

Yu-Shin Nai

List of Publications by Year in descending order

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45
papers

482
citations

687363

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all docs

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docs citations

46
times ranked

584
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#	ARTICLE	IF	CITATIONS
1	<i>Tenebrio molitor</i> Gram-negative binding protein 3 (<i>TmGNBP3</i>) is essential for inducing downstream antifungal <i>Tenecin 1</i> gene expression against infection with <i>Beauveria bassiana</i> JEF-007. <i>Insect Science</i> , 2018, 25, 969-977.	3.0	36
2	Mechanistic insight into the attenuation of gouty inflammation by Taiwanese green propolis via inhibition of the NLRP3 inflammasome. <i>Journal of Cellular Physiology</i> , 2019, 234, 4081-4094.	4.1	34
3	<i>Tenebrio molitor</i> -mediated entomopathogenic fungal library construction for pest management. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 196-204.	0.9	33
4	Genomic sequencing and analyses of <i>Lymantria xyli</i> multiple nucleopolyhedrovirus. <i>BMC Genomics</i> , 2010, 11, 116.	2.8	29
5	Diversity of Fungal DNA Methyltransferases and Their Association With DNA Methylation Patterns. <i>Frontiers in Microbiology</i> , 2020, 11, 616922.	3.5	25
6	Novel inspection of sugar residue and origin in honey based on the ¹³ C/ ¹² C isotopic ratio and protein content. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 175-183.	1.9	23
7	Biological control of Asian tiger mosquito, <i>Aedes albopictus</i> (Diptera: Culicidae) using <i>Metarhizium anisopliae</i> JEF-003 millet grain. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 217-221.	0.9	22
8	Up-regulation of carbon metabolism-related glyoxylate cycle and toxin production in <i>Beauveria bassiana</i> JEF-007 during infection of bean bug, <i>Riptortus pedestris</i> (Hemiptera: Alydidae). <i>Fungal Biology</i> , 2016, 120, 1236-1248.	2.5	22
9	A new microsporidium, <i>Triwangia caridinae</i> gen. nov., sp. nov. parasitizing fresh water shrimp, <i>Caridina formosae</i> (Decapoda: Atyidae) in Taiwan. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 281-293.	3.2	21
10	The impact of pyriproxyfen on the development of honey bee (<i>Apis mellifera</i> L.) colony in field. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 589-594.	0.9	21
11	Genomic Analysis of the Insect-Killing Fungus <i>Beauveria bassiana</i> JEF-007 as a Biopesticide. <i>Scientific Reports</i> , 2018, 8, 12388.	3.3	18
12	Construction and Selection of an Entomopathogenic Fungal Library From Soil Samples for Controlling <i>Spodoptera litura</i> . <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	16
13	Revealing Pesticide Residues Under High Pesticide Stress in Taiwan's Agricultural Environment Probed by Fresh Honey Bee (Hymenoptera: Apidae) Pollen. <i>Journal of Economic Entomology</i> , 2017, 110, 1947-1958.	1.8	14
14	Downstream processing of <i>Beauveria bassiana</i> and <i>Metarhizium anisopliae</i> -based fungal biopesticides against <i>Riptortus pedestris</i> : solid culture and delivery of conidia. <i>Biocontrol Science and Technology</i> , 2019, 29, 514-532.	1.3	14
15	A novel picorna-like virus, <i>Riptortus pedestris</i> virus-1 (RiPV-1), found in the bean bug, <i>R. pedestris</i> , after fungal infection. <i>Journal of Invertebrate Pathology</i> , 2016, 141, 57-65.	3.2	13
16	<i>Beauveria bassiana</i> sensu lato granules for management of brown planthopper, <i>Nilaparvata lugens</i> in rice. <i>BioControl</i> , 2015, 60, 263-270.	2.0	12
17	Characterization of T-DNA insertion mutants with decreased virulence in the entomopathogenic fungus <i>Beauveria bassiana</i> JEF-007. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8889-8900.	3.6	12
18	A new spiroplasma isolate from the field cricket (<i>Gryllus bimaculatus</i>) in Taiwan. <i>Journal of Invertebrate Pathology</i> , 2014, 120, 4-8.	3.2	11

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19	Transcriptional response of bean bug (<i>Riptortus pedestris</i>) upon infection with entomopathogenic fungus, <i>Beauveria bassiana</i> JEF-007. <i>Pest Management Science</i> , 2019, 75, 333-345.	3.4	11
20	A new nucleopolyhedrovirus strain (LdMNPV-like virus) with a defective fp25 gene from <i>Lymantria xyli</i> (Lepidoptera: Lymantriidae) in Taiwan. <i>Journal of Invertebrate Pathology</i> , 2009, 102, 110-119.	3.2	9
21	The seasonal detection of AcSBV (<i>Apis cerana</i> sacbrood virus) prevalence in Taiwan. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 417-422.	0.9	8
22	Relationship between expression level of hygromycin B-resistant gene and <i>Agrobacterium tumefaciens</i> -mediated transformation efficiency in <i>Beauveria bassiana</i> JEF-007. <i>Journal of Applied Microbiology</i> , 2017, 123, 724-731.	3.1	7
23	Genomic Sequencing and Comparison of Sacbrood Viruses from <i>Apis cerana</i> and <i>Apis mellifera</i> in Taiwan. <i>Pathogens</i> , 2021, 10, 14.	2.8	7
24	Expression of egfp gene based on <i>Agrobacterium tumefaciens</i> -mediated transformation in <i>Beauveria bassiana</i> sensu lato ERL836. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 677-681.	0.9	6
25	Evaluating the Effect of Environmental Chemicals on Honey Bee Development from the Individual to Colony Level. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	6
26	Dynamics of <i>Apis cerana</i> Sacbrood Virus (AcSBV) Prevalence in <i>Apis cerana</i> (Hymenoptera: Apidae) in Northern Taiwan and Demonstration of its Infection in <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Journal of Economic Entomology</i> , 2019, 112, 2055-2066.	1.8	6
27	Genomic sequencing of <i>Troides aeacus</i> nucleopolyhedrovirus (TraeNPV) from golden birdwing larvae (<i>Troides aeacus formosanus</i>) to reveal defective <i>Autographa californica</i> NPV genomic features. <i>BMC Genomics</i> , 2019, 20, 419.	2.8	5
28	<i>Aedia leucomelas</i> (Lepidoptera: Noctuidae) pathogenic <i>Entomophaga aulicae</i> (Zygomycetes: Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	0.9	4
29	Deformed Wing Virus in Two Widespread Invasive Ants: Geographical Distribution, Prevalence, and Phylogeny. <i>Viruses</i> , 2020, 12, 1309.	3.3	4
30	Complete Genome Sequence of a Novel Putative RNA Virus, RiPV-2, from the Bean Bug <i>Riptortus pedestris</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
31	Transcriptome-level assessment of the impact of deformed wing virus on honey bee larvae. <i>Scientific Reports</i> , 2021, 11, 15028.	3.3	4
32	Baculoviral IAP2 and IAP3 encoded by <i>Lymantria xyli</i> multiple nucleopolyhedrovirus (LyxyMNPV) suppress insect cell apoptosis in a transient expression assay. <i>Applied Entomology and Zoology</i> , 2016, 51, 305-316.	1.2	3
33	A Newly Designed EGFP-2A Peptide Monocistronic Baculoviral Vector for Concatenating the Expression of Recombinant Proteins in Insect Cells. <i>Processes</i> , 2019, 7, 291.	2.8	3
34	Screening of Differentially Expressed Microsporidia Genes from <i>Nosema ceranae</i> Infected Honey Bees by Suppression Subtractive Hybridization. <i>Insects</i> , 2020, 11, 199.	2.2	3
35	Sacbrood viruses cross-infection between <i>Apis cerana</i> and <i>Apis mellifera</i> : Rapid detection, viral dynamics, evolution and spillover risk assessment. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107687.	3.2	3
36	Management of entomopathogenic fungi in cultures of <i>Ctenocephalides f. felis</i> (Insecta: Siphonaptera: Ctenocephalidae). <i>Entomological Research</i> , 2014, 44, 236-243.	1.1	2

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37	Characterization and functional assay of apsup (Lyxy105) from <i>Lymantria xylyna</i> multiple nucleopolyhedrovirus (LyxyMNPV). <i>Virus Genes</i> , 2018, 54, 578-586.	1.6	2
38	Comparison of gut microbiota of healthy and diseased walking sticks, <i>Phasmotaenia lanyuhensis</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 105, e21749.	1.5	2
39	Low-Level Fluvalinate Treatment in the Larval Stage Induces Impaired Olfactory Associative Behavior of Honey Bee Workers in the Field. <i>Insects</i> , 2022, 13, 273.	2.2	2
40	A Novel Application of 3D Printing Technology Facilitating Shell Wound Healing of Freshwater Turtle. <i>Animals</i> , 2022, 12, 966.	2.3	2
41	T Oligo-Primed Polymerase Chain Reaction (TOP-PCR): A Robust Method for the Amplification of Minute DNA Fragments in Body Fluids. <i>Scientific Reports</i> , 2017, 7, 40767.	3.3	1
42	Determination of Nucleopolyhedrovirus™ Taxonomic Position. , 2017, , .		1
43	Transient Expression of Foreign Genes in Insect Cells (sf9) for Protein Functional Assay. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
44	Persistent PnV (<i>Perina nuda</i> virus) infection in a heterologous <i>Lymantria xylyna</i> cell line, NTU-LY. <i>Biocontrol Science and Technology</i> , 2020, 30, 929-940.	1.3	0
45	The complete mitochondrial genome of <i>Attacus atlas formosanus</i> Villiard, 1969 (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	0