

Ka-Hing Wong

List of Publications by Year in descending order

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63
papers

2,602
citations

172386

29
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197736

49
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67
docs citations

67
times ranked

3124
citing authors

#	ARTICLE	IF	CITATIONS
1	Alginate and its Two Components Acted Differently Against Dopaminergic Neuronal Loss in Parkinson's Disease Mice Model. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100739.	1.5	5
2	Polymannuronic acid prebiotic plus <i>Lactobacillus rhamnosus</i> GG probiotic as a novel synbiotic promoted their separate neuroprotection against Parkinson's disease. <i>Food Research International</i> , 2022, 155, 111067.	2.9	24
3	Isolation, Structural Properties, and Bioactivities of Polysaccharides from Mushrooms <i>Termitomyces</i> : A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 21-33.	2.4	14
4	Selenium Nanoparticles (SeNPs) Immunomodulation Is More Than Redox Improvement: Serum Proteomics and Transcriptomic Analyses. <i>Antioxidants</i> , 2022, 11, 964.	2.2	13
5	Revealing the species-specific genotype of the edible bird's nest-producing swiftlet, <i>Aerodramus fuciphagus</i> and the proteome of edible bird's nest. <i>Food Research International</i> , 2022, 160, 111670.	2.9	4
6	Mass spectrometry-based untargeted metabolomics approach for differentiation of beef of different geographic origins. <i>Food Chemistry</i> , 2021, 338, 127847.	4.2	37
7	Colonic Dopaminergic Neurons Changed Reversely With Those in the Midbrain via Gut Microbiota-Mediated Autophagy in a Chronic Parkinson's Disease Mice Model. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 649627.	1.7	10
8	Predicting Antituberculosis Drug-Induced Liver Injury Using an Interpretable Machine Learning Method: Model Development and Validation Study. <i>JMIR Medical Informatics</i> , 2021, 9, e29226.	1.3	8
9	An Investigation of the Risk Factors Associated With Anti-Tuberculosis Drug-Induced Liver Injury or Abnormal Liver Functioning in 757 Patients With Pulmonary Tuberculosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 708522.	1.6	13
10	Polymannuronic acid prevents dopaminergic neuronal loss via brain-gut-microbiota axis in Parkinson's disease model. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 994-1005.	3.6	34
11	Use of random forest analysis to quantify the importance of the structural characteristics of beta-glucans for prebiotic development. <i>Food Hydrocolloids</i> , 2020, 108, 106001.	5.6	14
12	Systematic acute and subchronic toxicity evaluation of polysaccharide-protein complex-functionalized selenium nanoparticles with anticancer potency. <i>Biomaterials Science</i> , 2019, 7, 5112-5123.	2.6	33
13	Dietary chitosan-selenium nanoparticle (CTS-SeNP) enhance immunity and disease resistance in zebrafish. <i>Fish and Shellfish Immunology</i> , 2019, 87, 449-459.	1.6	42
14	Potential of in Vivo Anticancer Efficacy of Selenium Nanoparticles by Mushroom Polysaccharides Surface Decoration. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2865-2876.	2.4	67
15	Improving quality of teaching and learning in classes by using augmented reality video. <i>Computers and Education</i> , 2019, 128, 88-101.	5.1	113
16	Maternal dietary exposure to selenium nanoparticle led to malformation in offspring. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 34-40.	2.9	12
17	Photothermal-Controlled Nanotubes with Surface Charge Flipping Ability for Precise Synergistic Therapy of Triple-Negative Breast Cancer. <i>Advanced Functional Materials</i> , 2018, 28, 1805225.	7.8	46
18	Cancer Therapy: Photothermal-Controlled Nanotubes with Surface Charge Flipping Ability for Precise Synergistic Therapy of Triple-Negative Breast Cancer (<i>Adv. Funct. Mater.</i> 45/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870325.	7.8	2

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19	Zein-Paclitaxel Prodrug Nanoparticles for Redox-Triggered Drug Delivery and Enhanced Therapeutic Efficiency. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11812-11822.	2.4	15
20	Autophagy is an important action mode for functionalized selenium nanoparticles to exhibit anti-colorectal cancer activity. <i>Biomaterials Science</i> , 2018, 6, 2508-2517.	2.6	61
21	Polysaccharide-protein complex-decorated selenium nanosystem as an efficient bone-formation therapeutic. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5215-5219.	2.9	22
22	A hyperbranched β -D-glucan with compact coil conformation from <i>Lignosus rhinocerotis sclerotia</i> . <i>Food Chemistry</i> , 2017, 225, 267-275.	4.2	29
23	Anticancer and anti-angiogenic activities of extract from <i>Actinidia eriantha</i> Benth root. <i>Journal of Ethnopharmacology</i> , 2017, 203, 1-10.	2.0	21
24	Structure, molecular conformation, and immunomodulatory activity of four polysaccharide fractions from <i>Lignosus rhinocerotis sclerotia</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 94, 423-430.	3.6	59
25	Novel nanoparticle materials for drug/food delivery-polysaccharides. <i>ChemistrySelect</i> , 2016, 1, .	0.7	5
26	8. Novel nanoparticle materials for drug/food delivery-polysaccharides. , 2016, , 159-190.		0
27	Identification of peptides released from hot water insoluble fraction of edible bird's nest under simulated gastro-intestinal conditions. <i>Food Research International</i> , 2016, 85, 19-25.	2.9	19
28	Facile synthesis of highly uniform selenium nanoparticles using glucose as the reductant and surface decorator to induce cancer cell apoptosis. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2351-2358.	2.9	95
29	An integrin-targeting nanosystem as a carrier of the selenadiazole derivative to induce ROS-mediated apoptosis in bladder cancer cells, from rational design to action mechanisms. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9374-9382.	2.9	9
30	Preparation, characterization and <i>in vitro</i> release of zein-pectin capsules for target delivery. <i>Current Drug Delivery</i> , 2015, 12, 397-405.	0.8	22
31	Purification and <i>in vitro</i> antioxidant activities of tellurium-containing phycobiliproteins from tellurium-enriched <i>Spirulina platensis</i> . <i>Drug Design, Development and Therapy</i> , 2014, 8, 1789.	2.0	13
32	Investigation of antifungal and antibacterial effects of fabric padded with highly stable selenium nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	54
33	Ruthenium polypyridyl complexes as inducer of ROS-mediated apoptosis in cancer cells by targeting thioredoxin reductase. <i>Metallomics</i> , 2014, 6, 1480-1490.	1.0	85
34	Synergistic Induction of Apoptosis by Methylseleninic Acid and Cisplatin, The Role of ROS-ERK/AKT-p53 Pathway. <i>Molecular Pharmaceutics</i> , 2014, 11, 1282-1293.	2.3	40
35	Chemical composition, antimicrobial activity against <i>Staphylococcus aureus</i> and a pro-apoptotic effect in SGC-7901 of the essential oil from <i>Toona sinensis</i> (A. Juss.) Roem. leaves. <i>Journal of Ethnopharmacology</i> , 2014, 154, 198-205.	2.0	40
36	Induction of Apoptosis and Cell Cycle Arrest in A549 Human Lung Adenocarcinoma Cells by Surface-Capping Selenium Nanoparticles: An Effect Enhanced by Polysaccharide-Protein Complexes from <i>Polyporus rhinocerus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9859-9866.	2.4	113

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37	Gold-mediated bifunctional modification of oligosaccharides via a three-component coupling reaction. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 925-930.	1.5	44
38	Surface decoration of selenium nanoparticles by mushroom polysaccharides-protein complexes to achieve enhanced cellular uptake and antiproliferative activity. <i>Journal of Materials Chemistry</i> , 2012, 22, 9602.	6.7	143
39	Multifunctional bioconjugation by Morita-Baylis-Hillman reaction in aqueous medium. <i>Chemical Communications</i> , 2012, 48, 3527.	2.2	21
40	Purification of selenium-containing allophycocyanin from selenium-enriched <i>Spirulina platensis</i> and its hepatoprotective effect against t-BOOH-induced apoptosis. <i>Food Chemistry</i> , 2012, 134, 253-261.	4.2	27
41	A comparative study on antioxidant activity of ten different parts of <i>Nelumbo nucifera</i> Gaertn.. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, .	0.2	5
42	In vitro antioxidant activities of endophytic fungi isolated from the liverwort <i>Scapania verrucosa</i> . <i>Genetics and Molecular Research</i> , 2011, 10, 3169-3179.	0.3	25
43	Immunomodulatory activities of mushroom sclerotial polysaccharides. <i>Food Hydrocolloids</i> , 2011, 25, 150-158.	5.6	129
44	Hot Water Extract of the Sclerotium of <i>Polyporus rhinocerus</i> Cooke Enhances the Immune Functions of Murine Macrophages. <i>International Journal of Medicinal Mushrooms</i> , 2011, 13, 237-244.	0.9	21
45	Enzymatic preparation of mushroom dietary fibre: A comparison between analytical and industrial enzymes. <i>Food Chemistry</i> , 2009, 115, 795-800.	4.2	11
46	Stimulation of Human Innate Immune Cells by Medicinal Mushroom Sclerotial Polysaccharides. <i>International Journal of Medicinal Mushrooms</i> , 2009, 11, 215-223.	0.9	21
47	Antiproliferative Effects of Sclerotial Polysaccharides from <i>Polyporus rhinocerus</i> Cooke (Aphyllophoromycetideae) on Different Kinds of Leukemic Cells. <i>International Journal of Medicinal Mushrooms</i> , 2008, 10, 255-264.	0.9	54
48	Sclerotium of Culinary-Medicinal King Tuber Oyster Mushroom, <i>Pleurotus tuberregium</i> (Fr.) Singer (Agaricomycetideae): Its Cultivation, Biochemical Composition, and Biopharmacological Effects (Review). <i>International Journal of Medicinal Mushrooms</i> , 2008, 10, 303-313.	0.9	17
49	Dietary Fibers from Mushroom Sclerotia. 4. In Vivo Mineral Absorption Using Ovariectomized Rat Model. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1921-1927.	2.4	14
50	Dietary Fibers from Mushroom Sclerotia: 1. Preparation and Physicochemical and Functional Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9395-9400.	2.4	42
51	Dietary Fibers from Mushroom Sclerotia: 2. In Vitro Mineral Binding Capacity under Sequential Simulated Physiological Conditions of the Human Gastrointestinal Tract. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9401-9406.	2.4	15
52	Dietary Fibers from Mushroom Sclerotia: 3. In Vitro Fermentability Using Human Fecal Microflora. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9407-9412.	2.4	34
53	Nutritional evaluation of protein concentrates isolated from two red seaweeds: <i>Hypnea charoides</i> and <i>Hypnea japonica</i> in growing rats. <i>Hydrobiologia</i> , 2004, 512, 271-278.	1.0	12
54	Studies on submerged fermentation of <i>Pleurotus tuberregium</i> (Fr.) Singer. Part 2: effect of carbon-to-nitrogen ratio of the culture medium on the content and composition of the mycelial dietary fibre. <i>Food Chemistry</i> , 2004, 85, 101-105.	4.2	33

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55	Studies on submerged fermentation of <i>Pleurotus tuber-regium</i> (Fr.) Singer Part 1: physical and chemical factors affecting the rate of mycelial growth and bioconversion efficiency. <i>Food Chemistry</i> , 2003, 81, 389-393.	4.2	36
56	Biochemical and Microstructural Characteristics of Insoluble and Soluble Dietary Fiber Prepared from Mushroom Sclerotia of <i>Pleurotus tuber-regium</i> , <i>Polyporus rhinocerus</i> , and <i>Wolfiporia cocos</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 7197-7202.	2.4	37
57	Effect of fiber-rich brown seaweeds on protein bioavailability of casein in growing rats. <i>International Journal of Food Sciences and Nutrition</i> , 2003, 54, 269-279.	1.3	16
58	Nutritional evaluation of some subtropical red and green seaweeds Part II. In vitro protein digestibility and amino acid profiles of protein concentrates. <i>Food Chemistry</i> , 2001, 72, 11-17.	4.2	127
59	Influence of drying treatment on three <i>Sargassum</i> species. <i>Journal of Applied Phycology</i> , 2001, 13, 43-50.	1.5	68
60	Title is missing!. <i>Journal of Applied Phycology</i> , 2001, 13, 51-58.	1.5	60
61	Nutritional evaluation of some subtropical red and green seaweeds. <i>Food Chemistry</i> , 2000, 71, 475-482.	4.2	334
62	Changes in lipid profiles of rats fed with seaweed-based diets. <i>Nutrition Research</i> , 1999, 19, 1519-1527.	1.3	45
63	Nutritional assessment of three Chinese indigenous legumes in growing rats. <i>Nutrition Research</i> , 1998, 18, 1573-1580.	1.3	9