

# Jin Kyo Jung

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

622  
citations

567281

15  
h-index

610901

24  
g-index

37  
all docs

37  
docs citations

37  
times ranked

700  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                      | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Electrical penetration graphic waveforms in relation to the actual positions of the stylet tips of <i>Nilaparvata lugens</i> in rice tissue. <i>Journal of Asia-Pacific Entomology</i> , 2009, 12, 89-95.                                    | 0.9 | 77        |
| 2  | Population Genetic Structure of <i>Aphis glycines</i> . <i>Environmental Entomology</i> , 2009, 38, 1301-1311.                                                                                                                               | 1.4 | 52        |
| 3  | Mutational analysis of interaction between coat protein and helper componentâ€proteinase of <i>Soybean mosaic virus</i> involved in aphid transmission. <i>Molecular Plant Pathology</i> , 2010, 11, 265-276.                                | 4.2 | 43        |
| 4  | Effect of erythritol formulation on the mortality, fecundity and physiological excretion in <i>Drosophila suzukii</i> . <i>Journal of Insect Physiology</i> , 2017, 101, 178-184.                                                            | 2.0 | 36        |
| 5  | Detection of novel QTLs for foxglove aphid resistance in soybean. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1481-1488.                                                                                                            | 3.6 | 31        |
| 6  | The Biochemical Adaptations of Spotted Wing <i>Drosophila</i> (Diptera: Drosophilidae) to Fresh Fruits Reduced Fructose Concentrations and Glutathione-S Transferase Activities. <i>Journal of Economic Entomology</i> , 2016, 109, 973-981. | 1.8 | 29        |
| 7  | Time-Course RNA-Seq Analysis Reveals Transcriptional Changes in Rice Plants Triggered by Rice stripe virus Infection. <i>PLoS ONE</i> , 2015, 10, e0136736.                                                                                  | 2.5 | 26        |
| 8  | Sex Pheromone Composition and Monitoring of the Oriental Fruit Moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae) in Naju Pear Orchards. <i>Journal of Asia-Pacific Entomology</i> , 2002, 5, 201-207.                               | 0.9 | 23        |
| 9  | Alteration of insulin signaling to control insect pest by using transformed bacteria expressing dsRNA. <i>Pest Management Science</i> , 2020, 76, 1020-1030.                                                                                 | 3.4 | 23        |
| 10 | 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.        | 3.2 | 22        |
| 11 | 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 | 21        |
| 12 | Sex Pheromone Composition and Male Trapping of The Oriental Fruit Moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae) in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2001, 4, 31-35.                                           | 0.9 | 20        |
| 13 | Control of the Oriental Fruit Moth, <i>Grapholita molesta</i> (Busck) (Lepidoptera: Tortricidae) by Mating Disruption with Sex Pheromone in Pear Orchards. <i>Journal of Asia-Pacific Entomology</i> , 2003, 6, 97-104.                      | 0.9 | 20        |
| 14 | Survival rate and stylet penetration behavior of current Korean populations of the brown planthopper, <i>Nilaparvata lugens</i> , on resistant rice varieties. <i>Journal of Asia-Pacific Entomology</i> , 2010, 13, 1-7.                    | 0.9 | 19        |
| 15 | Sex Pheromone Composition and Male Trapping of the Peach Fruit Moth, <i>Carposina sasakii</i> (Matsumura) (Lepidoptera: Carposinidae) in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2000, 3, 83-88.                                  | 0.9 | 16        |
| 16 | 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        |
| 17 | Application of insulin signaling to predict insect growth rate in <i>Maruca vitrata</i> (Lepidoptera:) Tj ETQq1 1 0.784314 <small>rgBT /Overlock 10</small>                                                                                  | 2.5 | 15        |
| 18 | Feeding Inhibition of the Brown Planthopper, <i>Nilaparvata lugens</i> (Homoptera: Delphacidae) on a Resistant Rice Variety. <i>Journal of Asia-Pacific Entomology</i> , 2005, 8, 301-308.                                                   | 0.9 | 14        |

| #  | ARTICLE                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Cross-Species Amplification and Polymorphism of Microsatellite Loci in the Soybean Aphid, <i>Aphis glycines</i> . <i>Journal of Economic Entomology</i> , 2009, 102, 1389-1392.                                                                             | 1.8 | 14        |
| 20 | An orange-eye mutant of the brown planthopper, <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Journal of Asia-Pacific Entomology</i> , 2011, 14, 469-472.                                                                                           | 0.9 | 12        |
| 21 | Effects of different sex pheromone compositions and host plants on the mating behavior of two <i>Grapholita</i> species. <i>Journal of Asia-Pacific Entomology</i> , 2013, 16, 507-512.                                                                     | 0.9 | 10        |
| 22 | 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        |
| 23 | Attraction of the Bean Bug, <i>Riptortus clavatus</i> (Thunberg) (Hemiptera: Alydidae), by Opposite Sexes in a Soybean Field. <i>Journal of Asia-Pacific Entomology</i> , 2003, 6, 239-241.                                                                 | 0.9 | 9         |
| 24 | Electroantennogram and field responses of Korean population of the rice leaf folder, <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Crambidae), to sex attractant candidates. <i>Journal of Asia-Pacific Entomology</i> , 2013, 16, 61-66.                   | 0.9 | 8         |
| 25 | 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         |
| 26 | 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         |
| 27 | 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.                                              | 2.2 | 6         |
| 28 | Fine-mapping and candidate gene analysis for the foxglove aphid resistance gene <i>Raso2</i> from wild soybean PI 366121. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2687-2698.                                                                   | 3.6 | 6         |
| 29 | Forecasting Spring Emergence of the Asian Corn Borer, <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae), Based on Postdiapause Development Rate. <i>Journal of Economic Entomology</i> , 2017, 110, 2443-2451.                                            | 1.8 | 5         |
| 30 | Development of Sex Pheromone Trap for Monitoring <i>Matsumuraeses falcana</i> (Walshingham) (Lepidoptera: Tortricidae). <i>Journal of Asia-Pacific Entomology</i> , 2007, 10, 345-349.                                                                      | 0.9 | 4         |
| 31 | Coding and long non-coding RNAs regulating adult migratory locust ( <i>Locusta migratoria</i> ) brain polyphenism revealed via whole transcriptome analyses. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 58-68.                                   | 0.9 | 4         |
| 32 | 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         |
| 33 | A PCR Method to Distinguish <i>Matsumuraeses phaseoli</i> from <i>M. falcana</i> Based on the Difference of Nucleotide Sequence in the Mitochondrial Cytochrome c Oxidase Subunit I. <i>Korean Journal of Applied Entomology</i> , 2012, 51, 365-370.       | 0.3 | 4         |
| 34 | Identification and application of the sex pheromones of the rice green caterpillar <i>Naranga aenescens</i> in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 191-197.                                                                        | 0.9 | 3         |
| 35 | Feeding Behavior of the Small Brown Planthopper, <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae) on Rice Plants Based on EPG Waveform, Honeydew Excretion, and Microsection Analysis. <i>Korean Journal of Applied Entomology</i> , 2016, , 351-358. | 0.3 | 3         |
| 36 | Identification of microRNAs and their target transcripts in the migratory locust adult brain revealed their roles in the epigenetic regulation of polyphenisms. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1396-1401.                            | 0.9 | 2         |

| #  | ARTICLE                                                                                                                               | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Isolation of Melezitose from Honeydew Excreted by <i>Nephotettix cincticeps</i> UHLER (Homoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock | 0.1 | 0         |