Aphichart Karnchanatat

List of Publications by Year
in descending order

35 papers	673 citations	623734 14 h-index	610901 24 g-index
36 all docs	36 docs citations	36 times ranked	751 citing authors

#	Article	IF	Citations
1	Purification and biochemical characterization of an extracellular ÃŽÂ²-glucosidase from the wood-decaying fungusDaldinia eschscholzii(Ehrenb.:Fr.) Rehm. FEMS Microbiology Letters, 2007, 270, 162-170.	1.8	111
2	ACE inhibitory peptides derived from de-fatted lemon basil seeds: optimization, purification, identification, structureâ€“activity relationship and molecular docking analysis. Food and Function, 2020, 11, 8161-8178.	4.6	45
3	Antioxidant and Anti-Inflammatory Effects of Defatted Rice Bran (Oryza SativaL.) Protein Hydrolysates on Raw 264.7 Macrophage Cells. Journal of Food Biochemistry, 2016, 40, 731-740.	2.9	40
4	Isolation and characterization of anti-inflammatory peptides derived from trypsin hydrolysis of microalgae protein (Synechococcussp. VDW). Food Biotechnology, 2019, 33, 303-324.	1.5	32
5	A lectin from the rhizomes of turmeric (Curcuma longa L.) and its antifungal, antibacterial, and Î±-glucosidase inhibitory activities. Food Science and Biotechnology, 2010, 19, 907-916.	2.6	31
6	Anti-inflammatory action of two novel peptides derived from peanut worms (Sipunculus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	4.6	30
7	Two novel ACE inhibitory peptides isolated from longan seeds: purification, inhibitory kinetics and mechanisms. RSC Advances, 2020, 10, 12711-12720.	3.6	29
8	Peptides obtained from edible mushrooms: Hericium erinaceus offers the ability to scavenge free radicals and induce apoptosis in lung cancer cells in humans. Food and Function, 2020, 11, 4927-4939.	4.6	27
9	ZINGIPAIN, A CYSTEINE PROTEASE FROMZingiber ottensiiVALETON RHIZOMES WITH ANTIPROLIFERATIVE ACTIVITIES AGAINST FUNGI AND HUMAN MALIGNANT CELL LINES. Preparative Biochemistry and Biotechnology, 2011, 41, 138-153.	1.9	22
10	Free radical scavenging and antiâ€inflammatory potential of a protein hydrolysate derived from salmon bones on RAW 264.7 macrophage cells. Journal of the Science of Food and Agriculture, 2019, 99, 5112-5121.	3.5	22
11	Effects of protein hydrolysate from chicken feather meal on tyrosinase activity and melanin formation in B16F10 murine melanoma cells. Food Science and Biotechnology, 2017, 26, 1199-1208.	2.6	18
12	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom (Lentinula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	18
13	Free Radical Scavenging Properties and Induction of Apoptotic Effects of FA Fraction Obtained after Proteolysis of Bioactive Peptides from Microalgae Synechococcus sp. VDW. Food Technology and Biotechnology, 2019, 57, 358-368.	2.1	18
14	Antioxidant properties of peptides obtained from the split gill mushroom (Schizophyllum commune). Journal of Food Science and Technology, 2021, 58, 680-691.	2.8	16
15	Discovery of calcium-binding peptides derived from defatted lemon basil seeds with enhanced calcium uptake in human intestinal epithelial cells, Caco-2. Scientific Reports, 2022, 12, 4659.	3.3	16
16	Anti-Inflammatory Effects of Lychee (Litchi chinensisSonn.) Seed Peptide Hydrolysate on RAW 264.7 Macrophage Cells. Food Biotechnology, 2018, 32, 79-94.	1.5	15
17	An in vitro study of lipase inhibitory peptides obtained from de-oiled rice bran. RSC Advances, 2021, 11, 18915-18929.	3.6	15
18	Salt stress enhances choline uptake in the halotolerant cyanobacterium Aphanothece halophytica. Biochimica Et Biophysica Acta - General Subjects, 2003, 1621, 102-109.	2.4	14

#	Article	IF	Citations
19	Regulating Pyruvate Carboxylase in the Living Culture of Aspergillus Terreus Nrrl 1960 by l-Aspartate for Enhanced Itaconic Acid Production. Applied Biochemistry and Biotechnology, 2015, 177, 595-609.	2.9	13
20	The antioxidant potential of peptides obtained from the spotted babylon snail (<i>Babylonia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 25746-25757.	3.6	13
21	The apoptotic and free radicalâ€"scavenging abilities of the protein hydrolysate obtained from chicken feather meal. Poultry Science, 2020, 99, 1693-1704.	3.4	13
22	Superoxide dismutase isozyme detection using two-dimensional gel electrophoresis zymograms. Journal of Pharmaceutical and Biomedical Analysis, 2014, 90, 72-77.	2.8	11
23	Nitric Oxide Synthesis Inhibition and Anti-Inflammatory Effect of Polypeptide Isolated from Chicken Feather Meal in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. Food Technology and Biotechnology, 2019, 57, 200-212.	2.1	11
24	Inhibitory Activities of Protein Hydrolysates from Spotted Babylon Snails on Tyrosinase and Melanogenesis. Journal of Aquatic Food Product Technology, 2018, 27, 811-829.	1.4	9
25	Variation in the Protein Composition and Biological Activity of King Cobra (Ophiophagus hannah) Venoms. Protein Journal, 2019, 38, 565-575.	1.6	9
26	Optimization of <i>Synechococcus</i> sp. VDW Cultivation with Artificially Prepared Shrimp Wastewater for Ammonium Removal and Its Potential for Use As a Biofuel Feedstock. Journal of Oleo Science, 2019, 68, 233-243.	1.4	9
27	A novel angiotensin I-converting enzyme inhibitory peptide derived from the trypsin hydrolysates of salmon bone proteins. PLoS ONE, 2021, 16, e0256595.	2.5	9
28	Angiotensin I-Converting Enzyme Inhibitory Proteins and Peptides from the Rhizomes of Zingiberaceae Plants. Applied Biochemistry and Biotechnology, 2012, 166, 2037-2050.	2.9	8
29	Hydrolysates from bee pollen could induced apoptosis in human bronchogenic carcinoma cells (ChaGo-K-1). Journal of Food Science and Technology, 2021, 58, 752-763.	2.8	7
30	Na+-stimulated nitrate uptake with increased activity under osmotic upshift in Synechocystis sp. strain PCC 6803. World Journal of Microbiology and Biotechnology, 2011, 27, 2467-2473.	3.6	4
31	Anti-osteoclastogenic, estrogenic, and antioxidant activities of cell suspension cultures and tuber root extracts from Pueraria mirifica. Food Science and Biotechnology, 2014, 23, 1253-1259.	2.6	4
32	Expression, purification and biological activity of monomeric insulin precursors from methylotrophic yeasts. Protein Expression and Purification, 2019, 153, 35-43.	1.3	3
33	Cost Reduction of Gray Oyster Mushroom [Pleurotus sajor-caju (Fr.) Singer] Production Using Lemon Basil (Ocimum citriodorum Vis.) Straw as a Substrate. Waste and Biomass Valorization, 0, , 1.	3.4	3
34	Antioxidant and antiproliferative activities of protein hydrolysate from the rhizomes of Zingiberaceae plants. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 1893-1900.	0.2	2
35	A Chitinase-Like Protein with Î±-Amylase Inhibitory Activity from Kluai Hom Thong Banana Fruit: Musa (AAA group). Food Biotechnology, 2012, 26, 218-238.	1.5	1