

Yonggyun Kim

List of Publications by Year in descending order

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206
papers

5,030
citations

79946

39
h-index

139103

58
g-index

240
all docs

240
docs citations

240
times ranked

2472
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lrp transcriptional factor of an entomopathogenic bacterium, <i>Xenorhabdus hominickii</i> , activates non-ribosomal peptide synthetases to suppress insect immunity. <i>Developmental and Comparative Immunology</i> , 2024, 151, 105101.	2.3	0
2	Screening of insect immune suppressors using a recombinant phospholipase A2 of a lepidopteran insect. <i>Archives of Insect Biochemistry and Physiology</i> , 2024, 115, .	1.5	0
3	Phospholipase A2 activity is required for immune defense of European (<i>Apis mellifera</i>) and Asian (<i>Apis</i>) Tj ETQq1 1 0.784314 rgBT /Ov e0290929.	2.5	0
4	Insect immune resolution with EpOME/DiHOME and its dysregulation by their analogs leading to pathogen hypersensitivity. <i>Insect Biochemistry and Molecular Biology</i> , 2024, 168, 104104.	2.7	1
5	Enhancement of an entomopathogenic fungal virulence against the seedcorn maggot, <i>Delia platura</i> , by suppressing immune responses with a bacterial culture broth of <i>Photorhabdus temperata</i> subsp. <i>temperata</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2024, 115, .	1.5	0
6	Virus-vectoring thrips regulate the excessive multiplication of tomato spotted wilt virus using their antiviral immune responses. <i>Journal of General Virology</i> , 2024, 105, .	2.9	0
7	Apolipoprotein D3 and LOX product play a role in immune-priming of a lepidopteran insect, <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2024, 158, 105198.	2.3	0
8	A PLA2 deletion mutant using CRISPR/Cas9 coupled to RNASeq reveals insect immune genes associated with eicosanoid signaling. <i>PLoS ONE</i> , 2024, 19, e0304958.	2.5	0
9	Tomato Spotted Wilt Virus Suppresses the Antiviral Response of the Insect Vector, <i>Frankliniella occidentalis</i> , by Elevating an Immunosuppressive C18 Oxylin Level Using its Virulent Factor, NSs. <i>Cells</i> , 2024, 13, 1377.	4.3	0
10	A Nematode Isolate, <i>Oscheius Tipulae</i> , Exhibiting a Wide Entomopathogenic Spectrum and its Application to Control Dipteran Insect Pests. <i>Archives of Insect Biochemistry and Physiology</i> , 2024, 117, .	1.5	0
11	Suppression of a transcriptional regulator, HexA, is essential for triggering the bacterial virulence of the entomopathogen, <i>Xenorhabdus hominickii</i> . <i>Journal of Invertebrate Pathology</i> , 2024, , 108219.	3.3	0
12	Damage signal induced by <i>Bacillus thuringiensis</i> infection triggers immune responses via a DAMP molecule in lepidopteran insect, <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2023, 139, 104559.	2.3	4
13	In vivo transient expression of a viral silencing suppressor, NSs, derived from tomato spotted wilt virus decreases insect RNAi efficiencies. <i>Archives of Insect Biochemistry and Physiology</i> , 2023, 112, .	1.5	8
14	Why can insects not biosynthesize cholesterol?. <i>Archives of Insect Biochemistry and Physiology</i> , 2023, 112, .	1.5	6
15	Insulin-like Peptides of the Western Flower Thrips <i>Frankliniella occidentalis</i> and Their Mediation of Immature Development. <i>Insects</i> , 2023, 14, 47.	2.3	3
16	A push-pull strategy to control the western flower thrips, <i>Frankliniella occidentalis</i> , using alarm and aggregation pheromones. <i>PLoS ONE</i> , 2023, 18, e0279646.	2.5	6
17	HMG-like DSP1 is a damage signal to mediate the western flower thrips, <i>Frankliniella occidentalis</i> , immune responses to tomato spotted wilt virus infection. <i>Developmental and Comparative Immunology</i> , 2023, 144, 104706.	2.3	7
18	Control Efficacy of Bacterial Secondary Metabolites of <i>Xenorhabdus hominickii</i> Against a Fungal Pathogen, <i>Alternaria alternata</i> , Infecting Welsh Onion. <i>Nong'yag Gwahag Hoeji</i> , 2023, 27, 23-30.	0.5	1

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19	Warning Technique of Tomato Spotted Wilt Virus Occurrence in Hot Pepper Nurseries by Diagnosing the Viruliferous Vectors. <i>Nong'yag Gwahag Hoeji</i> , 2023, 27, 145-153.	0.5	0
20	Detection of the TSWV-infected Onion Thrips, <i>Thrips tabaci</i> , and the Viral Multiplication in the Insect Vector. <i>Nong'yag Gwahag Hoeji</i> , 2023, 27, 135-144.	0.5	1
21	Immune responses of the Asian onion moth, <i>Acrolepiopsis sapporensis</i> , and their genetic factors from RNA-Seq analysis. <i>Archives of Insect Biochemistry and Physiology</i> , 2023, 114, 1-21.	1.5	1
22	Toll signal pathway activating eicosanoid biosynthesis shares its conserved upstream recognition components in a lepidopteran <i>Spodoptera exigua</i> upon infection by <i>Metarhizium rileyi</i> , an entomopathogenic fungus. <i>Journal of Invertebrate Pathology</i> , 2022, 188, 107707.	3.3	8
23	Thelytokous Reproduction of Onion Thrips, <i>Thrips tabaci</i> Lindeman 1889, Infesting Welsh Onion and Genetic Variation among Their Subpopulations. <i>Insects</i> , 2022, 13, 78.	2.3	7
24	HMG-Like DSP1 Mediates Immune Responses of the Western Flower Thrips (<i>Frankliniella occidentalis</i>) Against <i>Beauveria bassiana</i> , a Fungal Pathogen. <i>Frontiers in Immunology</i> , 2022, 13, 875239.	4.9	8
25	Global analysis of biosynthetic gene clusters reveals conserved and unique natural products in entomopathogenic nematode-symbiotic bacteria. <i>Nature Chemistry</i> , 2022, 14, 701-712.	14.3	48
26	Chymotrypsin is a molecular target of insect resistance of three corn varieties against the Asian corn borer, <i>Ostrinia furnacalis</i> . <i>PLoS ONE</i> , 2022, 17, e0266751.	2.5	3
27	Phurealipids, produced by the entomopathogenic bacteria, <i>Photobacterium</i> , mimic juvenile hormone to suppress insect immunity and immature development. <i>Journal of Invertebrate Pathology</i> , 2022, 193, 107799.	3.3	3
28	Transcriptome analysis of female western flower thrips, <i>Frankliniella occidentalis</i> , exhibiting neo-panoistic ovarian development. <i>PLoS ONE</i> , 2022, 17, e0272399.	2.5	5
29	The first report of prostacyclin and its physiological roles in insects. <i>General and Comparative Endocrinology</i> , 2021, 301, 113659.	1.8	17
30	An ovary-specific mucin is associated with choriogenesis mediated by prostaglandin signaling in <i>Spodoptera exigua</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 106, e21748.	1.5	10
31	Eicosanoid Signaling in Insect Immunology: New Genes and Unresolved Issues. <i>Genes</i> , 2021, 12, 211.	2.4	47
32	Immune mediation of HMG-like DSP1 via Toll-Spätzle pathway and its specific inhibition by salicylic acid analogs. <i>PLoS Pathogens</i> , 2021, 17, e1009467.	4.1	21
33	Eicosanoid-induced calcium signaling mediates cellular immune responses of <i>Tenebrio molitor</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 888-898.	1.5	4
34	HMG1-like dorsal switch protein 1 of the mealworm, <i>Tenebrio molitor</i> , acts as a damage-associated molecular pattern. <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 107, e21795.	1.5	15
35	Repat33 Acts as a Downstream Component of Eicosanoid Signaling Pathway Mediating Immune Responses of <i>Spodoptera exigua</i> , a Lepidopteran Insect. <i>Insects</i> , 2021, 12, 449.	2.3	7
36	Horizontally transmitted parasitoid killing factor shapes insect defense to parasitoids. <i>Science</i> , 2021, 373, 535-541.	20.9	31

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37	Physiological Alterations in Deletion Mutants of Two Insulin-Like Peptides Encoded in <i>Maruca vitrata</i> Using CRISPR/Cas9. <i>Frontiers in Physiology</i> , 2021, 12, 701616.	2.8	6
38	The prostanoids, thromboxanes, mediate hemocytic immunity to bacterial infection in the lepidopteran <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2021, 120, 104069.	2.3	5
39	First report of insulin receptor in thysanoptera and its expression variation with development of western flower thrips, <i>Frankliniella occidentalis</i> . <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 1004-1009.	0.9	2
40	PGE2 mediates hemocyte-spreading behavior by activating aquaporin via cAMP and rearranging actin cytoskeleton via Ca ²⁺ . <i>Developmental and Comparative Immunology</i> , 2021, 125, 104230.	2.3	16
41	Salicylic Acid, a Plant Hormone, Suppresses Phytophagous Insect Immune Response by Interrupting HMG-Like DSP1. <i>Frontiers in Physiology</i> , 2021, 12, 744272.	2.8	24
42	CRISPR/Cas9 mutagenesis against sex pheromone biosynthesis leads to loss of female attractiveness in <i>Spodoptera exigua</i> , an insect pest. <i>PLoS ONE</i> , 2021, 16, e0259322.	2.5	5
43	Thromboxane Mobilizes Insect Blood Cells to Infection Foci. <i>Frontiers in Immunology</i> , 2021, 12, 791319.	4.9	6
44	Alteration of insulin signaling to control insect pest by using transformed bacteria expressing dsRNA. <i>Pest Management Science</i> , 2020, 76, 1020-1030.	3.6	25
45	Deletion mutant of sPLA2 using CRISPR/Cas9 exhibits immunosuppression, developmental retardation, and failure of oocyte development in legume pod borer, <i>Maruca vitrata</i> . <i>Developmental and Comparative Immunology</i> , 2020, 103, 103500.	2.3	9
46	Why most insects have very low proportions of C20 polyunsaturated fatty acids: The oxidative stress hypothesis. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21622.	1.5	21
47	Host Immunosuppression Induced by <i>Steinernema feltiae</i> , an Entomopathogenic Nematode, through Inhibition of Eicosanoid Biosynthesis. <i>Insects</i> , 2020, 11, 33.	2.3	11
48	Prostaglandin D2 synthase and its functional association with immune and reproductive processes in a lepidopteran insect, <i>Spodoptera exigua</i> . <i>General and Comparative Endocrinology</i> , 2020, 287, 113352.	1.8	18
49	Characterization of the first insect prostaglandin (PGE2) receptor: MansePGE2R is expressed in oenocytoids and lipoteichoic acid (LTA) increases transcript expression. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 117, 103290.	2.7	21
50	Functional interaction of bacterial virulence factors of <i>Xenorhabdus nematophila</i> with a calcium-independent cytosolic PLA2 of <i>Spodoptera exigua</i> . <i>Journal of Invertebrate Pathology</i> , 2020, 169, 107309.	3.3	1
51	EpOMEs act as immune suppressors in a lepidopteran insect, <i>Spodoptera exigua</i> . <i>Scientific Reports</i> , 2020, 10, 20183.	3.4	24
52	Variations of Indole Metabolites and NRPS-PKS Loci in Two Different Virulent Strains of <i>Xenorhabdus hominickii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 583594.	3.6	15
53	Virulent secondary metabolites of entomopathogenic bacteria genera, <i>Xenorhabdus</i> and <i>Photorhabdus</i> , inhibit phospholipase A2 to suppress host insect immunity. <i>BMC Microbiology</i> , 2020, 20, 359.	3.4	27
54	PGE ₂ upregulates gene expression of dual oxidase in a lepidopteran insect midgut via cAMP signalling pathway. <i>Open Biology</i> , 2020, 10, 200197.	3.7	15

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55	Immunosuppressive Activities of Novel PLA2 Inhibitors from <i>Xenorhabdus hominickii</i> , an Entomopathogenic Bacterium. <i>Insects</i> , 2020, 11, 505.	2.3	10
56	Development, Reproduction, and Life Table Parameters of the Foxglove Aphid, <i>Aulacorthum solani</i> Kaltentbach (Hemiptera: Aphididae), on Soybean at Constant Temperatures. <i>Insects</i> , 2020, 11, 296.	2.3	8
57	Deletion mutant of PGE2 receptor using CRISPR-Cas9 exhibits larval immunosuppression and adult infertility in a lepidopteran insect, <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2020, 111, 103743.	2.3	28
58	Tolerance of the mealworm beetle, <i>Tenebrio molitor</i> , to an entomopathogenic nematode, <i>Steinernema feltiae</i> , at two infection foci, the intestine and the hemocoel. <i>Journal of Invertebrate Pathology</i> , 2020, 174, 107428.	3.3	4
59	sPLA ₂ behaves like a prophylactic agent and mediates cellular and humoral immune responses in <i>Plutella xylostella</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21670.	1.5	2
60	Biosynthesis and immunity of epoxyeicosatrienoic acids in a lepidopteran insect, <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2020, 107, 103643.	2.3	17
61	Benzylideneacetone and other phenylethylamide bacterial metabolites induce apoptosis to kill insects. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 449-457.	0.9	15
62	Dual Oxidase-Derived Reactive Oxygen Species Against <i>Bacillus thuringiensis</i> and Its Suppression by Eicosanoid Biosynthesis Inhibitors. <i>Frontiers in Microbiology</i> , 2020, 11, 528.	3.6	22
63	Prostaglandin catabolism in <i>Spodoptera exigua</i> , a lepidopteran insect. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	6
64	Insulin-like peptides of the legume pod borer, <i>Maruca vitrata</i> , and their mediation effects on hemolymph trehalose level, larval development, and adult reproduction. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 100, e21524.	1.5	9
65	Hemolin, an immunoglobulin-like peptide, opsonizes nonself targets for phagocytosis and encapsulation in <i>Spodoptera exigua</i> , a lepidopteran insect. <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 947-956.	0.9	13
66	Insulin signaling mediates previtellogenic development and enhances juvenile hormone-mediated vitellogenesis in a lepidopteran insect, <i>Maruca vitrata</i> . <i>BMC Developmental Biology</i> , 2019, 19, 14.	2.1	35
67	Overexpression of PGE2 synthase by <i>in vivo</i> transient expression enhances immunocompetency along with fitness cost in a lepidopteran insect. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	4
68	PGE ₂ mediates cytoskeletal rearrangement of hemocytes via Cdc42, a small G protein, to activate actin remodeling factors in <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 102, e21607.	1.5	17
69	Variation in pathogenicity of different strains of <i>Xenorhabdus nematophila</i> ; Differential immunosuppressive activities and secondary metabolite production. <i>Journal of Invertebrate Pathology</i> , 2019, 166, 107221.	3.3	38
70	Biosynthetic pathway of arachidonic acid in <i>Spodoptera exigua</i> in response to bacterial challenge. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 111, 103179.	2.7	36
71	Discrimination of different generations of <i>Zeugodacus scutellata</i> using age grading technique and their local genetic variation. <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 908-915.	0.9	1
72	Toll/IMD signal pathways mediate cellular immune responses via induction of intracellular PLA 2 expression. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 101, e21559.	1.5	9

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73	Yeast engineering to express sex pheromone gland genes of the oriental fruit moth, <i>Grapholita molesta</i> . <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 645-654.	0.9	4
74	An aquaporin mediates cell shape change required for cellular immunity in the beet armyworm, <i>Spodoptera exigua</i> . <i>Scientific Reports</i> , 2019, 9, 4988.	3.4	15
75	Inhibition of prostaglandin biosynthesis leads to suppressed ovarian development in <i>Spodoptera exigua</i> . <i>Journal of Insect Physiology</i> , 2019, 114, 83-91.	2.2	21
76	Insect prostaglandins and other eicosanoids: From molecular to physiological actions. <i>Advances in Insect Physiology</i> , 2019, , 283-343.	3.8	21
77	A prophylactic role of a secretory PLA2 of <i>Spodoptera exigua</i> against entomopathogens. <i>Developmental and Comparative Immunology</i> , 2019, 95, 108-117.	2.3	17
78	Survival and life table parameters of soybean pod borer <i>Maruca vitrata</i> (Geyer) (Lepidoptera: Crambidae) on leguminous crop cultivars. <i>Entomological Research</i> , 2019, 49, 483-489.	1.2	2
79	Phenylethylamides derived from bacterial secondary metabolites specifically inhibit an insect serotonin receptor. <i>Scientific Reports</i> , 2019, 9, 20358.	3.4	11
80	Toll immune signal activates cellular immune response via eicosanoids. <i>Developmental and Comparative Immunology</i> , 2018, 84, 408-419.	2.3	26
81	Eicosanoid-mediated immunity in insects. <i>Developmental and Comparative Immunology</i> , 2018, 83, 130-143.	2.3	119
82	Eicosanoid mediation of immune responses at early bacterial infection stage and its inhibition by <i>Photorhabdus temperata</i> subsp. <i>temperata</i> , an entomopathogenic bacterium. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 99, e21502.	1.5	19
83	An Insect Prostaglandin E2 Synthase Acts in Immunity and Reproduction. <i>Frontiers in Physiology</i> , 2018, 9, 1231.	2.8	45
84	Application of insulin signaling to predict insect growth rate in <i>Maruca vitrata</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	2.5	15
85	Identification of an entomopathogenic bacterium, <i>Xenorhabdus ehlersii</i> KSY, from <i>Steinernema longicaudum</i> GNUS101 and its immunosuppressive activity against insect host by inhibiting eicosanoid biosynthesis. <i>Journal of Invertebrate Pathology</i> , 2018, 159, 6-17.	3.3	10
86	Simultaneous mating disruption of two <i>Grapholita</i> species in apple orchards. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 1144-1152.	0.9	2
87	Differential immunosuppression by inhibiting PLA2 affects virulence of <i>Xenorhabdus hominickii</i> and <i>Photorhabdus temperata</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 157, 136-146.	3.3	17
88	Regulation of hemolymph trehalose titers by insulin signaling in the legume pod borer, <i>Maruca vitrata</i> (Lepidoptera: Crambidae). <i>Peptides</i> , 2018, 106, 28-36.	2.4	22
89	Persistent expression of <i>Cotesia plutellae</i> bracovirus genes in parasitized host, <i>Plutella xylostella</i> . <i>PLoS ONE</i> , 2018, 13, e0200663.	2.5	0
90	A non-venomous sPLA2 of a lepidopteran insect: Its physiological functions in development and immunity. <i>Developmental and Comparative Immunology</i> , 2018, 89, 83-92.	2.3	46

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91	Prostaglandins and Other Eicosanoids in Insects: Biosynthesis and Biological Actions. <i>Frontiers in Physiology</i> , 2018, 9, 1927.	2.8	84
92	Nitric oxide mediates antimicrobial peptide gene expression by activating eicosanoid signaling. <i>PLoS ONE</i> , 2018, 13, e0193282.	2.5	20
93	Screening Technique of Effective Insecticides against the Striped Fruit Fly, <i>Bactrocera scutellata</i> . <i>Nong'yag Gwahag Hoeji</i> , 2018, 22, 29-35.	0.5	0
94	Identification and bacterial characteristics of <i>Xenorhabdus hominickii</i> ANU101 from an entomopathogenic nematode, <i>Steinernema monticolum</i> . <i>Journal of Invertebrate Pathology</i> , 2017, 144, 74-87.	3.3	24
95	Identification of a hypertrehalosemic factor in <i>Spodoptera exigua</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2017, 95, e21386.	1.5	7
96	An entomopathogenic bacterium, <i>Xenorhabdus hominickii</i> ANU101, produces oxindole and suppresses host insect immune response by inhibiting eicosanoid biosynthesis. <i>Journal of Invertebrate Pathology</i> , 2017, 145, 13-22.	3.3	22
97	Age grading and gene flow of overwintered <i>Bactrocera scutellata</i> populations. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1402-1409.	0.9	4
98	A novel calcium-independent phospholipase A2 and its physiological roles in development and immunity of a lepidopteran insect, <i>Spodoptera exigua</i> . <i>Developmental and Comparative Immunology</i> , 2017, 77, 210-220.	2.3	30
99	Specific inhibition of <i>Xenorhabdus hominickii</i> , an entomopathogenic bacterium, against different types of host insect phospholipase A2. <i>Journal of Invertebrate Pathology</i> , 2017, 149, 97-105.	3.3	13
100	Chlorine dioxide enhances lipid peroxidation through inhibiting calcium-independent cellular PLA2 in larvae of the Indianmeal moth, <i>Plodia interpunctella</i> . <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 48-56.	3.6	10
101	Rapid Cold-Hardening of a Subtropical Species, <i>Maruca vitrata</i> (Lepidoptera: Crambidae), Accompanies Hypertrehalosemia by Upregulating Trehalose-6-Phosphate Synthase. <i>Environmental Entomology</i> , 2017, 46, 1432-1438.	1.5	17
102	Characterization of joining sites of a viral histone H4 on host insect chromosomes. <i>PLoS ONE</i> , 2017, 12, e0177066.	2.5	6
103	Optimization of recombinant bacteria expressing dsRNA to enhance insecticidal activity against a lepidopteran insect, <i>Spodoptera exigua</i> . <i>PLoS ONE</i> , 2017, 12, e0183054.	2.5	46
104	Technologies Required for Development of Trap-based MAT Control Against the Striped Fruit Fly, <i>Bactrocera scutellata</i> . <i>Korean Journal of Applied Entomology</i> , 2017, , 51-60.	0.3	8
105	Inhibitory Effect of Chlorine Dioxide Using Reactive Oxygen Species Against Heart Contraction of the Indianmeal Moth, <i>Plodia interpunctella</i> . <i>Korean Journal of Applied Entomology</i> , 2017, , 147-152.	0.3	1
106	Insect Resistance of Tobacco Plant Expressing CpBV-ELP1 Derived from a Polydnavirus. <i>Korean Journal of Applied Entomology</i> , 2017, , 19-28.	0.3	0
107	Formulation of Wax Type Dispenser Monitoring the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> , and Its Molecular Diagnostic Technology. <i>Korean Journal of Applied Entomology</i> , 2017, 56, 289-294.	0.3	0
108	Translational Control of Host Gene Expression by a Cys-Motif Protein Encoded in a Bracovirus. <i>PLoS ONE</i> , 2016, 11, e0161661.	2.5	2

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109	Baculoviral p94 homologs encoded in <i>Cotesia plutellae</i> bracovirus suppress both immunity and development of the diamondback moth, <i>Plutellae xylostella</i> . <i>Insect Science</i> , 2016, 23, 235-244.	3.1	5
110	Glyceraldehyde-3-phosphate dehydrogenase is a mediator of hemocyte-spreading behavior and molecular target of immunosuppressive factor CrV1. <i>Developmental and Comparative Immunology</i> , 2016, 54, 97-108.	2.3	15
111	Suppressive activity of a viral histone H4 against two host chromatin remodelling factors: lysine demethylase and SWI/SNF. <i>Journal of General Virology</i> , 2016, 97, 2780-2796.	2.9	4
112	Anticancer and Antiviral Activity of Chlorine Dioxide by Its Induction of the Reactive Oxygen Species. <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 31-36.	0.4	6
113	Enhanced acetylcholinesterase Activity of the Indianmeal moth, <i>Plodia interpunctella</i> , Under Chlorine Dioxide Treatment and Altered Negative Phototaxis Behavior. <i>Korean Journal of Applied Entomology</i> , 2016, , 27-33.	0.3	3
114	Fatty Acid Composition of Different tissues of <i>Spodoptera exigua</i> Larvae and a Role of Cellular Phospholipase A2. <i>Korean Journal of Applied Entomology</i> , 2016, , 129-138.	0.3	6
115	Genetic Character and Insecticide Susceptibility on a Korean Population of a Subtropical Species, <i>Maruca vitrata</i> . <i>Korean Journal of Applied Entomology</i> , 2016, , 257-266.	0.3	2
116	Integrated Pest Management Against <i>Bactrocera</i> Fruit Flies. <i>Korean Journal of Applied Entomology</i> , 2016, , 359-376.	0.3	8
117	Can <i>Maruca vitrata</i> (Lepidoptera: Crambidae) Over-winter in Suwon Area?. <i>Korean Journal of Applied Entomology</i> , 2016, , 439-444.	0.3	4
118	PGE ₂ MEDIATES OENOCYTOID CELL LYSIS VIA A SODIUM POTASSIUM CHLORIDE COTRANSPORTER. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 89, 218-229.	1.5	20
119	A Transformed Bacterium Expressing Double-Stranded RNA Specific to Integrin $\beta 1$ Enhances Bt Toxin Efficacy against a Polyphagous Insect Pest, <i>Spodoptera exigua</i> . <i>PLoS ONE</i> , 2015, 10, e0132631.	2.5	37
120	Eicosanoids up-regulate production of reactive oxygen species by NADPH-dependent oxidase in <i>Spodoptera exigua</i> phagocytic hemocytes. <i>Journal of Insect Physiology</i> , 2015, 79, 63-72.	2.2	25
121	Regulation of hemolymph trehalose level by an insulin-like peptide through diel feeding rhythm of the beet armyworm, <i>Spodoptera exigua</i> . <i>Peptides</i> , 2015, 68, 91-98.	2.4	39
122	A novel calcium-independent cellular PLA2 acts in insect immunity and larval growth. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 13-23.	2.7	52
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