	Combined influence of Bt rice and rice dwarf virus on biological parameters of a non-target herbivore, Nephotettix cincticeps (Uhler) (Hemiptera: Cicadellidae). PLoS ONE, 2017, 12, e0181258.	1.1	12
56	Characterization of three serotonin receptors from the small white butterfly, Pieris rapae. Insect Biochemistry and Molecular Biology, 2017, 87, 107-116.	1.2	11
57	A digestive tract expressing Î±â€amylase influences the adult lifespan of Pteromalus puparum revealed through RNAi and rescue analyses. Pest Management Science, 2019, 75, 3346-3355.	1.7	11
58	Venom Î±â€amylase of the endoparasitic wasp Pteromalus puparum influences host metabolism. Pest Management Science, 2020, 76, 2180-2189.	1.7	11
59	Comparative Genomics Sheds Light on the Convergent Evolution of Miniaturized Wasps. Molecular Biology and Evolution, 2021, 38, 5539-5554.	3.5	11
60	A Venom Gland Extracellular Chitin-Binding-Like Protein from Pupal Endoparasitoid Wasps, Pteromalus Puparum, Selectively Binds Chitin. Toxins, 2015, 7, 5098-5113.	1.5	10
61	Venom of Parasitoid Pteromalus puparum Impairs Host Humoral Antimicrobial Activity by Decreasing Host Cecropin and Lysozyme Gene Expression. Toxins, 2016, 8, 52.	1.5	10
62	Identification of Neuropeptides and Their Receptors in the Ectoparasitoid, Habrobracon hebetor. Frontiers in Physiology, 2020, 11, 575655.	1.3	10
63	Parasitism of Pieris rapae (Lepidoptera: Pieridae) by the endoparasitic wasp Pteromalus puparum (Hymenoptera: Pteromalidae): Effects of parasitism on differential hemocyte counts, microâ€and ultraâ€structures of host hemocytes. Insect Science, 2012, 19, 485-497.	1.5	9
64	Oogenesis in the Bemisia tabaci MEAM1 species complex. Micron, 2016, 83, 1-10.	1.1	9
65	Identification, Characterization and Expression Analysis of TRP Channel Genes in the Vegetable Pest, Pieris rapae. Insects, 2020, 11, 192.	1.0	9
66	Molecular and pharmacological characterization of a Î²-adrenergic-like octopamine receptor from the green rice leafhopper Nephotettix cincticeps. Insect Biochemistry and Molecular Biology, 2020, 120, 103337.	1.2	9
67	Effects of starvation on the vitellogenesis, ovarian development and fecundity in the ectoparasitoid, Nasonia vitripennis (Hymenoptera: Pteromalidae). Insect Science, 2008, 15, 429-440.	1.5	8
68	The rice planthopper parasitoid Anagrus nilaparvatae is not at risk when feeding on honeydew derived from Bacillus thuringiensis (Bt) rice. Pest Management Science, 2018, 74, 1854-1860.	1.7	8
69	Genomeâ€wide identification and analysis of genes encoding cuticular proteins in the endoparasitoid wasp Pteromalus puparum (Hymenoptera: Pteromalidae). Archives of Insect Biochemistry and Physiology, 2020, 103, e21628.	0.6	8
70	cDNA of an arylphorinâ€type storage protein from Pieris rapae with parasitism inducible expression by the endoparasitoid wasp Pteromalus puparum. Insect Science, 2009, 16, 227-236.	1.5	7
71	Impact Assessments of Transgenic cry1Ab Rice on the Population Dynamics of Five Non-Target Thrips Species and Their General Predatory Flower Bug in Bt and Non-Bt Rice Fields Using Color Sticky Card Traps. Journal of Integrative Agriculture, 2013, 12, 1807-1815.	1.7	7
72	Variation among conventional cultivars could be used as a criterion for environmental safety assessment of Bt rice on nontarget arthropods. Scientific Reports, 2017, 7, 41918.	1.6	7

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73	The Venom of the Ectoparasitoid Wasp Pachycrepoideus vindemiae (Hymenoptera: Pteromalidae) Induces Apoptosis of Drosophila melanogaster Hemocytes. Insects, 2020, 11, 363.	1.0	7
74	Does longâ€term Bt rice planting pose risks to spider communities and their capacity to control planthoppers?. Plant Biotechnology Journal, 2020, 18, 1851-1853.	4.1	7
75	Insight into the Functional Diversification of Lipases in the Endoparasitoid Pteromalus puparum (Hymenoptera: Pteromalidae) by Genome-scale Annotation and Expression Analysis. Insects, 2020, 11, 227.	1.0	7
76	A Novel Iflavirus Was Discovered in Green Rice Leafhopper Nephotettix cincticeps and Its Proliferation Was Inhibited by Infection of Rice Dwarf Virus. Frontiers in Microbiology, 2020, 11, 621141.	1.5	7
77	Effects of Transgenic Bt Rice on NontargetRhopalosiphum maidis(Homoptera: Aphididae). Environmental Entomology, 2016, 45, 1090-1096.	0.7	6
78	Functional Characterization of a Venom Protein Calreticulin in the Ectoparasitoid Pachycrepoideus vindemiae. Insects, 2020, 11, 29.	1.0	6
79	Cry1C rice doesnâ€™t affect the ecological fitness of rice brown planthopper, Nilaparvata lugens either under RDV stress or not. Scientific Reports, 2020, 10, 16423.	1.6	6
80	Lipidomics reveals how the endoparasitoid wasp Pteromalus puparum manipulates host energy stores for its young. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158736.	1.2	6
81	An endoparasitoid uses its egg surface proteins to regulate its host immune response. Insect Science, 2022, 29, 1030-1046.	1.5	6
82	iVenomDB: A manually curated database for insect venom proteins. Insect Science, 2023, 30, 264-266.	1.5	6
83	THE ENDOPARASITOID Pteromalus puparum INFLUENCES HOST GENE EXPRESSION WITHIN FIRST HOUR OF PARASITIZATION. Archives of Insect Biochemistry and Physiology, 2015, 90, 140-153.	0.6	5
84	Cry2A rice did not affect the interspecific interactions between two rice planthoppers, Nilaparvata lugens, and Sogatella furcifera. GM Crops and Food, 2019, 10, 170-180.	2.0	5
85	A venom protein, Kazalâ€type serine protease inhibitor, of ectoparasitoid Pachycrepoideus vindemiae inhibits the hemolymph melanization of host Drosophila melanogaster. Archives of Insect Biochemistry and Physiology, 2020, 105, e21736.	0.6	5
86	Diverse RNA Viruses Discovered in Three Parasitoid Wasps of the Rice Weevil Sitophilus oryzae. MSphere, 2021, 6, .	1.3	5
87	Genes acting in longevityâ€related pathways in the endoparasitoid, Pteromalus puparum. Archives of Insect Biochemistry and Physiology, 2020, 103, e21635.	0.6	4
88	Biogenic amine biosynthetic and transduction genes in the endoparasitoid wasp Pteromalus puparum (Hymenoptera: Pteromalidae). Archives of Insect Biochemistry and Physiology, 2020, 103, e21632.	0.6	4
89	WaspBase: a genomic resource for the interactions among parasitic wasps, insect hosts and plants. Database: the Journal of Biological Databases and Curation, 2018, 2018, 1-9.	1.4	3
90	Genomic and transcriptomic analyses of glutathione Sâ€transferases in an endoparasitoid wasp,Pteromalus puparum. Archives of Insect Biochemistry and Physiology, 2020, 103, e21634.	0.6	3

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91	Characterization of a cell deathâ€inducing endonucleaseâ€like venom protein from the parasitoid wasp Pteromalus puparum (<scp>Hymenoptera: Pteromalidae</scp>). Pest Management Science, 2021, 77, 224-233.	1.7	3
92	Impacts of Bt rice on non-target organisms assessed by the hazard quotient (HQ). Ecotoxicology and Environmental Safety, 2021, 207, 111214.	2.9	3
93	Identification and characterization of a novel rhabdovirus in green rice leafhopper, Nephotettix cincticeps. Virus Research, 2021, 296, 198281.	1.1	3
94	dsRNAs Targeted to the Brown Planthopper Nilaparvata lugens: Assessing Risk to a Non-Target, Beneficial Predator, Cyrtorhinus lividipennis. Journal of Agricultural and Food Chemistry, 2022, 70, 373-380.	2.4	3
95	Molecular characterization of a proline transporter from Chilo suppressalis. Insect Science, 2011, 18, 495-502.	1.5	2
96	The New Transgeniccry1Ab/vip3HRice Poses No Unexpected Ecological Risks to Arthropod Communities in Rice Agroecosystems. Environmental Entomology, 2016, 45, 518-525.	0.7	2
97	Immune signaling pathways in the endoparasitoid,Pteromalus puparum. Archives of Insect Biochemistry and Physiology, 2020, 103, e21629.	0.6	2
98	Identification and characterization of miRNAs in an endoparasitoid wasp, Pteromalus puparum. Archives of Insect Biochemistry and Physiology, 2020, 103, e21633.	0.6	2
99	Effects of sugar sources on adult longevity, survival and related gene expression in an endoparasitoid, Pteromalus puparum (Hymenoptera: Pteromalidae). Pest Management Science, 2021, 77, 1282-1291.	1.7	2
100	Metabolic Analysis Reveals Cry1C Gene Transformation Does Not Affect the Sensitivity of Rice to Rice Dwarf Virus. Metabolites, 2021, 11, 209.	1.3	2
101	Review: The Sultan of Vezirs: The Life and Times of the Ottoman Grand Vezir Mahmud Pasha Angelovic (1453â€“1474)â€ Theoharis Stavrides. Journal of Islamic Studies, 2003, 14, 116-118.	0.0	1
102	Addendum: Qian, C.; Fang, Q.; Wang, L.; Ye, G.Y. Molecular Cloning and Functional Studies of Two Kazal-Type Serine Protease Inhibitors Specifically Expressed by Nasonia vitripennis Venom Apparatus. Toxins 2015, 7, 2888â€“2905. Toxins, 2015, 7, 3636-3636.	1.5	0