Fan Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1400418/publications.pdf

Version: 2024-02-01

36	794	471509 17	526287 27
papers	citations	h-index	g-index

38	38	38	829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differences in ASP1 expression and binding dynamics to queen mandibular pheromone HOB between Apis mellifera and Apis cerana workers reveal olfactory adaptation to colony organization. International Journal of Biological Macromolecules, 2022, 217, 583-591.	7.5	3
2	Application of indigenous honeybees in dispersing Trichoderma harzianum spores for control of the strawberry grey mould. Biocontrol Science and Technology, 2021, 31, 418-429.	1.3	1
3	Tachykinin signaling inhibits task-specific behavioral responsiveness in honeybee workers. ELife, 2021, 10, .	6.0	10
4	Study on Specific Apis cerana Honeybee Queen Pheromone Biosensor Based on Pheromone-Binding Protein ASP1. IEEE Sensors Journal, 2021, 21, 8855-8860.	4.7	3
5	Creatine improves the flesh quality of Pacific white shrimp (Litopenaeus vannamei) reared in freshwater. Food Chemistry, 2021, 354, 129498.	8.2	41
6	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
7	AMPK activation by dietary AICAR affects the growth performance and glucose and lipid metabolism in juvenile grass carp. Aquaculture Nutrition, 2020, 26, 3-14.	2.7	12
8	Chemical structure of semiochemicals and key binding sites together determine the olfactory functional modes of odorant-binding protein 2 in Eastern honey bee, Apis cerana. International Journal of Biological Macromolecules, 2020, 145, 876-884.	7.5	11
9	The Neuroproteomic Basis of Enhanced Perception and Processing of Brood Signals That Trigger Increased Reproductive Investment in Honeybee (Apis mellifera) Workers. Molecular and Cellular Proteomics, 2020, 19, 1632-1648.	3.8	10
10	Unique dynamic mode between Artepillin C and human serum albumin implies the characteristics of Brazilian green propolis representative bioactive component. Scientific Reports, 2020, 10, 17277.	3.3	6
11	Effects of dietary manipulation on compensatory growth of juvenile genetically improved farmed tilapia (Oreochromis niloticus). Fish Physiology and Biochemistry, 2019, 45, 21-32.	2.3	9
12	Behavioural, physiological and molecular changes in alloparental caregivers may be responsible for selection response for female reproductive investment in honey bees. Molecular Ecology, 2019, 28, 4212-4227.	3.9	16
13	Mechanistic insight into binding interaction between chemosensory protein 4 and volatile larval pheromones in honeybees (Apis mellifera). International Journal of Biological Macromolecules, 2019, 141, 553-563.	7.5	10
14	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
15	Analysis of microRNA reveals cleistogamous and chasmogamous floret divergence in dimorphic plant. Scientific Reports, 2018, 8, 6287.	3.3	11
16	Dietary phosphatidylcholine impacts on growth performance and lipid metabolism in adult Genetically Improved Farmed Tilapia (GIFT) strain of Nile tilapiaOreochromis niloticus. British Journal of Nutrition, 2018, 119, 12-21.	2.3	16
17	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
18	Mining Late Embryogenesis Abundant (LEA) Family Genes in Cleistogenes songorica, a Xerophyte Perennial Desert Plant. International Journal of Molecular Sciences, 2018, 19, 3430.	4.1	28

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19	Physicochemical Basis and Comparison of Two Type II Sex Pheromone Components Binding with Pheromone-Binding Protein 2 from Tea Geometrid, Ectropis obliqua. Journal of Agricultural and Food Chemistry, 2018, 66, 13084-13095.	5.2	20
20	Genetic Improvement of Key Agronomic Traits in Melilotus albus. Crop Science, 2018, 58, 285-294.	1.8	7
21	Combinatorial multispectral, thermodynamics, docking and site-directed mutagenesis reveal the cognitive characteristics of honey bee chemosensory protein to plant semiochemical. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 346-353.	3.9	17
22	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, Apis cerana. Frontiers in Physiology, 2018, 9, 422.	2.8	14
23	Effect of stocking density on growth performance, serum biochemical parameters, and muscle texture properties of genetically improved farm tilapia, Oreochromis niloticus. Aquaculture International, 2018, 26, 1247-1259.	2.2	49
24	Coumarin Content, Morphological Variation, and Molecular Phylogenetics of Melilotus. Molecules, 2018, 23, 810.	3.8	18
25	Genetic variation and diversity in 199 Melilotus accessions based on a combination of 5 DNA sequences. PLoS ONE, 2018, 13, e0194172.	2.5	7
26	Molecular cloning and gene/protein expression of FAT/CD36 from grass carp (Ctenopharyngodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 43, 875-888.	2.3	21
27	Physicochemical Evidence on Sublethal Neonicotinoid Imidacloprid Interacting with an Odorant-Binding Protein from the Tea Geometrid Moth, Ectropis obliqua. Journal of Agricultural and Food Chemistry, 2017, 65, 3276-3284.	5.2	21
28	Semisynthetic ferulic acid derivative: an efficient feed additive for Genetically Improved Farmed Tilapia (Oreochromis niloticus). Aquaculture Research, 2017, 48, 5017-5028.	1.8	23
29	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
30	Dietary vitamin E effects on growth, fillet textural parameters, and antioxidant capacity of genetically improved farmed tilapia (GIFT), Oreochromis niloticus. Aquaculture International, 2017, 25, 991-1003.	2.2	17
31	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
32	Dietary supplementation of sodium butyrate may benefit growth performance and intestinal function in juvenile grass carp (Ctenopharyngodon idellus). Aquaculture Research, 2017, 48, 4102-4111.	1.8	64
33	Cross-species transferability of EST-SSR markers developed from the transcriptome of Melilotus and their application to population genetics research. Scientific Reports, 2017, 7, 17959.	3.3	53
34	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
35	The Megalobrama amblycephala transferrin and transferrin receptor genes: Molecular cloning, characterization and expression during early development and after Aeromonas hydrophila infection. Developmental and Comparative Immunology, 2015, 49, 290-297.	2.3	28
36	Neonicotinoid insecticide interact with honeybee odorant-binding protein: Implication for olfactory dysfunction. International Journal of Biological Macromolecules, 2015, 81, 624-630.	7.5	62