

Fei Hu

List of Publications by Year in descending order

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49
papers

1,930
citations

279778

23
h-index

265191

42
g-index

49
all docs

49
docs citations

49
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome Analysis of the Oriental Fruit Fly (<i>Bactrocera dorsalis</i>). PLoS ONE, 2011, 6, e29127.	2.5	135
2	Recent updates on the chemistry, bioactivities, mode of action, and industrial applications of plant essential oils. Trends in Food Science and Technology, 2021, 110, 78-89.	15.1	129
3	Antibacterial Activity and Mechanism of Ginger Essential Oil against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . Molecules, 2020, 25, 3955.	3.8	107
4	Preparation and characterization of clove essential oil loaded nanoemulsion and pickering emulsion activated pullulan-gelatin based edible film. International Journal of Biological Macromolecules, 2021, 181, 528-539.	7.5	107
5	Comparison of antifungal activity of essential oils from different plants against three fungi. Food and Chemical Toxicology, 2019, 134, 110821.	3.6	101
6	Toxicities and Synergistic Effects of Several Insecticides Against the Oriental Fruit Fly (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.8	80
7	Effects of Thermal Stress on Lipid Peroxidation and Antioxidant Enzyme Activities of Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). Florida Entomologist, 2011, 94, 956-963.	0.5	76
8	Metabolic Effect of 1-Deoxynojirimycin from Mulberry Leaves on Diabetic Mice Using Liquid Chromatography-Mass Spectrometry Based Metabolomics. Journal of Agricultural and Food Chemistry, 2017, 65, 4658-4667.	5.2	74
9	Molecular mechanism of anti-cancerous potential of Morin extracted from mulberry in Hela cells. Food and Chemical Toxicology, 2018, 112, 466-475.	3.6	72
10	Anti-Cancerous Potential of Polysaccharide Fractions Extracted from Peony Seed Dreg on Various Human Cancer Cell Lines Via Cell Cycle Arrest and Apoptosis. Frontiers in Pharmacology, 2017, 8, 102.	3.5	69
11	Comparison of antibacterial effects and fumigant toxicity of essential oils extracted from different plants. Industrial Crops and Products, 2018, 124, 192-200.	5.2	68
12	A recent update on the multifaceted health benefits associated with ginger and its bioactive components. Food and Function, 2021, 12, 519-542.	4.6	68
13	Multiple glutathione-S-transferase genes: identification and expression in oriental fruit fly, <i>Bactrocera dorsalis</i> . Pest Management Science, 2014, 70, 295-303.	3.4	65
14	Identification and hydrolysis kinetic of a novel antioxidant peptide from pecan meal using Alcalase. Food Chemistry, 2018, 261, 301-310.	8.2	65
15	Scanning electron microscopy studies of antennal sensilla of bruchid beetles, <i>Callosobruchus chinensis</i> (L.) and <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae). Micron, 2009, 40, 320-326.	2.2	64
16	10-Gingerol, a Phytochemical Derivative from Tongling White Ginger, Inhibits Cervical Cancer: Insights into the Molecular Mechanism and Inhibitory Targets. Journal of Agricultural and Food Chemistry, 2017, 65, 2089-2099.	5.2	58
17	Icariside II inhibits tumorigenesis via inhibiting AKT/Cyclin E/ CDK 2 pathway and activating mitochondria-dependent pathway. Pharmacological Research, 2020, 152, 104616.	7.1	44
18	Riboflavin-overproducing lactobacilli for the enrichment of fermented soymilk: insights into improved nutritional and functional attributes. Applied Microbiology and Biotechnology, 2020, 104, 5759-5772.	3.6	43

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19	Effects of sulfated, phosphorylated and carboxymethylated modifications on the antioxidant activities in-vitro of polysaccharides sequentially extracted from <i>Amana edulis</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 146, 887-896.	7.5	39
20	Cross-talk between 10-gingerol and its anti-cancerous potential: a recent update. <i>Food and Function</i> , 2017, 8, 2635-2649.	4.6	34
21	Icariside II suppresses cervical cancer cell migration through JNK modulated matrix metalloproteinase-2/9 inhibition in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110013.	5.6	32
22	Morphological Characterization and Distribution of Antennal Sensilla of Six Fruit Flies (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.5	29
23	Identification and expression profiles of twenty-six glutathione S-transferase genes from rice weevil, <i>Sitophilus oryzae</i> (Coleoptera: Curculionidae). <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1063-1071.	7.5	29
24	Morin as an imminent functional food ingredient: an update on its enhanced efficacy in the treatment and prevention of metabolic syndromes. <i>Food and Function</i> , 2020, 11, 8424-8443.	4.6	25
25	Influence of <i>Wolbachia</i> Infection on the Fitness of the Stored-Product Pest <i>Liposcelis tricolor</i> (Psocoptera: Liposcelididae). <i>Journal of Economic Entomology</i> , 2007, 100, 1476-1481.	1.8	24
26	Transcriptome analysis reveals gene expression changes of the fat body of silkworm (<i>Bombyx mori</i> L.) in response to selenium treatment. <i>Chemosphere</i> , 2020, 245, 125660.	8.2	24
27	Preparation and Characterization of Bio-Nanocomposites Film of Chitosan and Montmorillonite Incorporated with Ginger Essential Oil and Its Application in Chilled Beef Preservation. <i>Antibiotics</i> , 2021, 10, 796.	3.7	20
28	Acute, genetic and sub-chronic toxicities of flaxseed derived Maillard reaction products. <i>Food and Chemical Toxicology</i> , 2019, 131, 110580.	3.6	19
29	The rheological properties and emulsifying behavior of polysaccharides sequentially extracted from <i>Amana edulis</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 137, 160-168.	7.5	18
30	Development and Reproduction of the Psocid <i>Liposcelis tricolor</i> (Psocoptera: Liposcelididae) as a Function of Temperature. <i>Annals of the Entomological Society of America</i> , 2007, 100, 228-235.	2.5	17
31	Effects of okara and vitamin B2 bioenrichment on the functional properties and in vitro digestion of fermented soy milk. <i>Food Research International</i> , 2021, 145, 110419.	6.2	17
32	Isolation functional characterization of allatotropin receptor from the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Peptides</i> , 2019, 122, 169874.	2.4	16
33	Riboflavin Bioenriched Soymilk Alleviates Oxidative Stress Mediated Liver Injury, Intestinal Inflammation, and Gut Microbiota Modification in B ₂ Depletion Repletion Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3818-3831.	5.2	16
34	Purification and Biochemical Characterization of Glutathione S-Transferases in <i>Bactrocera minax</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , 2012, 95, 593-601.	0.5	15
35	Antennal sensillae of five stored-product psocids pests (Psocoptera: Liposcelididae). <i>Micron</i> , 2009, 40, 628-634.	2.2	14
36	Purification and biochemical characterization of glutathione S-transferases from four field populations of <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2011, 78, 201-215.	1.5	14

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37	Morphology and Distribution of Sensilla on Tarsi and Ovipositors of Six Fruit Flies (Diptera: Tephritidae). <i>Journal of Insect Science and Technology</i> , 2019, 18, 1-14.	0.784314	14
38	Effect of Dietary Selenium Supplementation on Growth and Reproduction of Silkworm <i>Bombyx mori</i> L.. <i>Biological Trace Element Research</i> , 2020, 193, 271-281.	3.5	13
39	Isolation and functional characterization of the pheromone biosynthesis activating neuropeptide receptor of Chinese oak silkworm, <i>Antheraea pernyi</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 117, 42-50.	7.5	12
40	Transcriptome Analysis Reveals the Gene Expression Changes in the Silkworm (<i>Bombyx mori</i>) in Response to Hydrogen Sulfide Exposure. <i>Insects</i> , 2021, 12, 1110.	2.2	11
41	Functional and emulsification characteristics of phospholipids and derived o/w emulsions from peony seed meal. <i>Food Chemistry</i> , 2022, 389, 133112.	8.2	10
42	Morphological Characterization and Distribution of Sensilla on Maxillary Palpi of Six Fruit Flies (Diptera: Tephritidae). <i>Florida Entomologist</i> , 2011, 94, 379-388.	0.5	9
43	Identification and expression analysis of four heat shock protein genes associated with thermal stress in rice weevil, <i>Sitophilus oryzae</i> . <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 872-879.	0.9	8
44	Evaluation of the Metabolic Effects of Hydrogen Sulfide on the Development of <i>Bombyx mori</i> (Lepidoptera: Bombycidae), Using Liquid Chromatography-Mass Spectrometry-Based Metabolomics. <i>Journal of Insect Science</i> , 2020, 20, .	1.5	8
45	Integration of miRNAs, Degradome, and Transcriptome Omics Uncovers a Complex Regulatory Network and Provides Insights Into Lipid and Fatty Acid Synthesis During Sesame Seed Development. <i>Frontiers in Plant Science</i> , 2021, 12, 709197.	3.6	7
46	In vitro Prebiotic Effects of Bamboo Shoots and Potato Peel Extracts on the Proliferation of Lactic Acid Bacteria Under Simulated GIT Conditions. <i>Frontiers in Microbiology</i> , 2018, 9, 2114.	3.5	6
47	Valorization of Spent <i>Escherichia coli</i> Media Using Green Microalgae <i>Chlamydomonas reinhardtii</i> and Feedstock Production. <i>Frontiers in Microbiology</i> , 2017, 8, 1026.	3.5	4
48	Hydrogen sulfide treatment retrieves the inhibition of growth and development characteristics in silkworm (<i>Bombyx mori</i>) via phosphoacetyl glucosamine mutase gene knock down. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, , e21873.	1.5	1
49	Antibacterial and Food Preservative Attributes of Maillard Reaction Products of Shrimp Shell Chitosan. <i>Current Topics in Nutraceutical Research</i> , 2021, 20, 64-69.	0.1	0