

Qi Su

List of Publications by Year in descending order

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55
papers

2,420
citations

236925

25
h-index

214800

47
g-index

56
all docs

56
docs citations

56
times ranked

3017
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic diversity of 2010 Haitian cholera outbreak strains. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2010-7.	7.1	173
2	Further Spread of and Domination by Bemisia tabaci (Hemiptera: Aleyrodidae) Biotype Q on Field Crops in China. Journal of Economic Entomology, 2011, 104, 978-985.	1.8	146
3	GAGE-B: an evaluation of genome assemblers for bacterial organisms. Bioinformatics, 2013, 29, 1718-1725.	4.1	135
4	Rapid Spread of Tomato Yellow Leaf Curl Virus in China Is Aided Differentially by Two Invasive Whiteflies. PLoS ONE, 2012, 7, e34817.	2.5	120
5	Field resistance of Spodoptera litura (Lepidoptera: Noctuidae) to organophosphates, pyrethroids, carbamates and four newer chemistry insecticides in Hunan, China. Journal of Pest Science, 2013, 86, 599-609.	3.7	116
6	The whitefly-associated facultative symbiont <i>Hamiltonella defensa</i> suppresses induced plant defences in tomato. Functional Ecology, 2015, 29, 1007-1018.	3.6	114
7	Diallyl disulfide suppresses proliferation and induces apoptosis in human gastric cancer through Wnt-1 signaling pathway by up-regulation of miR-200b and miR-22. Cancer Letters, 2013, 340, 72-81.	7.2	109
8	High-level Relatedness among <i>Mycobacterium abscessus</i> subsp. <i>massiliense</i> Strains from Widely Separated Outbreaks. Emerging Infectious Diseases, 2014, 20, 364-371.	4.3	108
9	Tomato yellow leaf curl virus alters the host preferences of its vector Bemisia tabaci. Scientific Reports, 2013, 3, 2876.	3.3	93
10	Insect symbiont facilitates vector acquisition, retention and transmission of plant virus. Scientific Reports, 2013, 3, 1367.	3.3	82
11	Pyrosequencing the Bemisia tabaci Transcriptome Reveals a Highly Diverse Bacterial Community and a Robust System for Insecticide Resistance. PLoS ONE, 2012, 7, e35181.	2.5	67
12	Symbiont-mediated functions in insect hosts. Communicative and Integrative Biology, 2013, 6, e23804.	1.4	65
13	Manipulation of Host Quality and Defense by a Plant Virus Improves Performance of Whitefly Vectors. Journal of Economic Entomology, 2015, 108, 11-19.	1.8	63
14	Synthetic antimicrobial and LPS-neutralising peptides suppress inflammatory and immune responses in skin cells and promote keratinocyte migration. Scientific Reports, 2016, 6, 31577.	3.3	59
15	Cryptanalysis of a multi-party quantum key agreement protocol with single particles. Quantum Information Processing, 2014, 13, 1651-1657.	2.2	56
16	DADS downregulates the Rac1-ROCK1/PAK1-LIMK1-ADF/cofilin signaling pathway, inhibiting cell migration and invasion. Oncology Reports, 2013, 29, 605-612.	2.6	54
17	A salivary ferritin in the whitefly suppresses plant defenses and facilitates host exploitation. Journal of Experimental Botany, 2019, 70, 3343-3355.	4.8	54
18	<i>Tomato yellow leaf curl virus</i> differentially influences plant defence responses to a vector and a non-vector herbivore. Plant, Cell and Environment, 2016, 39, 597-607.	5.7	53

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19	The Endosymbiont <i>Hamiltonella</i> Increases the Growth Rate of Its Host <i>Bemisia tabaci</i> during Periods of Nutritional Stress. <i>PLoS ONE</i> , 2014, 9, e89002.	2.5	52
20	Facultative Symbiont <i>Hamiltonella</i> Confers Benefits to <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae), an Invasive Agricultural Pest Worldwide. <i>Environmental Entomology</i> , 2013, 42, 1265-1271.	1.4	43
21	Recognition of <i>Propionibacterium acnes</i> by human TLR2 heterodimers. <i>International Journal of Medical Microbiology</i> , 2017, 307, 108-112.	3.6	43
22	Whitefly aggregation on tomato is mediated by feeding-induced changes in plant metabolites that influence the behaviour and performance of conspecifics. <i>Functional Ecology</i> , 2018, 32, 1180-1193.	3.6	43
23	Effect of plant secondary metabolites on common cutworm, <i>Spodoptera litura</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT / Over	1.1	39
24	Overexpression of integrin-linked kinase (ILK) promotes migration and invasion of colorectal cancer cells by inducing epithelial-mesenchymal transition via NF- κ B signaling. <i>Acta Histochemica</i> , 2014, 116, 527-533.	1.8	37
25	Odor, Not Performance, Dictates <i>Bemisia tabaci</i> 's Selection between Healthy and Virus Infected Plants. <i>Frontiers in Physiology</i> , 2017, 8, 146.	2.8	33
26	Direct and indirect plant defenses induced by (Z)-3-hexenol in tomato against whitefly attack. <i>Journal of Pest Science</i> , 2020, 93, 1243-1254.	3.7	30
27	Location of Symbionts in the Whitefly <i>Bemisia tabaci</i> Affects Their Densities during Host Development and Environmental Stress. <i>PLoS ONE</i> , 2014, 9, e91802.	2.5	26
28	Pharmacokinetics, bioavailability and metabolism of rhaponticin in rat plasma by UHPLC-Q-TOF/MS and UHPLC-DAD-MS. <i>Bioanalysis</i> , 2012, 4, 713-723.	1.5	24
29	Effects of Heat Shock on the <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <i>Journal of Economic Entomology</i> , 2017, 110, 1630-1638.	1.8	24
30	The function of BTG3 in colorectal cancer cells and its possible signaling pathway. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 295-308.	2.5	23
31	Tomato Plant Flavonoids Increase Whitefly Resistance and Reduce Spread of Tomato yellow leaf curl virus. <i>Journal of Economic Entomology</i> , 2019, 112, 2790-2796.	1.8	23
32	Genomic Insights into the Emerging Human Pathogen <i>Mycobacterium massiliense</i> . <i>Journal of Bacteriology</i> , 2012, 194, 5450-5450.	2.2	22
33	Effects of Pre-Diapause Temperature and Body Weight on the Diapause Intensity of the Overwintering Generation of <i>Bactrocera minax</i> (Diptera: Tephritidae). <i>Journal of Insect Science</i> , 2020, 20, .	1.5	22
34	Cobalt Phenanthroline-Indole Macrocycles as Highly Active Electrocatalysts for Oxygen Reduction. <i>Chemistry - A European Journal</i> , 2014, 20, 14178-14183.	3.3	21
35	Defence priming in tomato by the green leaf volatile (Z)-3-hexenol reduces whitefly transmission of a plant virus. <i>Plant, Cell and Environment</i> , 2020, 43, 2797-2811.	5.7	21
36	Implication of heat-shock protein 70 and UDP-glucuronosyltransferase in thiamethoxam-induced whitefly <i>Bemisia tabaci</i> thermotolerance. <i>Journal of Pest Science</i> , 2018, 91, 469-478.	3.7	20

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37	Control of <i>Bradysia odoriphaga</i> (Diptera: Sciaridae) by soil solarization. <i>Crop Protection</i> , 2018, 114, 76-82.	2.1	19
38	Identification and the potential roles of long non-coding RNAs in cotton leaves damaged by <i>Aphis gossypii</i> . <i>Plant Growth Regulation</i> , 2019, 88, 215-225.	3.4	17
39	Electrophysiological and behavioral responses of <i>Bradysia odoriphaga</i> (Diptera: Sciaridae) to volatiles from its Host Plant, Chinese Chives (<i>Allium tuberosum</i> Rottler ex Spreng). <i>Journal of Economic Entomology</i> , 2019, 112, 1638-1644.	1.8	17
40	Glucocorticoids and Toll-like receptor 2 cooperatively induce acute-phase serum amyloid A. <i>Pharmacological Research</i> , 2018, 128, 145-152.	7.1	14
41	Amino Acid Utilization May Explain Why <i>Bemisia tabaci</i> Q and B Differ in Their Performance on Plants Infected by the Tomato yellow leaf curl virus. <i>Frontiers in Physiology</i> , 2019, 10, 489.	2.8	14
42	A non-vector herbivore indirectly increases the transmission of a vector-borne virus by reducing plant chemical defences. <i>Functional Ecology</i> , 2020, 34, 1091-1101.	3.6	14
43	Relative amount of symbionts in <i>Bemisia tabaci</i> (Gennadius) Q changes with host plant and establishing the method of analyzing free amino acid in <i>B. tabaci</i> . <i>Communicative and Integrative Biology</i> , 2013, 6, e23397.	1.4	13
44	Molecular characterization and functional analysis of the Halloween genes and CYP18A1 in <i>Bemisia tabaci</i> MED. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104602.	3.6	13
45	Genome-Wide Identification and Analysis of Chitinase-Like Gene Family in <i>Bemisia tabaci</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	11
46	Characterization of Field-Evolved Resistance to Afidopyropen, a Novel Insecticidal Toxin Developed from Microbial Secondary Metabolites, in <i>Bemisia tabaci</i> . <i>Toxins</i> , 2022, 14, 453.	3.4	11
47	Draft Genome Sequence of <i>Mortierella alpina</i> Isolate CDC-B6842. <i>Genome Announcements</i> , 2014, 2, .	0.8	10
48	Cell type-specific regulatory effects of glucocorticoids on cutaneous TLR2 expression and signalling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 201-208.	2.5	10
49	Plant flavonoids enhance the tolerance to thiamethoxam and flupyradifurone in whitefly <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>Pesticide Biochemistry and Physiology</i> , 2021, 171, 104744.	3.6	10
50	Natal Host Plants Can Alter Herbivore Competition. <i>PLoS ONE</i> , 2016, 11, e0169142.	2.5	8
51	Persistently Transmitted Viruses Restrict the Transmission of Other Viruses by Affecting Their Vectors. <i>Frontiers in Physiology</i> , 2018, 9, 1261.	2.8	8
52	Pesticide Resistance and Related Mutation Frequencies of <i>Tetranychus urticae</i> in Hainan, China. <i>Horticulturae</i> , 2022, 8, 590.	2.8	6
53	Sexual dimorphism of antenna of the scale insect <i>Drosicha corpulenta</i> (Kuwana) (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	4
54	Comparative transcriptome analysis of differentially expressed genes in <i>Bradysia odoriphaga</i> Yang et Zhang (Diptera: Sciaridae) at different acute stress temperatures. <i>Genomics</i> , 2020, 112, 3739-3750.	2.9	4

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55	Flavonoid-producing tomato plants have a direct negative effect on the zoophytophagous biological control agent <i>Orius sauteri</i> . <i>Insect Science</i> , 0, , .	3.0	4