Fu Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2373416/publications.pdf

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32	361	1040056	888059
papers	citations	9	17
		h-index	g-index

32	32	32	457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification and Expression Profiling of Chemosensory Genes in Dendrolimus punctatus Walker. Frontiers in Physiology, 2017, 8, 471.	2.8	37
2	Chromosomeâ€level genome assembly of an important pine defoliator, Dendrolimus punctatus (Lepidoptera; Lasiocampidae). Molecular Ecology Resources, 2020, 20, 1023-1037.	4.8	34
3	Polyflavanostilbene A, a New Flavanol-Fused Stilbene Glycoside from Polygonum cuspidatum. Organic Letters, 2013, 15, 674-677.	4.6	32
4	A New Analogue of Echinomycin and a New Cyclic Dipeptide from a Marine-Derived Streptomyces sp. LS298. Marine Drugs, 2015, 13, 6947-6961.	4.6	28
5	Neuroprotective naphthalene and flavan derivatives from Polygonum cuspidatum. Phytochemistry, 2015, 110, 150-159.	2.9	27
6	Dynamic Changes in Chemosensory Gene Expression during the Dendrolimus punctatus Mating Process. Frontiers in Physiology, 2017, 8, 1127.	2.8	25
7	NMR Spectroscopic Method for the Assignment of 3,5-Dioxygenated Aromatic Rings in Natural Products. Journal of Natural Products, 2015, 78, 705-711.	3.0	24
8	Differential patterns of ophiostomatoid fungal communities associated with three sympatric Tomicus species infesting pines in south-western China, with a description of four new species. MycoKeys, 2019, 50, 93-133.	1.9	21
9	Functional investigation of monoterpenes for improved understanding of the relationship between hosts and bark beetles. Journal of Applied Entomology, 2021, 145, 303-311.	1.8	15
10	SEM analysis of sensilla on the mouthparts and antennae of Asian larch bark beetle Ips subelongatus. Micron, 2021, 140, 102976.	2.2	11
11	Chemical signal interactions of the bark beetle with fungal symbionts, and host/non-host trees. Journal of Experimental Botany, 2020, 71, 6084-6091.	4.8	10
12	Egg Deposition of Micromelalopha sieversi (Staudinger) on Clones of Populus from Section Aigeiros Induces Resistance in Neighboring Plants. Forests, 2019, 10, 110.	2.1	9
13	Coding and Non-coding RNAs: Molecular Basis of Forest-Insect Outbreaks. Frontiers in Cell and Developmental Biology, 2020, 8, 369.	3.7	9
14	A novel adduct of ECG fused to piceid and four new dimeric stilbene glycosides from Polygonum cuspidatum. RSC Advances, 2016, 6, 60741-60748.	3.6	8
15	Differences in Gut Bacterial Communities of Ips typographus (Coleoptera: Curculionidae) Induced by Enantiomer-Specific Î±-Pinene. Environmental Entomology, 2020, 49, 1198-1205.	1.4	7
16	Comparative Analysis of Eight Mitogenomes of Bark Beetles and Their Phylogenetic Implications. Insects, 2021, 12, 949.	2.2	7
17	RNAi Efficiency through dsRNA Injection Is Enhanced by Knockdown of dsRNA Nucleases in the Fall Webworm, Hyphantria cunea (Lepidoptera: Arctiidae). International Journal of Molecular Sciences, 2022, 23, 6182.	4.1	7
18	Ultrastructure of antennal sensilla of Erannis ankeraria Staudinger (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (Ge	2.2	5

#	Article	IF	Citations
19	Initial Location Preference Together with Aggregation Pheromones Regulate the Attack Pattern of Tomicus brevipilosus (Coleoptera: Curculionidae) on Pinus kesiya. Forests, 2019, 10, 156.	2.1	5
20	Identification and Expression Patterns of Opsin Genes in a Forest Insect, Dendrolimus punctatus. Insects, 2020, 11, 116.	2.2	5
21	Chemosensory Characteristics of Two Semanotus bifasciatus Populations. Forests, 2019, 10, 655.	2.1	4
22	Facile and Efficient Syntheses of (11Z,13Z)-Hexadecadienal and Its Derivatives: Key Sex Pheromone and Attractant Components of Notodontidae. Molecules, 2019, 24, 1781.	3.8	4
23	Epibiotic Fungal Communities of Three Tomicus spp. Infesting Pines in Southwestern China. Microorganisms, 2020, 8, 15.	3.6	4
24	Lineage Divergence of Dendrolimus punctatus in Southern China Based on Mitochondrial Genome. Frontiers in Genetics, 2020, 11, 65.	2.3	4
25	Monoterpenoid signals and their transcriptional responses to feeding and juvenile hormone regulation in bark beetle Ips hauser i. Journal of Experimental Biology, 2021, 224, .	1.7	4
26	Effect of Micromelalopha sieversi (Staudinger) Oviposition Behavior on the Transcriptome of Two Populus Section Aigeiros Clones. Forests, 2020, 11, 1021.	2.1	3
27	Comparative analysis of the type and number of larval sensilla on the antennae and mouthparts of Ips typographus and Ips subelongatus using SEM. Zoologischer Anzeiger, 2020, 289, 18-25.	0.9	3
28	Morphological analysis of sensilla on different organs in Pachyneuron aphidis , a hyperparasitoid of Myzus persicae. Microscopy Research and Technique, 2019, 82, 1810-1818.	2.2	2
29	Bioactive amides from Polygonum cuspidatum. Journal of Asian Natural Products Research, 2021, 23, 228-234.	1.4	2
30	Stereospecific synthesis of S-(â^')-trans-verbenol and its antipode by inversion of sterically hindered alcohols. Journal of Asian Natural Products Research, 2022, 24, 569-576.	1.4	2
31	Insights into the Divergence of Chinese Ips Bark Beetles during Evolutionary Adaptation. Biology, 2022, 11, 384.	2.8	2
32	Synthesis and bioactivity of (13 Z , 15 E)â€octadecadienal: A sex pheromone component from Micromelalopha siversi Staudinger (Lepidoptera: Notodontidae). Pest Management Science, 2021, 77, 264-272.	3.4	1