

How-Jing Lee

List of Publications by Year in descending order

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40
papers

829
citations

516710

16
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501196

28
g-index

41
all docs

41
docs citations

41
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptochrome 2 mediates directional magnetoreception in cockroaches. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1660-1665.	7.1	96
2	Proteome mining for novel IgE-binding proteins from the German cockroach (<i>Blattella germanica</i>). <i>Journal of Proteomics</i> , 2010, 13, 1507-1517.	2.2	81
3	Oral delivery of dsRNA lipoplexes to German cockroach protects dsRNA from degradation and induces RNAi response. <i>Pest Management Science</i> , 2017, 73, 960-966.	3.4	69
4	Circadian control of permethrin-resistance in the mosquito <i>Aedes aegypti</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 1219-1223.	2.0	40
5	Mapping the cellular network of the circadian clock in two cockroach species. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 68, 215-231.	1.5	39
6	RNA interference unveils functions of the hypertrehalosemic hormone on cyclic fluctuation of hemolymph trehalose and oviposition in the virgin female <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 858-864.	2.0	39
7	Pigment Dispersing Factor: An Output Regulator of the Circadian Clock in the German Cockroach. <i>Journal of Biological Rhythms</i> , 2009, 24, 35-43.	2.6	38
8	Mating effects on the feeding and locomotion of the German cockroach, <i>Blattella germanica</i> . <i>Physiological Entomology</i> , 1994, 19, 39-45.	1.5	35
9	Parallel control mechanisms underlying locomotor activity and sexual receptivity of the female German cockroach, <i>Blattella germanica</i> (L.). <i>Journal of Insect Physiology</i> , 1998, 44, 1039-1051.	2.0	33
10	Super-induction of Dicer-2 expression by alien double-stranded RNAs: an evolutionary ancient response to viral infection?. <i>Development Genes and Evolution</i> , 2012, 222, 229-235.	0.9	32
11	Specific dynamic action, apparent assimilation efficiency, and digestive rate in an arboreal pitviper, <i>Trimeresurus stejnegeri stejnegeri</i> . <i>Canadian Journal of Zoology</i> , 2008, 86, 1139-1151.	1.0	24
12	Adipokinetic hormone counteracts oxidative stress elicited in insects by hydrogen peroxide: <i>in vivo</i> and <i>in vitro</i> study. <i>Physiological Entomology</i> , 2013, 38, 54-62.	1.5	22
13	The Mating Strategy of the Male Short-tailed Cricket <i>Anurogryllus muticus</i> de Geer. <i>Ethology</i> , 1993, 95, 327-344.	1.1	21
14	Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach <i>Blattella germanica</i> . <i>Frontiers in Endocrinology</i> , 2011, 2, 114.	3.5	21
15	Distribution of corazonin and pigment-dispersing factor in the cephalic ganglia of termites. <i>Arthropod Structure and Development</i> , 2008, 37, 273-286.	1.4	20
16	Characterization and expression analysis of adipokinetic hormone and its receptor in eusocial aphid <i>Pseudoregma bambucicola</i> . <i>General and Comparative Endocrinology</i> , 2015, 223, 38-46.	1.8	18
17	The Expression of Locomotor Circadian Rhythm in Female German Cockroach, <i>Blattella Germanica</i> (L.). <i>Chronobiology International</i> , 1996, 13, 81-91.	2.0	17
18	Circadian regulation of permethrin susceptibility by glutathione S-transferase (BgGSTD1) in the German cockroach (<i>Blattella germanica</i>). <i>Journal of Insect Physiology</i> , 2014, 65, 45-50.	2.0	17

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19	THE PERIOD GENE OF THE GERMAN COCKROACH AND ITS NOVEL LINKING POWER BETWEEN VERTEBRATE AND INVERTEBRATE. <i>Chronobiology International</i> , 2002, 19, 1023-1040.	2.0	15
20	Multiple factors conferring high radioresistance in insect Sf9 cells. <i>Mutagenesis</i> , 2009, 24, 259-269.	2.6	14
21	Termite Assemblage Pattern and Niche Partitioning in a Tropical Forest Ecosystem. <i>Environmental Entomology</i> , 2015, 44, 546-556.	1.4	14
22	Analysis of Specific Adaptation to a Domicile Habitat: A Comparative Study of Two Closely Related Cockroach Species. <i>Journal of Medical Entomology</i> , 2001, 38, 245-252.	1.8	13
23	Circadian locomotor rhythm masked by the female reproduction cycle in cockroaches. <i>Physiological Entomology</i> , 2000, 25, 63-73.	1.5	12
24	Practical Use of RNA Interference: Oral Delivery of Double-stranded RNA in Liposome Carriers for Cockroaches. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	11
25	Influence of age and environmental factors on burrow-making behavior of the short-tailed cricket, <i>Anurogryllus muticus</i> (De Geer) (Orthoptera: Gryllidae). <i>Journal of Insect Behavior</i> , 1996, 9, 819-834.	0.7	10
26	Inconsistency in the expression of locomotor and ERG circadian rhythms in the German cockroach, <i>Blattella germanica</i> (L.). <i>Archives of Insect Biochemistry and Physiology</i> , 2001, 48, 155-166.	1.5	9
27	Expression of stress-related genes in the parthenogenetic forms of the pea aphid, <i>Acyrtosiphon pisum</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 180, 32-37.	1.8	9
28	Bioenergetic modeling reveals that Chinese green tree vipers select postprandial temperatures in laboratory thermal gradients that maximize net energy intake. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, 394-400.	1.8	8
29	Timing regulation in insect reproduction. <i>Invertebrate Reproduction and Development</i> , 2005, 48, 185-196.	0.8	7
30	Corazonin- and PDF-immunoreactivities in the cephalic ganglia of termites. <i>Journal of Insect Physiology</i> , 2009, 55, 441-449.	2.0	7
31	Development of the circadian clock in the German cockroach, <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 469-478.	2.0	7
32	Beyond fecundity and longevity: trade-offs between reproduction and survival mediated by behavioural responses of the seed beetle, <i>Callosobruchus maculatus</i> . <i>Physiological Entomology</i> , 2005, 30, 050930084535008-???	1.5	6
33	Unequal coupling between locomotor pacemakers of the German cockroach, <i>Blattella germanica</i> (L.). <i>Journal of Insect Physiology</i> , 2000, 46, 89-97.	2.0	5
34	ADJUSTABILITY OF THE CIRCADIAN CLOCK IN THE COCKROACHES: A COMPARATIVE STUDY OF TWO CLOSELY RELATED SPECIES, <i>BLATTELLA GERMANICA</i> AND <i>BLATTELLA BISIGNATA</i> . <i>Chronobiology International</i> , 2001, 18, 767-780.	2.0	5
35	Computing circadian rhythmic patterns and beyond: introduction to a new non-Fourier analysis. <i>Computational Statistics</i> , 2009, 24, 409-430.	1.5	5
36	Statistical Computations on Biological Rhythms I: Dissecting Variable Cycles and Computing Signature Phases in Activity-Event Time Series. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 221-239.	1.7	5

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37	Modeling population dynamics of two cockroach species: Effects of the circadian clock, interspecific competition and pest control. <i>Journal of Theoretical Biology</i> , 2007, 249, 473-486.	1.7	3
38	Motoneuron reinnervation of phasic uropod muscles in crayfish. <i>Developmental Brain Research</i> , 1995, 87, 179-187.	1.7	1
39	Preface: Insect science in Taiwan. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 68, 181-185.	1.5	0
40	Adaptation of the cockroach <i>Blattella germanica</i> to human habitats: circadian and noncircadian factors. <i>Physiological Entomology</i> , 2016, 41, 307-312.	1.5	0