

# Dae-Weon Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

274  
citations

1163117

8  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of basil and orange essential oils and their components against two coleopteran stored products insect pests. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 13-17.	0.9	72
2	RNA interference of pheromone biosynthesis-activating neuropeptide receptor suppresses mating behavior by inhibiting sex pheromone production in <i>Plutella xylostella</i> (L.). <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 236-243.	2.7	49
3	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	31
4	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	19
5	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.	1.4	16
6	Putative pheromone biosynthesis pathway in <i>Maruca vitrata</i> by transcriptomic analysis. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 165-173.	0.9	10
7	Comparative transcriptome analysis of pheromone biosynthesis-related gene expressions in <i>Plutella xylostella</i> (L.). <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1260-1266.	0.9	9
8	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
9	Large-scale lipidomic profiling identifies novel potential biomarkers for prion diseases and highlights lipid raft-related pathways. <i>Veterinary Research</i> , 2021, 52, 105.	3.0	9
10	Calreticulin in <i>Cotesia plutellae</i> suppresses immune response of <i>Plutella xylostella</i> (L.). <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 27-31.	0.9	8
11	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	8
12	Optimization of detection of black queen cell virus from <i>Bombus terrestris</i> via real-time PCR. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 9-12.	0.9	7
13	Identification of G protein-coupled receptors in the pheromone gland of <i>Maruca vitrata</i> by transcriptomic analysis. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 1203-1210.	0.9	7
14	RNA interference of trehalose phosphate synthase inhibits metamorphosis and decreases cold tolerance in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 1034-1039.	0.9	5
15	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
16	Identification and pheromonotropic activity of pheromone biosynthesis activating neuropeptide in <i>Maruca vitrata</i> . <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 156-160.	0.9	4
17	Suppression of pheromone biosynthesis and mating behavior by RNA interference of pheromone gland-specific fatty acyl reductase in <i>Maruca vitrata</i> . <i>Insect Science</i> , 2021, , .	3.0	4
18	Suppression of glycerol biosynthesis-related genes decreases the effect of rapid cold hardening in <i>Helicoverpa assulta</i> . <i>Entomological Research</i> , 0, , .	1.1	2

#	ARTICLE	IF	CITATIONS
19	Identification of Neuropeptide Receptors from the Brain of the Bean Pod Borer, <i>Maruca vitrata</i> . Journal of Asia-Pacific Entomology, 2021, 25, 101845-101845.	0.9	0