Le Kang

List of Publications by Year
in descending order

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230 papers	9,278 citations	41344 49 h-index	54911 84 g-index
244 all docs	244 docs citations	244 times ranked	8195 citing authors

#	Article	IF	Citations
1	Genomic and transcriptomic analysis unveils population evolution and development of pesticide resistance in fall armyworm Spodoptera frugiperda. Protein and Cell, 2022, 13, 513-531.	11.0	72
2	The nucleocapsid protein of rice stripe virus in cell nuclei of vector insect regulates viral replication. Protein and Cell, 2022, 13, 360-378.	11.0	12
3	A novel nonâ€invasive identification of genome editing mutants from insect exuviae. Insect Science, 2022, 29, 21-32.	3.0	2
4	Sulfation modification of dopamine in brain regulates aggregative behavior of animals. National Science Review, 2022, 9, nwab163.	9.5	4
5	A <i>Gypsy</i> element contributes to the nuclear retention and transcriptional regulation of the resident lncRNA in locusts. RNA Biology, 2022, 19, 206-220.	3.1	4
6	Piwi/piRNAs control food intake by promoting neuropeptide F expression in locusts. EMBO Reports, 2022, 23, e50851.	4.5	7
7	Variation of TNF modulates cellular immunity of gregarious and solitary locusts against fungal pathogen <i>Metarhizium anisopliae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
8	Hexamerin-2 Protein of Locust as a Novel Allergen in Occupational Allergy. Journal of Asthma and Allergy, 2022, Volume 15, 145-155.	3.4	5
9	Locust density shapes energy metabolism and oxidative stress resulting in divergence of flight traits. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	25
10	Janus Kinase Mediates Faster Recovery From Sevoflurane Anesthesia Than Isoflurane Anesthesia in the Migratory Locusts. Frontiers in Physiology, 2022, 13, 806746.	2.8	0
11	Aggregation pheromone 4-vinylanisole promotes the synchrony of sexual maturation in female locusts. ELife, 2022, 11, .	6.0	10
12	Noninvasive examination of the cardiac properties of insect embryos enabled by optical coherence tomography. Journal of Biophotonics, 2022, , e202100308.	2.3	0
13	piRNA-guided intron removal from pre-mRNAs regulates density-dependent reproductive strategy. Cell Reports, 2022, 39, 110593.	6.4	4
14	Characterization of proteinâ€“protein interactions between rice viruses and vector insects. Insect Science, 2021, 28, 976-986.	3.0	9
15	Transformation of glycerate kinase (<scp>GLYK</scp>) into <i>Metarhizium acridum</i> increases virulence to locust. Pest Management Science, 2021, 77, 1465-1475.	3.4	2
16	Phase-related differences in egg production of the migratory locust regulated by differential oosorption through microRNA-34 targeting activinÎ². PLoS Genetics, 2021, 17, e1009174.	3.5	7
17	Interactive effect of photoperiod and temperature on the induction and termination of embryonic diapause in the migratory locust. Pest Management Science, 2021, 77, 2854-2862.	3.4	24
18	Coordination between terminal variation of the viral genome and insect microRNAs regulates rice stripe virus replication in insect vectors. PLoS Pathogens, 2021, 17, e1009424.	4.7	8

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19	Transcription initiation of distant core promoters in a large-sized genome of an insect. BMC Biology, 2021, 19, 62.	3.8	3
20	Aging features of the migratory locust at physiological and transcriptional levels. BMC Genomics, 2021, 22, 257.	2.8	5
21	Neuropeptide ACP facilitates lipid oxidation and utilization during long-term flight in locusts. ELife, 2021, 10, .	6.0	19
22	On the origin of SARS-CoV-2â€"The blind watchmaker argument. Science China Life Sciences, 2021, 64, 1560-1563.	4.9	18
23	Effects of Soil Temperature and Moisture on the Development and Survival of Grasshopper Eggs in Inner Mongolian Grasslands. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	9
24	Complete Genome Sequence of Weissella confusa LM1 and Comparative Genomic Analysis. Frontiers in Microbiology, 2021, 12, 749218.	3.5	6
25	FAWMine: An integrated database and analysis platform for fall armyworm genomics. Insect Science, 2021, 28, 590-601.	3.0	5
26	Feeding of pea leafminer larvae simultaneously activates jasmonic and salicylic acid pathways in plants to release a terpenoid for indirect defense. Insect Science, 2021, 28, 811-824.	3.0	13
27	Embryonic Development of Grasshopper Populations Along Latitudinal Gradients Reveal Differential Thermoaccumulation for Adaptation to Climate Warming. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	1
28	Alternative splicing level related to intron size and organism complexity. BMC Genomics, 2021, 22, 853.	2.8	8
29	JumpDetector: An automated monitoring equipment for the locomotion of jumping insects. Insect Science, 2020, 27, 613-624.	3.0	4
30	A Symbiotic Virus Facilitates Aphid Adaptation to Host Plants by Suppressing Jasmonic Acid Responses. Molecular Plant-Microbe Interactions, 2020, 33, 55-65.	2.6	20
31	Optical coherence tomography as a noninvasive 3D real time imaging tool for the rapid evaluation of phenotypic variations in insect embryonic development. Journal of Biophotonics, 2020, 13, e201960047.	2.3	2
32	Special Significance of Non-Drosophila Insects in Aging. Frontiers in Cell and Developmental Biology, 2020, 8, 576571.	3.7	8
33	The fate of triclocarban in activated sludge and its influence on biological wastewater treatment system. Journal of Environmental Management, 2020, 276, 111237.	7.8	9
34	Mosquito Diversity and Population Genetic Structure of Six Mosquito Species From Hainan Island. Frontiers in Genetics, 2020, 11, 602863.	2.3	14
35	Effect of influent feeding pattern on municipal tailwater treatment during a sulfur-based denitrification constructed wetland. Bioresource Technology, 2020, 315, 123807.	9.6	27
36	4-Vinylanisole is an aggregation pheromone in locusts. Nature, 2020, 584, 584-588.	27.8	117

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37	Long Non-coding RNA Derived from lncRNAâ€"mRNA Co-expression Networks Modulates the Locust Phase Change. Genomics, Proteomics and Bioinformatics, 2020, 18, 664-678.	6.9	12
38	A Plant Virus Ensures Viral Stability in the Hemolymph of Vector Insects through Suppressing Prophenoloxidase Activation. MBio, 2020, 11, .	4.1	18
39	Regulatory Mechanisms of Cell Polyploidy in Insects. Frontiers in Cell and Developmental Biology, 2020, 8, 361.	3.7	19
40	Juvenile hormone suppresses aggregation behavior through influencing antennal gene expression in locusts. PLoS Genetics, 2020, 16, e1008762.	3.5	21
41	Long noncoding RNA PAHAL modulates locust behavioural plasticity through the feedback regulation of dopamine biosynthesis. PLoS Genetics, 2020, 16, e1008771.	3.5	20
42	Tryptamine accumulation caused by deletion of MrMao-1ÂinÂMetarhiziumÂgenome significantly enhances insecticidal virulence. PLoS Genetics, 2020, 16, e1008675.	3.5	20
43	DNA methyltransferase 3 participates in behavioral phase change in the migratory locust. Insect Biochemistry and Molecular Biology, 2020, 121, 103374.	2.7	5
44	Title is missing!. , 2020, 16, e1008675.		0
45	Title is missing!. , 2020, 16, e1008675.		0
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49	Title is missing!. , 2020, 16, e1008675.		0
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55	Title is missing!. , 2020, 16, e1008771.		0
56	Genomic data reveal high conservation but divergent evolutionary pattern of Polycomb/Trithorax group genes in arthropods. Insect Science, 2019, 26, 20-34.	3.0	11
57	Core transcriptional signatures of phase change in the migratory locust. Protein and Cell, 2019, 10, 883-901.	11.0	28
58	Structural and functional differentiation of a fat body-like tissue adhering to testis follicles facilitates spermatogenesis in locusts. Insect Biochemistry and Molecular Biology, 2019, 113, 103207.	2.7	1
59	Phenylacetonitrile in locusts facilitates an antipredator defense by acting as an olfactory aposematic signal and cyanide precursor. Science Advances, 2019, 5, eaav5495.	10.3	40
60	CREB-B acts as a key mediator of NPF/NO pathway involved in phase-related locomotor plasticity in locusts. PLoS Genetics, 2019, 15, e1008176.	3.5	17
61	Long-read direct RNA sequencing by 5â€™-Cap capturing reveals the impact of Piwi on the widespread exonization of transposable elements in locusts. RNA Biology, 2019, 16, 950-959.	3.1	42
62	Overview: biotic signalling for smart pest management. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180306.	4.0	8
63	Armet, an aphid effector protein, induces pathogen resistance in plants by promoting the accumulation of salicylic acid. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180314.	4.0	45
64	Female adult puncture-induced plant volatiles promote mating success of the pea leafminer via enhancing vibrational signals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180318.	4.0	12
65	Sexual cooperation relies on food controlled by females in agromyzid flies. Animal Behaviour, 2019, 149, 55-63.	1.9	3
66	Pea leafminerLiriomyza huidobrensis(Diptera: Agromyzidae) uses vibrational duets for efficient sexual communication. Insect Science, 2019, 26, 510-522.	3.0	10
67	A Î²-carotene-binding protein carrying a red pigment regulates body-color transition between green and black in locusts. ELife, 2019, 8, .	6.0	31
68	Genetic variation in PTPN1 contributes to metabolic adaptation to high-altitude hypoxia in Tibetan migratory locusts. Nature Communications, 2018, 9, 4991.	12.8	50
69	CRISPR/Cas9-mediated genome editing induces exon skipping by complete or stochastic altering splicing in the migratory locust. BMC Biotechnology, 2018, 18, 60.	3.3	27
70	Dop1 enhances conspecific olfactory attraction by inhibiting miR-9a maturation in locusts. Nature Communications, 2018, 9, 1193.	12.8	48
71	Identification of Odorant-Binding Proteins (OBPs) and Functional Analysis of Phase-Related OBPs in the Migratory Locust. Frontiers in Physiology, 2018, 9, 984.	2.8	31
72	Genomic variations in the 3â€²â€termini of <i>Rice stripe virus</i> in the rotation between vector insect and host plant. New Phytologist, 2018, 219, 1085-1096.	7.3	19

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73	Evolution of heatâ€shock protein expression underlying adaptive responses to environmental stress. Molecular Ecology, 2018, 27, 3040-3054.	3.9	148
74	Largeâ€scale gene expression reveals different adaptations of <i>Hyalopterus persikonus</i> to winter and summer host plants. Insect Science, 2017, 24, 431-442.	3.0	12
75	Viral effector protein manipulates host hormone signaling to attract insect vectors. Cell Research, 2017, 27, 402-415.	12.0	115
76	An isoform of Taiman that contains a PRD-repeat motif is indispensable for transducing the vitellogenic juvenile hormone signal in Locusta migratoria. Insect Biochemistry and Molecular Biology, 2017, 82, 31-40.	2.7	35
77	Identification, expression pattern, and feature analysis of cuticular protein genes in the pine moth Dendrolimus punctatus (Lepidoptera: Lasiocampidae). Insect Biochemistry and Molecular Biology, 2017, 83, 94-106.	2.7	46
78	Comparative genomic analysis of SET domain family reveals the origin, expansion, and putative function of the arthropod-specific SmydA genes as histone modifiers in insects. GigaScience, 2017, 6, 1-16.	6.4	19
79	Transposable Element-Mediated Balancing Selection at <i>Hsp90</i> Underlies Embryo Developmental Variation. Molecular Biology and Evolution, 2017, 34, msx062.	8.9	6
80	Juvenile hormone differentially regulates two Grp78 genes encoding protein chaperones required for insect fat body cell homeostasis and vitellogenesis. Journal of Biological Chemistry, 2017, 292, 8823-8834.	3.4	43
81	Manipulation of biotic signaling: a new theory for smarter pest control. Science China Life Sciences, 2017, 60, 781-784.	4.9	3
82	Nutritional imbalance suppresses migratory phenotypes of the Mongolian locust (<i>Oedaleus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	2.4	30
83	Composition and emission dynamics of migratory locust volatiles in response to changes in developmental stages and population density. Insect Science, 2017, 24, 60-72.	3.0	32
84	Genome sequence of the small brown planthopper, Laodelphax striatellus. GigaScience, 2017, 6, 1-12.	6.4	106
85	The c-Jun N-terminal kinase pathway of a vector insect is activated by virus capsid protein and promotes viral replication. ELife, 2017, 6, .	6.0	62
86	Isolation of Rice Stripe Virus Preparation from Viruliferous Small Brown Planthoppers and Mechanic Inoculation on Rice. Bio-protocol, 2017, 7, e2597.	0.4	2
87	The neuropeptide F/nitric oxide pathway is essential for shaping locomotor plasticity underlying locust phase transition. ELife, 2017, 6, .	6.0	36
88	miR-71 and miR-263 Jointly Regulate Target Genes Chitin synthase and Chitinase to Control Locust Molting. PLoS Genetics, 2016, 12, e1006257.	3.5	87
89	Performances of survival, feeding behavior and gene expression in aphids reveal their different fitness to host alteration. Scientific Reports, 2016, 6, 19344.	3.3	22
90	Genome-wide identification and developmental expression profiling of long noncoding RNAs during Drosophila metamorphosis. Scientific Reports, 2016, 6, 23330.	3.3	72

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91	Different pathogenicities of Rice stripe virus from the insect vector and from viruliferous plants. New Phytologist, 2016, 210, 196-207.	7.3	45
92	CRISPR/Cas9 in locusts: Successful establishment of an olfactory deficiency line by targeting the mutagenesis of an odorant receptor co-receptor (Orco). Insect Biochemistry and Molecular Biology, 2016, 79, 27-35.	2.7	119
93	Characteristics and expression patterns of histone-modifying enzyme systems in the migratory locust. Insect Biochemistry and Molecular Biology, 2016, 76, 18-28.	2.7	15
94	Organ-specific transcriptome response of the small brown planthopper toward rice stripe virus. Insect Biochemistry and Molecular Biology, 2016, 70, 60-72.	2.7	43
95	MicroRNA-276 promotes egg-hatching synchrony by up-regulating <i>brm</i> in locusts. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 584-589.	7.1	84
96	Rice Responses and Resistance to Planthopper-Borne Viruses at Transcriptomic and Proteomic Levels. Current Issues in Molecular Biology, 2016, 19, 43-52.	2.4	4
97	Angiotensin-converting enzymes modulate aphidâ€“plant interactions. Scientific Reports, 2015, 5, 8885.	3.3	47
98	Proteomic analysis reveals that COP9 signalosome complex subunit 7A (CSN7A) is essential for the phase transition of migratory locust. Scientific Reports, 2015, 5, 12542.	3.3	23
99	Evidence for the expression of abundant microRNAs in the locust genome. Scientific Reports, 2015, 5, 13608.	3.3	31
100	Two dopamine receptors play different roles in phase change of the migratory locust. Frontiers in Behavioral Neuroscience, 2015, 9, 80.	2.0	39
101	Molecular characterization and expression profiles of neuropeptide precursors in the migratory locust. Insect Biochemistry and Molecular Biology, 2015, 63, 63-71.	2.7	44
102	Armet is an effector protein mediating aphidâ€plant interactions. FASEB Journal, 2015, 29, 2032-2045.	0.5	96
103	Strategies to alleviate poverty and grassland degradation in Inner Mongolia: Intensification vs production efficiency of livestock systems. Journal of Environmental Management, 2015, 152, 177-182.	7.8	106
104	Testing biodiversity-ecosystem functioning relationship in the worldâ€™s largest grassland: overview of the IMGRE project. Landscape Ecology, 2015, 30, 1723-1736.	4.2	30
105	Paternal epigenetic effects of population density on locust phaseâ€related characteristics associated with heatâ€shock protein expression. Molecular Ecology, 2015, 24, 851-862.	3.9	34
106	High expression of a unique aphid protein in the salivary glands of Acyrthosiphon pisum. Physiological and Molecular Plant Pathology, 2015, 92, 175-180.	2.5	8
107	Octopamine and tyramine respectively regulate attractive and repulsive behavior in locust phase changes. Scientific Reports, 2015, 5, 8036.	3.3	65
108	Identification and functional analysis of olfactory receptor family reveal unusual characteristics of the olfactory system in the migratory locust. Cellular and Molecular Life Sciences, 2015, 72, 4429-4443.	5.4	107

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109	Landscape level patterns of grasshopper communities in Inner Mongolia: interactive effects of livestock grazing and a precipitation gradient. Landscape Ecology, 2015, 30, 1657-1668.	4.2	30
110	Syntaxin 1A modulates the sexual maturity rate and progeny egg size related to phase changes in locusts. Insect Biochemistry and Molecular Biology, 2015, 56, 1-8.	2.7	15
111	MicroRNA-133 Inhibits Behavioral Aggregation by Controlling Dopamine Synthesis in Locusts. PLoS Genetics, 2014, 10, e1004206.	3.5	96
112	The locust genome provides insight into swarm formation and long-distance flight. Nature Communications, 2014, 5, 2957.	12.8	437
113	The compact mitochondrial genome of Zorotypus medoensis provides insights into phylogenetic position of Zoraptera. BMC Genomics, 2014, 15, 1156.	2.8	19
114	Molecular Mechanisms of Phase Change in Locusts. Annual Review of Entomology, 2014, 59, 225-244.	11.8	125
115	The mitochondrial genome of the Russian wheat aphid Diuraphis noxia: Large repetitive sequences between trnE and trnF in aphids. Gene, 2014, 533, 253-260.	2.2	40
116	Closely Related NAC Transcription Factors of Tomato Differentially Regulate Stomatal Closure and Reopening during Pathogen Attack Â. Plant Cell, 2014, 26, 3167-3184.	6.6	153
117	Reciprocal crosstalk between jasmonate and salicylate defence-signalling pathways modulates plant volatile emission and herbivore host-selection behaviour. Journal of Experimental Botany, 2014, 65, 3289-3298.	4.8	80
118	Anoxic stress and rapid cold hardening enhance cold tolerance of the migratory locust. Cryobiology, 2014, 69, 243-248.	0.7	8
119	Efficient utilization of aerobic metabolism helps Tibetan locusts conquer hypoxia. BMC Genomics, 2013, 14, 631.	2.8	29
120	Argonaute 1 is indispensable for juvenile hormone mediated oogenesis in the migratory locust, Locusta migratoria. Insect Biochemistry and Molecular Biology, 2013, 43, 879-887.	2.7	39
121	Antagonism between herbivoreâ€induced plant volatiles and trichomes affects tritrophic interactions. Plant, Cell and Environment, 2013, 36, 315-327.	5.7	32
122	MicroRNAâ€dependent development revealed by RNA interferenceâ€mediated gene silencing of <i>LmDicer1</i> in the migratory locust. Insect Science, 2013, 20, 53-60.	3.0	40
123	Altered Immunity in Crowded Locust Reduced Fungal (Metarhizium anisopliae) Pathogenesis. PLoS Pathogens, 2013, 9, e1003102.	4.7	79
124	Serotonin enhances solitariness in phase transition of the migratory locust. Frontiers in Behavioral Neuroscience, 2013, 7, 129.	2.0	36
125	Role of Tomato Lipoxygenase D in Wound-Induced Jasmonate Biosynthesis and Plant Immunity to Insect Herbivores. PLoS Genetics, 2013, 9, e1003964.	3.5	166
126	Functional modulation of mitochondrial cytochrome c oxidase underlies adaptation to high-altitude hypoxia in a Tibetan migratory locust. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122758.	2.6	52

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127	Polymorphism and Methylation of Four Genes Expressed in Salivary Glands of Russian Wheat Aphid (Homoptera: Aphididae). Journal of Economic Entomology, 2012, 105, 232-241.	1.8	11
128	Metabolomic analysis reveals that carnitines are key regulatory metabolites in phase transition of the locusts. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3259-3263.	7.1	89
129	The SID-1 double-stranded RNA transporter is not required for systemic RNAi in the migratory locust. RNA Biology, 2012, 9, 663-671.	3.1	72
130	Identification of conditionâ€specific reference genes from microarray data for locusts exposed to hypobaric hypoxia. FEBS Open Bio, 2012, 2, 235-240.	2.3	11
131	Genome-wide analysis of transcriptional changes in the thoracic muscle of the migratory locust, Locusta migratoria, exposed to hypobaric hypoxia. Journal of Insect Physiology, 2012, 58, 1424-1431.	2.0	14
132	Heavy Livestock Grazing Promotes Locust Outbreaks by Lowering Plant Nitrogen Content. Science, 2012, 335, 467-469.	12.6	180
133	Transcriptome response analysis of Arabidopsis thaliana to leafminer (Liriomyza huidobrensis). BMC Plant Biology, 2012, 12, 234.	3.6	7
134	Large-Scale Transcriptome Analysis of Retroelements in the Migratory Locust, Locusta migratoria. PLoS ONE, 2012, 7, e40532.	2.5	30
135	CHARACTERIZATION OF GLUCOSEâ€INDUCED GLUCOSE OXIDASE GENE AND PROTEIN EXPRESSION IN <i><scp>H</scp>elicoverpa armigera</i> LARVAE. Archives of Insect Biochemistry and Physiology, 2012, 79, 104-119.	1.5	12
136	Parental phase status affects the cold hardiness of progeny eggs in locusts. Functional Ecology, 2012, 26, 379-389.	3.6	16
137	Mitochondrial genomes reveal the global phylogeography and dispersal routes of the migratory locust. Molecular Ecology, 2012, 21, 4344-4358.	3.9	171
138	Transcriptional Analysis of Arabidopsis thaliana Response to Lima Bean Volatiles. PLoS ONE, 2012, 7, e35867.	2.5	16
139	Elevated CO2 Reduces the Resistance and Tolerance of Tomato Plants to Helicoverpa armigera by Suppressing the JA Signaling Pathway. PLoS ONE, 2012, 7, e41426.	2.5	49
140	Specificity Responses of Grasshoppers in Temperate Grasslands to Diel Asymmetric Warming. PLoS ONE, 2012, 7, e41764.	2.5	13
141	The Responses of Insects to Global Warming. , 2011, , 201-212.		9
142	Two single mutations commonly cause qualitative change of nonspecific carboxylesterases in insects. Insect Biochemistry and Molecular Biology, 2011, 41, 1-8.	2.7	59
143	Hymenopteran Parasitoids and Their Role in Biological Control of Vegetable Liriomyza Leafminers. , 2011, , 376-403.		3
144	Elevated CO2 Influences Nematode-Induced Defense Responses of Tomato Genotypes Differing in the JA Pathway. PLoS ONE, 2011, 6, e19751.	2.5	44

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145	Ecological tradeâ€offs between jasmonic acidâ€dependent direct and indirect plant defences in tritrophic interactions. New Phytologist, 2011, 189, 557-567.	7.3	44
146	Cloning and expression analysis of six small heat shock protein genes in the common cutworm, Spodoptera litura. Journal of Insect Physiology, 2011, 57, 908-914.	2.0	65
147	The 1956 Qingdao Meeting on Genetics: an important turning point of Chinese biology. Protein and Cell, 2011, 2, 5-6.	11.0	1
148	Shijun Ma: keeping on exploring new areas to meet the challenge of human and social demands. Protein and Cell, 2011, 2, 90-91.	11.0	0
149	Xiangtong Zhangâ€™s study on dendritic function: Gold is shining everywhere. Protein and Cell, 2011, 2, 264-265.	11.0	1
150	Modulation of behavioral phase changes of the migratory locust by the catecholamine metabolic pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3882-3887.	7.1	175
151	Roles of (Z)-3-hexenol in plant-insect interactions. Plant Signaling and Behavior, 2011, 6, 369-371.	2.4	74
152	CSP and Takeout Genes Modulate the Switch between Attraction and Repulsion during Behavioral Phase Change in the Migratory Locust. PLoS Genetics, 2011, 7, e1001291.	3.5	245
153	A <i>k</i>-mer scheme to predict piRNAs and characterize locust piRNAs. Bioinformatics, 2011, 27, 771-776.	4.1	122
154	Evolution of Hsp70 Gene Expression: A Role for Changes in AT-Richness within Promoters. PLoS ONE, 2011, 6, e20308.	2.5	20
155	Bing Zhi: pioneer of modern biology in China. Protein and Cell, 2010, 1, 613-615.	11.0	1
156	Father of biological cloning in China. Protein and Cell, 2010, 1, 793-794.	11.0	2
157	Commitment and dedication of a Chinese plant physiologist. Protein and Cell, 2010, 1, 886-887.	11.0	0
158	Zongluo Luo, a Chinese Haigui in 1930s. Protein and Cell, 2010, 1, 972-973.	11.0	0
159	An unforgettable debate between descriptive and experimental biology in the 1930s in China. Protein and Cell, 2010, 1, 1053-1055.	11.0	0
160	Are color or high rearing density related to migratory polyphenism in the band-winged grasshopper, Oedaleus asiaticus?. Journal of Insect Physiology, 2010, 56, 926-936.	2.0	30
161	Elevated CO₂ changes the interactions between nematode and tomato genotypes differing in the JA pathway. Plant, Cell and Environment, 2010, 33, 729-739.	5.7	41
162	Elevated CO₂ shifts the focus of tobacco plant defences from cucumber mosaic virus to the green peach aphid. Plant, Cell and Environment, 2010, 33, 2056-2064.	5.7	37

#	ARTICLE	IF	CITATIONS
163	The genus Tapiena BolÃvar (Orthoptera: Tettigoniidae: Phaneropterinae; Holochlorini), with description of three new species from China. Zootaxa, 2010, 2328, 49.	0.5	3
164	Laboratory Populations as a Resource for Understanding the Relationship Between Genotypes and Phenotypes. Advances in Insect Physiology, 2010, , 1-37.	2.7	23
165	Functional Synchronization of Biological Rhythms in a Tritrophic System. PLoS ONE, 2010, 5, e11064.	2.5	21
166	De Novo Analysis of Transcriptome Dynamics in the Migratory Locust during the Development of Phase Traits. PLoS ONE, 2010, 5, e15633.	2.5	215
167	Cloning and expression of five heat shock protein genes in relation to cold hardening and development in the leafminer, Liriomyza sativa. Journal of Insect Physiology, 2009, 55, 279-285.	2.0	116
168	The complete mitochondrial genomes of two band-winged grasshoppers, Gastrimargus marmoratus and Oedaleus asiaticus. BMC Genomics, 2009, 10, 156.	2.8	69
169	Differential responses to warming and increased precipitation among three contrasting grasshopper species. Global Change Biology, 2009, 15, 2539-2548.	9.5	75
170	Announcing web-based submission and peer review processes: ScholarOne Manuscripts. Insect Science, 2009, 16, 441-442.	3.0	1
171	Characterization and comparative profiling of the small RNA transcriptomes in two phases of locust. Genome Biology, 2009, 10, R6.	9.6	174
172	Roles of Thermal Adaptation and Chemical Ecology in<i>Liriomyza</i>Distribution and Control. Annual Review of Entomology, 2009, 54, 127-145.	11.8	154
173	Diet factors responsible for the change of the glucose oxidase activity in labial salivary glands of <i>Helicoverpa armigera</i>. Archives of Insect Biochemistry and Physiology, 2008, 68, 113-121.	1.5	20
174	Cold tolerance and cold hardening strategy of the Japanese pine sawyer <i>Monochamus alternatus</i> (Coleoptera: Cerambycidae). Insect Science, 2008, 15, 307-316.	3.0	1
175	Different evolutionary lineages of large and small heat shock proteins in eukaryotes. Cell Research, 2008, 18, 1074-1076.	12.0	44
176	Review of the genus Holochlora StÃ¥l (Orthoptera, Tettigoniidae, Phaneropterinae) from China. Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift, 2008, 55, 223-240.	0.8	2
177	RECTIMARGINALIS, NEW GENUS, WITH KEY TO GENERA OF HOLOCHLORINI (ORTHOPTERA: TETTIGONIIDAE:) Tj ETQq1 1 0.784314 rgBT	0.2	3
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