

Fan Wu

List of Publications by Year in descending order

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36
papers

794
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829
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dietary supplementation of sodium butyrate may benefit growth performance and intestinal function in juvenile grass carp (<i>Ctenopharyngodon idellus</i>). Aquaculture Research, 2017, 48, 4102-4111. | 1.8 | 64 |
| 2 | Neonicotinoid insecticide interact with honeybee odorant-binding protein: Implication for olfactory dysfunction. International Journal of Biological Macromolecules, 2015, 81, 624-630. | 7.5 | 62 |
| 3 | Cross-species transferability of EST-SSR markers developed from the transcriptome of <i>Melilotus</i> and their application to population genetics research. Scientific Reports, 2017, 7, 17959. | 3.3 | 53 |
| 4 | Effect of stocking density on growth performance, serum biochemical parameters, and muscle texture properties of genetically improved farm tilapia, <i>Oreochromis niloticus</i> . Aquaculture International, 2018, 26, 1247-1259. | 2.2 | 49 |
| 5 | Creatine improves the flesh quality of Pacific white shrimp (<i>Litopenaeus vannamei</i>) reared in freshwater. Food Chemistry, 2021, 354, 129498. | 8.2 | 41 |
| 6 | In-depth Proteome of the Hypopharyngeal Glands of Honeybee Workers Reveals Highly Activated Protein and Energy Metabolism in Priming the Secretion of Royal Jelly. Molecular and Cellular Proteomics, 2019, 18, 606-621. | 3.8 | 39 |
| 7 | The mutual effects of graphene oxide nanosheets and cadmium on the growth, cadmium uptake and accumulation in rice. Plant Physiology and Biochemistry, 2020, 147, 289-294. | 5.8 | 37 |
| 8 | Proteomics Reveals the Molecular Underpinnings of Stronger Learning and Memory in Eastern Compared to Western Bees. Molecular and Cellular Proteomics, 2018, 17, 255-269. | 3.8 | 33 |
| 9 | Caffeic acid phenethyl ester exhibiting distinctive binding interaction with human serum albumin implies the pharmacokinetic basis of propolis bioactive components. Journal of Pharmaceutical and Biomedical Analysis, 2016, 122, 21-28. | 2.8 | 31 |
| 10 | The Megalobrama amblycephala transferrin and transferrin receptor genes: Molecular cloning, characterization and expression during early development and after <i>Aeromonas hydrophila</i> infection. Developmental and Comparative Immunology, 2015, 49, 290-297. | 2.3 | 28 |
| 11 | Mining Late Embryogenesis Abundant (LEA) Family Genes in <i>Cleistogenes songorica</i> , a Xerophyte Perennial Desert Plant. International Journal of Molecular Sciences, 2018, 19, 3430. | 4.1 | 28 |
| 12 | Semisynthetic ferulic acid derivative: an efficient feed additive for Genetically Improved Farmed Tilapia (<i>Oreochromis niloticus</i>). Aquaculture Research, 2017, 48, 5017-5028. | 1.8 | 23 |
| 13 | Sublethal doses of neonicotinoid imidacloprid can interact with honey bee chemosensory protein 1 (CSP1) and inhibit its function. Biochemical and Biophysical Research Communications, 2017, 486, 391-397. | 2.1 | 23 |
| 14 | Brain Membrane Proteome and Phosphoproteome Reveal Molecular Basis Associating with Nursing and Foraging Behaviors of Honeybee Workers. Journal of Proteome Research, 2017, 16, 3646-3663. | 3.7 | 23 |
| 15 | Molecular cloning and gene/protein expression of FAT/CD36 from grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 43, 875-888. | 2.3 | 21 |
| 16 | Physicochemical Evidence on Sublethal Neonicotinoid Imidacloprid Interacting with an Odorant-Binding Protein from the Tea Geometrid Moth, <i>Ectropis obliqua</i> . Journal of Agricultural and Food Chemistry, 2017, 65, 3276-3284. | 5.2 | 21 |
| 17 | Physicochemical Basis and Comparison of Two Type II Sex Pheromone Components Binding with Pheromone-Binding Protein 2 from Tea Geometrid, <i>Ectropis obliqua</i> . Journal of Agricultural and Food Chemistry, 2018, 66, 13084-13095. | 5.2 | 20 |
| 18 | Coumarin Content, Morphological Variation, and Molecular Phylogenetics of <i>Melilotus</i> . Molecules, 2018, 23, 810. | 3.8 | 18 |

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|----|--|-----|-----------|
| 19 | Dietary vitamin E effects on growth, fillet textural parameters, and antioxidant capacity of genetically improved farmed tilapia (GIFT), <i>Oreochromis niloticus</i> . <i>Aquaculture International</i> , 2017, 25, 991-1003. | 2.2 | 17 |
| 20 | Combinatorial multispectral, thermodynamics, docking and site-directed mutagenesis reveal the cognitive characteristics of honey bee chemosensory protein to plant semiochemical. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 346-353. | 3.9 | 17 |
| 21 | Dietary phosphatidylcholine impacts on growth performance and lipid metabolism in adult Genetically Improved Farmed Tilapia (GIFT) strain of Nile tilapia <i>Oreochromis niloticus</i> . <i>British Journal of Nutrition</i> , 2018, 119, 12-21. | 2.3 | 16 |
| 22 | Behavioural, physiological and molecular changes in alloparental caregivers may be responsible for selection response for female reproductive investment in honey bees. <i>Molecular Ecology</i> , 2019, 28, 4212-4227. | 3.9 | 16 |
| 23 | Various Bee Pheromones Binding Affinity, Exclusive Chemosensillar Localization, and Key Amino Acid Sites Reveal the Distinctive Characteristics of Odorant-Binding Protein 11 in the Eastern Honey Bee, <i>Apis cerana</i> . <i>Frontiers in Physiology</i> , 2018, 9, 422. | 2.8 | 14 |
| 24 | AMPK activation by dietary AICAR affects the growth performance and glucose and lipid metabolism in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2020, 26, 3-14. | 2.7 | 12 |
| 25 | Analysis of microRNA reveals cleistogamous and chasmogamous floret divergence in dimorphic plant. <i>Scientific Reports</i> , 2018, 8, 6287. | 3.3 | 11 |
| 26 | Chemical structure of semiochemicals and key binding sites together determine the olfactory functional modes of odorant-binding protein 2 in Eastern honey bee, <i>Apis cerana</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 145, 876-884. | 7.5 | 11 |
| 27 | Mechanistic insight into binding interaction between chemosensory protein 4 and volatile larval pheromones in honeybees (<i>Apis mellifera</i>). <i>International Journal of Biological Macromolecules</i> , 2019, 141, 553-563. | 7.5 | 10 |
| 28 | The Neuropoteomic Basis of Enhanced Perception and Processing of Brood Signals That Trigger Increased Reproductive Investment in Honeybee (<i>Apis mellifera</i>) Workers. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1632-1648. | 3.8 | 10 |
| 29 | Tachykinin signaling inhibits task-specific behavioral responsiveness in honeybee workers. <i>ELife</i> , 2021, 10, . | 6.0 | 10 |
| 30 | Effects of dietary manipulation on compensatory growth of juvenile genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 21-32. | 2.3 | 9 |
| 31 | Genetic Improvement of Key Agronomic Traits in <i>Melilotus albus</i> . <i>Crop Science</i> , 2018, 58, 285-294. | 1.8 | 7 |
| 32 | Genetic variation and diversity in 199 <i>Melilotus</i> accessions based on a combination of 5 DNA sequences. <i>PLoS ONE</i> , 2018, 13, e0194172. | 2.5 | 7 |
| 33 | Unique dynamic mode between Artepillin C and human serum albumin implies the characteristics of Brazilian green propolis representative bioactive component. <i>Scientific Reports</i> , 2020, 10, 17277. | 3.3 | 6 |
| 34 | Study on Specific <i>Apis cerana</i> Honeybee Queen Pheromone Biosensor Based on Pheromone-Binding Protein ASP1. <i>IEEE Sensors Journal</i> , 2021, 21, 8855-8860. | 4.7 | 3 |
| 35 | Differences in ASP1 expression and binding dynamics to queen mandibular pheromone HOB between <i>Apis mellifera</i> and <i>Apis cerana</i> workers reveal olfactory adaptation to colony organization. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 583-591. | 7.5 | 3 |
| 36 | Application of indigenous honeybees in dispersing <i>Trichoderma harzianum</i> spores for control of the strawberry grey mould. <i>Biocontrol Science and Technology</i> , 2021, 31, 418-429. | 1.3 | 1 |