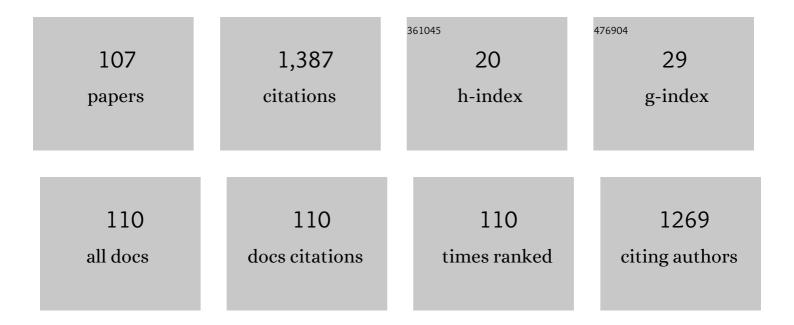
Yeon Soo Han

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Current knowledge of immune priming in invertebrates, emphasizing studies on Tenebrio molitor. Developmental and Comparative Immunology, 2022, 127, 104284.	1.0	11
2	Development and application of reverse transcription droplet digital PCR assay for sensitive detection of apple scar skin viroid during in vitro propagation of apple plantlets. Molecular and Cellular Probes, 2022, 61, 101789.	0.9	2
3	Molecular cloning, sequence characterization, and expression analysis of C-type lectin (CTL) and ER-Golgi intermediate compartment 53-kDa protein (ERGIC-53) homologs from the freshwater prawn, Macrobrachium rosenbergii. Aquaculture International, 2022, 30, 1011-1035.	1.1	2
4	Aphicidal activity of <scp><i>Bacillus thuringiensis</i></scp> strain AHâ€2 against cotton aphid (<scp><i>Aphis gossypii</i></scp>). Entomological Research, 2021, 51, 151-160.	0.6	5
5	Transcriptome analysis of <i>Macrobrachium rosenbergii</i> hepatopancreas in response to <i>Vibrio harveyi</i> infection. Aquaculture Research, 2021, 52, 1855-1875.	0.9	3
6	Deep sequencing and phylogenetic analysis of severe fever with thrombocytopenia syndrome virus from the tick, Haemaphysalis longicornis , in Korea. Entomological Research, 2021, 51, 3-11.	0.6	1
7	Identification, <i>in silico</i> characterization, and expression analysis of <scp><i>Tenebrio molitor</i></scp> Cecropinâ€2. Entomological Research, 2021, 51, 74-82.	0.6	11
8	Antifungal Activity of Cyclic Tetrapeptide from Bacillus velezensis CE 100 against Plant Pathogen Colletotrichum gloeosporioides. Pathogens, 2021, 10, 209.	1.2	27
9	Autophagy in Tenebrio molitor Immunity: Conserved Antimicrobial Functions in Insect Defenses. Frontiers in Immunology, 2021, 12, 667664.	2.2	16
10	The Role of Lysobacter antibioticus HS124 on the Control of Fall Webworm (Hyphantria cunea Drury) and Growth Promotion of Canadian Poplar (Populus canadensis Moench) at Saemangeum Reclaimed Land in Korea. Microorganisms, 2021, 9, 1580.	1.6	12
11	De novo transcriptome sequencing of triton shell Charonia lampas sauliae: Identification of genes related to neurotoxins and discovery of genetic markers. Marine Genomics, 2021, 59, 100862.	0.4	5
12	TmSpz-like Plays a Fundamental Role in Response to E. coli but Not S. aureus or C. albican Infection in Tenebrio molitor via Regulation of Antimicrobial Peptide Production. International Journal of Molecular Sciences, 2021, 22, 10888.	1.8	16
13	Tenebrio molitor SpÃæle 1b Is Required to Confer Antibacterial Defense Against Gram-Negative Bacteria by Regulation of Antimicrobial Peptides. Frontiers in Physiology, 2021, 12, 758859.	1.3	9
14	TmIKKε Is Required to Confer Protection Against Gram-Negative Bacteria, E. coli by the Regulation of Antimicrobial Peptide Production in the Tenebrio molitor Fat Body. Frontiers in Physiology, 2021, 12, 758862.	1.3	8
15	Critical Roles of SpÃæle5 in Antimicrobial Peptide Production Against Escherichia coli in Tenebrio molitor Malpighian Tubules. Frontiers in Immunology, 2021, 12, 760475.	2.2	11
16	Tickâ€borne viruses: Current trends in largeâ€scale viral surveillance. Entomological Research, 2020, 50, 379-392.	0.6	3
17	Bacterial but not fungal challenge upâ€regulates the transcription of <i>Coleoptericin</i> genes in <scp><i>Tenebrio molitor</i></scp> . Entomological Research, 2020, 50, 440-449.	0.6	14
18	IKKγ/NEMO Is Required to Confer Antimicrobial Innate Immune Responses in the Yellow Mealworm, Tenebrio Molitor. International Journal of Molecular Sciences, 2020, 21, 6734.	1.8	12

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19	Biosurfactants Induce Antimicrobial Peptide Production through the Activation of TmSpatzles in Tenebrio molitor. International Journal of Molecular Sciences, 2020, 21, 6090.	1.8	7
20	<i>In silico</i> identification and expression analyses of <i>Defensin</i> genes in the mealworm beetle <scp><i>Tenebrio molitor</i></scp> . Entomological Research, 2020, 50, 575-585.	0.6	12
21	TmSpz4 Plays an Important Role in Regulating the Production of Antimicrobial Peptides in Response to Escherichia coli and Candida albicans Infections. International Journal of Molecular Sciences, 2020, 21, 1878.	1.8	19
22	TmRelish is required for regulating the antimicrobial responses to Escherichia coli and Staphylococcus aureus in Tenebrio molitor. Scientific Reports, 2020, 10, 4258.	1.6	25
23	Two Roles for the Tenebrio molitor Relish in the Regulation of Antimicrobial Peptides and Autophagy-Related Genes in Response to Listeria monocytogenes. Insects, 2020, 11, 188.	1.0	15
24	TmPGRP-SA regulates Antimicrobial Response to Bacteria and Fungi in the Fat Body and Gut of Tenebrio molitor. International Journal of Molecular Sciences, 2020, 21, 2113.	1.8	17
25	An overview of insect innate immunity. Entomological Research, 2020, 50, 282-291.	0.6	69
26	Current trends in largeâ€scale viral surveillance methods in mosquitoes. Entomological Research, 2020, 50, 292-308.	0.6	2
27	TmSpz6 Is Essential for Regulating the Immune Response to Escherichia coli and Staphylococcus aureus Infection in Tenebrio molitor. Insects, 2020, 11, 105.	1.0	24
28	TmAtg6 Plays an Important Role in Anti-Microbial Defense Against Listeria monocytogenes in the Mealworm, Tenebrio molitor. International Journal of Molecular Sciences, 2020, 21, 1232.	1.8	4
29	Tenebrio molitor PGRP-LE Plays a Critical Role in Gut Antimicrobial Peptide Production in Response to Escherichia coli. Frontiers in Physiology, 2020, 11, 320.	1.3	14
30	Aedes albopictus Autophagy-Related Gene 8 (AaAtg8) Is Required to Confer Anti-Bacterial Gut Immunity. International Journal of Molecular Sciences, 2020, 21, 2944.	1.8	8
31	Major Host Plant and Life Cycle of Pest in Arboretum of Chonnam National University. Trends in Agriculture & Life Sciences, 2020, 58, 29-36.	0.0	0
32	Regulation of the expression of nine antimicrobial peptide genes by TmIMD confers resistance against Gram-negative bacteria. Scientific Reports, 2019, 9, 10138.	1.6	28
33	Molecular cloning and characterization of SOCS2 from the mealworm beetle Tenebrio molitor. Entomological Research, 2019, 49, 313-322.	0.6	1
34	TmDorX2 positively regulates antimicrobial peptides in Tenebrio molitor gut, fat body, and hemocytes in response to bacterial and fungal infection. Scientific Reports, 2019, 9, 16878.	1.6	33
35	Molecular Cloning and Expression Analysis of Three Suppressors of Cytokine Signaling Genes (SOCS5,) Tj ETQq	1 1 0.7843 1.0	314.rgBT /Ove
36	TmToll-7 Plays a Crucial Role in Innate Immune Responses Against Gram-Negative Bacteria by Regulating 5 AMP Genes in Tenebrio molitor. Frontiers in Immunology, 2019, 10, 310.	2.2	26

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37	Transcriptome analysis of air-breathing land slug, Incilaria fruhstorferi reveals functional insights into growth, immunity, and reproduction. BMC Genomics, 2019, 20, 154.	1.2	9
38	The impact of consumer familiarity on edible insect food product purchase and expected liking: The role of media trust and purchase activism. Entomological Research, 2019, 49, 158-164.	0.6	22
39	Homologs of Human Dengue-Resistance Genes, FKBP1B and ATCAY, Confer Antiviral Resistance in Aedes aegypti Mosquitoes. Insects, 2019, 10, 46.	1.0	4
40	Lin28 is a critical factor in the function and aging of Drosophila testis stem cell niche. Aging, 2019, 11, 855-873.	1.4	9
41	<i>In silico</i> identification, characterization and expression analysis of <i>attacin</i> gene family in response to bacterial and fungal pathogens in <scp><i>Tenebrio molitor</i></scp> . Entomological Research, 2018, 48, 45-54.	0.6	19
42	Duox mediates ultraviolet injury-induced nociceptive sensitization in Drosophila larvae. Molecular Brain, 2018, 11, 16.	1.3	5
43	RNA Sequencing, <i>De novo</i> assembly, functional annotation and SSR analysis of the endangered diving beetle <scp><i>Cybister chinensis</i></scp> (= <scp><i>Cybister japonicus</i></scp>) using the Illumina platform. Entomological Research, 2018, 48, 60-72.	0.6	3
44	Transcriptomics reveals tissue/organ-specific differences in gene expression in the starfish Patiria pectinifera. Marine Genomics, 2018, 37, 92-96.	0.4	8
45	Transcriptome analysis of the threatened snail Ellobium chinense reveals candidate genes for adaptation and identifies SSRs for conservation genetics. Genes and Genomics, 2018, 40, 333-347.	0.5	6
46	Extraction of chitin and chitosan from larval exuvium and whole body of edible mealworm, <scp><i>Tenebrio molitor</i></scp> . Entomological Research, 2018, 48, 227-233.	0.6	74
47	Molecular Cloning and Effects of Tm14-3-3ζ-Silencing on Larval Survivability Against E. coli and C. albicans in Tenebrio molitor. Genes, 2018, 9, 330.	1.0	5
48	Optimization of doubleâ€stranded RNAi intrathoracic injection method in <scp><i>Aedes aegypti</i></scp> . Entomological Research, 2018, 48, 269-278.	0.6	5
49	TmCactin plays an important role in Gram-negative and -positive bacterial infection by regulating expression of 7 AMP genes in Tenebrio molitor. Scientific Reports, 2017, 7, 46459.	1.6	34
50	PhaR, a Negative Regulator of PhaP, Modulates the Colonization of a Burkholderia Gut Symbiont in the Midgut of the Host Insect, Riptortus pedestris. Applied and Environmental Microbiology, 2017, 83, .	1.4	13
51	Production of chitin and chitosan from the exoskeleton of adult twoâ€spotted field crickets (<i>Gryllus bimaculatus</i>). Entomological Research, 2017, 47, 279-285.	0.6	35
52	Tm SR-C, scavenger receptor class C, plays a pivotal role in antifungal and antibacterial immunity in the coleopteran insect Tenebrio molitor. Insect Biochemistry and Molecular Biology, 2017, 89, 31-42.	1.2	16
53	Sequencing and de novo assembly of visceral mass transcriptome of the critically endangered land snail Satsuma myomphala: Annotation and SSR discovery. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 21, 77-89.	0.4	10
54	Expression profiles of two thaumatinâ€like protein (<i>TmTLP</i>) genes in responses to various microâ€organisms from <i>Tenebrio molitor</i> . Entomological Research, 2017, 47, 35-40.	0.6	8

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55	Extraction of Chitin and Chitosan from the Exoskeleton of the Cockroach (Periplaneta americana L.). Journal of Chitin and Chitosan, 2017, 22, 76-81.	0.1	9
56	3-Decylcatechol induces autophagy-mediated cell death through the IRE1α/JNK/p62 in hepatocellular carcinoma cells. Oncotarget, 2017, 8, 58790-58800.	0.8	20
57	De novo Transcriptome Generation and Annotation for Two Korean Endemic Land Snails, Aegista chejuensis and Aegista quelpartensis, Using Illumina Paired-End Sequencing Technology. International Journal of Molecular Sciences, 2016, 17, 379.	1.8	7
58	Transcriptome Profile of the Asian Giant Hornet (<i>Vespa mandarinia</i>) Using Illumina HiSeq 4000 Sequencing: <i>De Novo</i> Assembly, Functional Annotation, and Discovery of SSR Markers. International Journal of Genomics, 2016, 2016, 1-15.	0.8	24
59	Transcriptomic Analysis of the Endangered Neritid Species Clithon retropictus: De Novo Assembly, Functional Annotation, and Marker Discovery. Genes, 2016, 7, 35.	1.0	13
60	The Silencing of a 14-3-3É> Homolog in Tenebrio molitor Leads to Increased Antimicrobial Activity in Hemocyte and Reduces Larval Survivability. Genes, 2016, 7, 53.	1.0	5
61	Transcriptome Analysis of the Tadpole Shrimp (Triops longicaudatus) by Illumina Paired-End Sequencing: Assembly, Annotation, and Marker Discovery. Genes, 2016, 7, 114.	1.0	15
62	Extraction of chitin and chitosan from housefly, <i>Musca domestica</i> , pupa shells. Entomological Research, 2016, 46, 324-328.	0.6	31
63	Transcriptome sequencing and de novo characterization of Korean endemic land snail, Koreanohadra kurodana for functional transcripts and SSR markers. Molecular Genetics and Genomics, 2016, 291, 1999-2014.	1.0	14
64	Insect feed for animals under the <scp>H</scp> azard <scp>A</scp> nalysis and <scp>C</scp> ritical <scp>C</scp> ontrol <scp>P</scp> oints (<scp>HACCP</scp>) regulations. Entomological Research, 2016, 46, 2-4.	0.6	9
65	Identification and sequence analysis of two thaumatinâ€like protein (<i>TmTLP</i>) genes from <i>Tenebrio molitor</i> . Entomological Research, 2016, 46, 354-359.	0.6	5
66	<scp>RNA</scp> sequencing, <i>de novo</i> assembly, and functional annotation of an endangered <scp>N</scp> ymphalid butterfly, <scp><i>F</i></scp> <i>abriciana nerippe</i> â€ <scp>F</scp> elder, 1862. Entomological Research, 2016, 46, 148-161.	0.6	7
67	Molecular characterization and expression analysis of target of rapamycin (<scp>T</scp> m <scp>TOR</scp>) in coleopteran insect <scp><i>T</i></scp> <i>enebrio molitor</i> . Entomological Research, 2016, 46, 139-147.	0.6	3
68	Understanding regulation of the host-mediated gut symbiont population and the symbiont-mediated host immunity in the Riptortus-Burkholderia symbiosis system. Developmental and Comparative Immunology, 2016, 64, 75-81.	1.0	30
69	Sequencing, De Novo Assembly, and Annotation of the Transcriptome of the Endangered Freshwater Pearl Bivalve, Cristaria plicata, Provides Novel Insights into Functional Genes and Marker Discovery. PLoS ONE, 2016, 11, e0148622.	1.1	61
70	The Protostome database (PANM-DB): Version 2.0 release with updated sequences. Korean Journal of Malacology, 2016, 32, 185-188.	0.1	3
71	Transcriptome Characterization for Non-Model Endangered Lycaenids, Protantigius superans and Spindasis takanosis, Using Illumina HiSeq 2500 Sequencing. International Journal of Molecular Sciences, 2015, 16, 29948-29970.	1.8	13
72	Characterization of Physa acuta expressed sequence tags and transcript mining following cadmium exposure. Genes and Genomics, 2015, 37, 1017-1025.	0.5	1

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73	Expressed sequence tag analysis and annotation of genetic information from the freshwater clam, Pisidium (Neopisidium) coreanum endemic to Korea. Genes and Genomics, 2015, 37, 1041-1049.	0.5	2
74	DEPLETION OF AUTOPHAGYâ€RELATED GENES ATG3 AND ATG5 IN <i>Tenebrio molitor</i> LEADS TO DECREASED SURVIVABILITY AGAINST AN INTRACELLULAR PATHOGEN, <i>Listeria monocytogenes</i> . Archives of Insect Biochemistry and Physiology, 2015, 88, 85-99.	0.6	18
75	Cloning, expression analysis, and RNA interference study of a HORMA domain containing autophagy-related gene 13 (ATG13) from the coleopteran beetle, Tenebrio molitor. Frontiers in Physiology, 2015, 6, 180.	1.3	12
76	Molecular cloning and characterization of autophagy-related gene TmATG8 in Listeria-invaded hemocytes of Tenebrio molitor. Developmental and Comparative Immunology, 2015, 51, 88-98.	1.0	24
77	Silencing of apolipophorinâ€ <scp>III</scp> causes abnormal adult morphological phenotype and susceptibility to <i><scp>L</scp>isteria monocytogenes</i> infection in <i><scp>T</scp>enebrio molitor</i> . Entomological Research, 2015, 45, 116-121.	0.6	5
78	Construction of PANM Database (Protostome DB) for rapid annotation of NGS data in Mollusks. Korean Journal of Malacology, 2015, 31, 243-247.	0.1	17
79	Genomic organization, sequence characterization and expression analysis of Tenebrio molitor apolipophorin-III in response to an intracellular pathogen, Listeria monocytogenes. Gene, 2014, 534, 204-217.	1.0	17
80	Molting-associated suppression of symbiont population and up-regulation of antimicrobial activity in the midgut symbiotic organ of the Riptortus–Burkholderia symbiosis. Developmental and Comparative Immunology, 2014, 43, 10-14.	1.0	53
81	Gene structure, cDNA characterization and RNAi-based functional analysis of a myeloid differentiation factor 88 homolog in Tenebrio molitor larvae exposed to Staphylococcus aureus infection. Developmental and Comparative Immunology, 2014, 46, 208-221.	1.0	25
82	Developmental characteristics of Tenebrio molitor larvae (Coleoptera: Tenebrionidae) in different instars. International Journal of Industrial Entomology, 2014, 28, 5-9.	0.1	34
83	<scp>E</scp> xpressed <scp>S</scp> equence <scp>T</scp> ags (<scp>ESTs</scp>) analysis of <i><scp>T</scp>enebrio molitor</i> larvae. Entomological Research, 2013, 43, 168-176.	0.6	5
84	Identification and expression analysis of a novel R-type lectin from the coleopteran beetle, Tenebrio molitor. Journal of Invertebrate Pathology, 2013, 114, 226-229.	1.5	7
85	Molecular Cloning, Sequence Characterization and Expression Analysis of a CD63 Homologue from the Coleopteran Beetle, Tenebrio molitor. International Journal of Molecular Sciences, 2013, 14, 20744-20767.	1.8	16
86	Cloning, Characterization and Effect of TmPGRP-LE Gene Silencing on Survival of Tenebrio Molitor against Listeria monocytogenes Infection. International Journal of Molecular Sciences, 2013, 14, 22462-22482.	1.8	26
87	Expression analysis and immunohistochemical localization of putative tumor suppressor <scp>QM</scp> homologue from the cabbage butterfly, <i><scp>P</scp>ieris rapae</i> . Entomological Research, 2013, 43, 262-270.	0.6	1
88	Analysis of the Genome of a Korean Isolate of the Pieris rapae Granulovirus Enabled by Its Separation from Total Host Genomic DNA by Pulse-Field Electrophoresis. PLoS ONE, 2013, 8, e84183.	1.1	3
89	Evaluation of nutritional status of an edible grasshopper, <i><scp>O</scp>xya <scp>C</scp>hinensis <scp>F</scp>ormosana</i> . Entomological Research, 2012, 42, 284-290.	0.6	18
90	Complete mitochondrial genome of a carabid beetle, <i>Damaster mirabilissimus mirabilissim</i> (Coleoptera: Carabidae). Entomological Research, 2012, 42, 44-54.	0.6	21

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91	Bioinformatic analysis and annotation of expressed sequence tags (ESTs) generated from <i>Anopheles sinensis</i> mosquitoes challenged with apoptosisâ€inducing chemical, actinomycinâ€D. Entomological Research, 2011, 41, 53-59.	0.6	2
92	Cloning and expression profiles of tumor suppressor QM homologue in response to granulovirus in Pieris rapae. Entomological Research, 2011, 41, 293-293.	0.6	0
93	Expression profiles of tumor suppressor QM homologue in response to budded virus infection (AcMNPV) in Spodoptera exigua. Entomological Research, 2011, 41, 294-294.	0.6	0
94	Gene expression profiles in acholeplasma-treated fat body cells of Tenebrio moliter. Entomological Research, 2011, 41, 295-295.	0.6	0
95	Molecular cloning and expression patterns of FK506-binding protein 12, an immunophilin from the cabbage butterfly, Pieris rapae. Entomological Research, 2011, 41, 296-296.	0.6	0
96	Comparative analysis of expressed sequence tags (ESTs) between normal group and softness syndrome group in Halocynthia roretzi. Molecular and Cellular Toxicology, 2011, 7, 357-365.	0.8	2
97	Expression of recombinant proteins in plants by using baculovirus vectors. Horticulture Environment and Biotechnology, 2011, 52, 95-104.	0.7	3
98	Isolation and expression analysis of a homolog of the 14–3–3 epsilon gene in the diamondback moth, <i>Plutella xylostella</i> . Archives of Insect Biochemistry and Physiology, 2011, 76, 114-124.	0.6	2
99	Cloning and expression pattern of a hemolin homologue from the diamondback moth, Plutella xylostella. Genes and Genomics, 2010, 32, 71-77.	0.5	5
100	Molecular cloning and expression profiles of calreticulin gene from the diamondback moth, <i>Plutella xylostella</i> . Entomological Research, 2010, 40, 217-224.	0.6	4
101	Molecular cloning and expression pattern of 14â€3â€3î¶ from the malaria vector, <i>Anopheles sinensis</i> . Entomological Research, 2009, 39, 123-128.	0.6	4
102	Peptideâ€based polyclonal antibody against mosquito 14â€3â€3ζ recognizes 14â€3â€3 homolog from dipteran lepidopteran insects. Entomological Research, 2009, 39, 129-134.	and 0.6	5
103	Cloning and expression pattern of 14â€3â€3ε from <i>Culex pipiens</i> . Entomological Research, 2009, 39, 192-195.	0.6	1
104	Cloning and bloodâ€meal dependent induction pattern of apolipophorinâ€III from <i>Anopheles sinensis</i> . Entomological Research, 2009, 39, 388-393.	0.6	0
105	Production of chitin―and chitosanâ€oligosaccharide using the edible insect, <scp> <i>Tenebrio molitor</i> </scp> . Entomological Research, 0, , .	0.6	2
106	Editorial: Innate Immune System Guiding Physiological Plasticity in Invertebrates. Frontiers in Physiology, 0, 13, .	1.3	1
107	Current Status of Immune Deficiency Pathway in Tenebrio molitor Innate Immunity. Frontiers in Immunology, 0, 13, .	2.2	8