

Qisheng Song

List of Publications by Year in descending order

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76
papers

1,736
citations

257450

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330143

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g-index

78
all docs

78
docs citations

78
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxonomy of the order Mononegavirales: update 2017. Archives of Virology, 2017, 162, 2493-2504.	2.1	173
2	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	2.1	153
3	Insect Neuropeptide Bursicon Homodimers Induce Innate Immune and Stress Genes during Molting by Activating the NF- κ B Transcription Factor Relish. PLoS ONE, 2012, 7, e34510.	2.5	78
4	Taxonomy of the order Mononegavirales: second update 2018. Archives of Virology, 2019, 164, 1233-1244.	2.1	70
5	Alterations in ultraspiracle (USP) content and phosphorylation state accompany feedback regulation of ecdysone synthesis in the insect prothoracic gland. Insect Biochemistry and Molecular Biology, 1998, 28, 849-860.	2.7	64
6	BmLF and i-motif structure are involved in transcriptional regulation of BmPOUM2 in Bombyx mori. Nucleic Acids Research, 2018, 46, 1710-1723.	14.5	53
7	Variation among 532 genomes unveils the origin and evolutionary history of a global insect herbivore. Nature Communications, 2020, 11, 2321.	12.8	47
8	Genome-wide analysis of DNA G-quadruplex motifs across 37 species provides insights into G4 evolution. Communications Biology, 2021, 4, 98.	4.4	47
9	Molecular Cloning, Developmental Expression, and Phosphorylation of Ribosomal Protein S6 in the Endocrine Gland Responsible for Insect Molting. Journal of Biological Chemistry, 1997, 272, 4429-4435.	3.4	44
10	An Immunophilin is a Component of the Insect Ecdysone Receptor (EcR) Complex. Insect Biochemistry and Molecular Biology, 1997, 27, 973-982.	2.7	42
11	RNA interference of the P450<i>CYP6CM1</i> gene has different efficacy in B and Q biotypes of<i> Bemisia tabaci</i>. Pest Management Science, 2015, 71, 1175-1181.	3.4	42
12	PKC-Mediated USP Phosphorylation at Ser35 Modulates 20-Hydroxyecdysone Signaling in<i> Drosophila</i>. Journal of Proteome Research, 2012, 11, 6187-6196.	3.7	36
13	Jinggangmycin increases fecundity of the brown planthopper, Nilaparvata lugens (Stål) via fatty acid synthase gene expression. Journal of Proteomics, 2016, 130, 140-149.	2.4	36
14	A novel negative-stranded RNA virus mediates sex ratio in its parasitoid host. PLoS Pathogens, 2017, 13, e1006201.	4.7	35
15	A chromosome-level genome assembly of the parasitoid wasp<i> Pteromalus puparum</i>. Molecular Ecology Resources, 2020, 20, 1384-1402.	4.8	35
16	The genomic and transcriptomic analyses of serine proteases and their homologs in an endoparasitoid, Pteromalus puparum. Developmental and Comparative Immunology, 2017, 77, 56-68.	2.3	29
17	Proteomic Identification of PKC-Mediated Expression of 20E-Induced Protein in<i> Drosophila</i><i> melanogaster</i>. Journal of Proteome Research, 2007, 6, 4478-4488.	3.7	27
18	Flower-visiting insects and their potential impact on transgene flow in rice. Journal of Applied Ecology, 2014, 51, 1357-1365.	4.0	27

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19	Metatranscriptome analysis of the intestinal microorganisms in <i>Pardosa pseudoannulata</i> in response to cadmium stress. <i>Ecotoxicology and Environmental Safety</i> , 2018, 159, 1-9.	6.0	27
20	Expression and functional analysis of cytochrome P450 genes in the wolf spider <i>Pardosa pseudoannulata</i> under cadmium stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 19-25.	6.0	27
21	Identification of LARK as a novel and conserved G-quadruplex binding protein in invertebrates and vertebrates. <i>Nucleic Acids Research</i> , 2019, 47, 7306-7320.	14.5	27
22	Intragenic DNA methylation regulates insect gene expression and reproduction through the MBD/Tip60 complex. <i>IScience</i> , 2021, 24, 102040.	4.1	27
23	20E-regulated USP expression and phosphorylation in <i>Drosophila melanogaster</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 1211-1218.	2.7	26
24	Effect of ecdysone agonists on vitellogenesis and the expression of EcR and USP in codling moth (<i>Cydia pomonella</i>). <i>Archives of Insect Biochemistry and Physiology</i> , 2003, 52, 115-129.	1.5	25
25	PKC-mediated USP phosphorylation is required for 20E-induced gene expression in the salivary glands of <i>Drosophila melanogaster</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2006, 62, 116-127.	1.5	25
26	Global identification of bursicon-regulated genes in <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2008, 9, 424.	2.8	25
27	Relish2 mediates bursicon homodimer-induced prophylactic immunity in the mosquito <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2017, 7, 43163.	3.3	24
28	Atrazine Triggers DNA Damage Response and Induces DNA Double-Strand Breaks in MCF-10A Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14353-14368.	4.1	22
29	Cucurbitacin B acts a potential insect growth regulator by antagonizing 20 α -hydroxyecdysone activity. <i>Pest Management Science</i> , 2018, 74, 1394-1403.	3.4	21
30	Bioaccumulation of Cry1Ab Protein from an Herbivore Reduces Anti-Oxidant Enzyme Activities in Two Spider Species. <i>PLoS ONE</i> , 2014, 9, e84724.	2.5	20
31	Identification and characterization of serine protease inhibitors in a parasitic wasp, <i>Pteromalus puparum</i> . <i>Scientific Reports</i> , 2017, 7, 15755.	3.3	19
32	DNA methylation mediates BmDeaf1-regulated tissue- and stage-specific expression of BmCHSA-2b in the silkworm, <i>Bombyx mori</i> . <i>Epigenetics and Chromatin</i> , 2018, 11, 32.	3.9	19
33	Transcriptome sequencing reveals the effects of cadmium toxicity on the cold tolerance of the wolf spider <i>Pirata subpiraticus</i> . <i>Chemosphere</i> , 2020, 254, 126802.	8.2	19
34	Transcriptome assembly and expression profiling of the molecular responses to cadmium toxicity in cerebral ganglia of wolf spider <i>Pardosa pseudoannulata</i> (Araneae: Lycosidae). <i>Ecotoxicology</i> , 2018, 27, 198-208.	2.4	18
35	Review: biosafety assessment of Bt rice and other Bt crops using spiders as example for non-target arthropods in China. <i>Plant Cell Reports</i> , 2017, 36, 505-517.	5.6	17
36	In vivo visualization of the i-motif DNA secondary structure in the <i>Bombyx mori</i> testis. <i>Epigenetics and Chromatin</i> , 2020, 13, 12.	3.9	17

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37	Identification of novel antimicrobial peptides from rice planthopper, Nilaparvata lugens. Insect Biochemistry and Molecular Biology, 2019, 113, 103215.	2.7	16
38	Characterization of cadmium-responsive transcription factors in wolf spider Pardosa pseudoannulata. Chemosphere, 2021, 268, 129239.	8.2	16
39	Transcriptional expression of bursicon and novel bursicon-regulated genes in the house fly Musca domestica. Archives of Insect Biochemistry and Physiology, 2008, 68, 100-112.	1.5	15
40	Effect of Cry1Ab protein on hemocytes of the wolf spider <i>Pardosa pseudoannulata</i> . Biocontrol Science and Technology, 2013, 23, 423-432.	1.3	15
41	Transcriptome analysis provides insights into the immunity function of venom glands in <i>Pardosa pseudoannulata</i> in responses to cadmium toxicity. Environmental Science and Pollution Research, 2018, 25, 23875-23882.	5.3	14
42	Bursicon, a Neuropeptide Hormone that Controls Cuticle Tanning and Wing Expansion. , 2012, , 93-105.		13
43	Atrazine Affects Phosphoprotein and Protein Expression in MCF-10A Human Breast Epithelial Cells. International Journal of Molecular Sciences, 2014, 15, 17806-17826.	4.1	13
44	DNA methylation suppresses chitin degradation and promotes the wing development by inhibiting Bmara-mediated chitinase expression in the silkworm, Bombyx mori. Epigenetics and Chromatin, 2020, 13, 34.	3.9	13
45	A novel cripavirus of an ectoparasitoid wasp increases pupal duration and fecundity of the wasp <i>Drosophila melanogaster</i> host. ISME Journal, 2021, 15, 3239-3257.	9.8	13
46	Cry1Ab-expressing rice did not influence expression of fecundity-related genes in the wolf spider <i>Pardosa pseudoannulata</i> . Gene, 2016, 592, 1-7.	2.2	12
47	DNA G-quadruplex structure participates in regulation of lipid metabolism through acyl-CoA binding protein. Nucleic Acids Research, 2022, 50, 6953-6967.	14.5	12
48	Recruitment-promoting of dormant <i>Microcystis aeruginosa</i> by three benthic bacterial species. Harmful Algae, 2018, 77, 18-28.	4.8	11
49	Venom α -amylase of the endoparasitic wasp <i>Pteromalus puparum</i> influences host metabolism. Pest Management Science, 2020, 76, 2180-2189.	3.4	11
50	Identification of Neuropeptides and Their Receptors in the Ectoparasitoid, <i>Habrobracon hebetor</i> . Frontiers in Physiology, 2020, 11, 575655.	2.8	10
51	Bursicon homodimers induce the innate immunity via Relish in <i>Procambarus clarkii</i> . Fish and Shellfish Immunology, 2020, 99, 555-561.	3.6	10
52	Evaluation of the Potential Effect of Transgenic Rice Expressing Cry1Ab on the Hematology and Enzyme Activity in Organs of Female Swiss Rats. PLoS ONE, 2013, 8, e80424.	2.5	9
53	Neuropeptide Bursicon Influences Reproductive Physiology in <i>Tribolium Castaneum</i> . Frontiers in Physiology, 2021, 12, 717437.	2.8	9
54	Broad-complex transcription factor mediates opposing hormonal regulation of two phylogenetically distant arginine kinase genes in <i>Tribolium castaneum</i> . Communications Biology, 2020, 3, 631.	4.4	8

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55	G-Quadruplex Regulation of VEGFA mRNA Translation by RBM4. <i>International Journal of Molecular Sciences</i> , 2022, 23, 743.	4.1	8
56	A Novel Iflavivirus Was Discovered in Green Rice Leafhopper <i>Nephotettix cincticeps</i> and Its Proliferation Was Inhibited by Infection of Rice Dwarf Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 621141.	3.5	7
57	Identification of a novel bursicon-regulated transcriptional regulator, md13379, in the house fly <i>Musca domestica</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2009, 70, 106-121.	1.5	6
58	De novo characterization of venom apparatus transcriptome of <i>Pardosa pseudoannulata</i> and analysis of its gene expression in response to Bt protein. <i>BMC Biotechnology</i> , 2017, 17, 73.	3.3	6
59	Two Fungicides Alter Reproduction of the Small Brown Planthopper <i>Laodelphax striatellus</i> by Influencing Gene and Protein Expression. <i>Journal of Proteome Research</i> , 2018, 17, 978-986.	3.7	6
60	Long-term cadmium exposure affects cell adhesion and expression of cadherin in the male genital organ of <i>Pardosa pseudoannulata</i> (Björnsen & Strand, 1906). <i>Environmental Science and Pollution Research</i> , 2020, 27, 17770-17778.	5.3	5
61	Diverse RNA Viruses Discovered in Three Parasitoid Wasps of the Rice Weevil <i>Sitophilus oryzae</i> . <i>MSphere</i> , 2021, 6, .	2.9	5
62	woc gene mutation causes 20E-dependent α -tubulin detyrosination in <i>Drosophila melanogaster</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2005, 60, 116-129.	1.5	4
63	THE NEUROPEPTIDE BURSICON ACTS IN CUTICLE METABOLISM. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 89, 87-97.	1.5	4
64	Identification of binding domains and key amino acids involved in the interaction between BmLARK and G4 structure in the BmPOUM2 promoter in <i>Bombyx mori</i> . <i>Insect Science</i> , 2020, 28, 929-940.	3.0	3
65	Identification and characterization of a novel rhabdovirus in green rice leafhopper, <i>Nephotettix cincticeps</i> . <i>Virus Research</i> , 2021, 296, 198281.	2.2	3
66	Interacting C/EBP γ and YBP regulate DNA methyltransferase 1 expression in <i>Bombyx mori</i> embryos and ovaries. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 134, 103583.	2.7	3
67	Transcriptional response of <i>Microcystis aeruginosa</i> to the recruitment promoting-benthic bacteria. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 153-162.	1.3	3
68	Immune signaling pathways in the endoparasitoid, <i>Pteromalus puparum</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21629.	1.5	2
69	Identification and characterization of miRNAs in an endoparasitoid wasp, <i>Pteromalus puparum</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21633.	1.5	2
70	Large-scale screening of i-motif binding compounds in the silkworm, <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2022, 589, 9-15.	2.1	2
71	Cloning and characterization of a bursicon-regulated gene <i>Su(H)</i> in the house fly <i>Musca domestica</i> . <i>Insect Science</i> , 2009, 16, 207-217.	3.0	1
72	Bursicon as a Potential Target for Insect Control. , 2013, , 83-105.		1

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73	Methamidophos Influences Midgut Proteinase Activity and Subcellular Structures in the Wolf Spider <i>Pardosa pseudoamulata</i> (Araneae: Lycosidae). <i>Journal of Economic Entomology</i> , 2019, 112, 335-340.	1.8	1
74	Effects of Age and Length of Exposure on the Reproduction of Adult Codling Moth (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2004, 39, 417-425.	0.3	1
75	Selected Papers from the International Symposium on Insect Physiology, Biochemistry and Molecular Biology Presented at Shandong University, Jinan, China, September 2007. Part I. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 68, 61-62.	1.5	0
76	Bursicon, a Neuropeptide Hormone That Controls Cuticle Tanning and Beyond. , 2011, , 132-149.		0