# Ensi Shao

List of Publications by Year
in descending order

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | Transcriptional profiling analysis of Spodoptera litura larvae challenged with Vip3Aa toxin and possible involvement of trypsin in the toxin activation. Scientific Reports, 2016, 6, 23861. | 3.3 | 34 |
| 2 | Loop replacements with gut-binding peptides in Cry1Ab domain II enhanced toxicity against the brown planthopper, Nilaparvata lugens (StÃ¥l). Scientific Reports, 2016, 6, 20106. | 3.3 | 32 |
| 3 | Characterization of bacterial communities associated with the pinewood nematode insect vector Monochamus alternatus Hope and the host tree Pinus massoniana. BMC Genomics, 2020, 21, 337. | 2.8 | 24 |
| 4 | Identification of Genes Relevant to Pesticides and Biology from Global Transcriptome Data of Monochamus alternatus Hope (Coleoptera: Cerambycidae) Larvae. PLoS ONE, 2016, 11, e0147855. | 2.5 | 19 |
| 5 | Insecticidal Activity and Histopathological Effects of Vip3Aa Protein from Bacillus thuringiensis on Spodoptera litura. Journal of Microbiology and Biotechnology, 2016, 26, 1774-1780. | 2.1 | 16 |
| 6 | Proteolytic processing of Bacillus thuringiensis toxin Cry1Ab in rice brown planthopper, Nilaparvata lugens (StÃ¥l). Journal of Invertebrate Pathology, 2013, 114, 255-257. | 3.2 | 14 |
| 7 | Oligomer Formation and Insecticidal Activity of Bacillus thuringiensis Vip3Aa Toxin. Toxins, 2020, 12, 274. | 3.4 | 12 |
| 8 | Analysis of Homologs of Cry-toxin Receptor-Related Proteins in the Midgut of a Non-Bt Target, Nilaparvata lugens (StÃ¥l) (Hemiptera: Delphacidae). Journal of Insect Science, 2018, 18, . | 1.5 | 9 |
| 9 | Purification and partial characterization of intact and truncated chitinase from Bacillus thuringiensis HZP7 expressed in Escherichia coli. Biotechnology Letters, 2016, 38, 279-284. | 2.2 | 7 |
| 10 | Physiological and biochemical response of<i>Aedes aegypti</i>tolerance to<i>Bacillus thuringiensis</i>. Biocontrol Science and Technology, 2016, 26, 227-238. | 1.3 | 3 |
| 11 | Effect of proteolytic and detoxification enzyme inhibitors on <i>Bacillus thuringiensis</i> var. <i>israelensis</i> tolerance in the mosquito <i>Aedes aegypti</i>. Biocontrol Science and Technology, 2017, 27, 169-179. | 1.3 | 1 |
| 12 | <i>In vitro</i>hydrolysis of<i>Bacillus thuringiensis</i>Cry1Ac toxin by gut proteases of<i>Nilaparvata lugens</i>(StÃ¥l) and binding assays of Cry1Ac toxin with brush border membrane of<i>N.Âlugens</i>midgut. Biocontrol Science and Technology, 2018, 28, 446-458. | 1.3 | 1 |
| 13 | Conversion of spent Juncao Substrate into reducing sugar using a one-step method. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13. | 2.3 | 1 |
| 14 | Transcriptomic and proteomic analysis of putative digestive proteases in the salivary gland and gut of Empoasca (Matsumurasca) onukii Matsuda. BMC Genomics, 2021, 22, 271. | 2.8 | 1 |