

Qian Wu

List of Publications by Year in descending order

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76
papers

1,477
citations

361413

20
h-index

395702

33
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78
all docs

78
docs citations

78
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of Î»-cyhalothrin through cell surface display of bacterial carboxylesterase. <i>Chemosphere</i> , 2022, 289, 133130.	8.2	13
2	Comparative study of the inhibitory effects of lotus seedpod oligomeric procyanidins on dietary AGE released from glycated casein during digestion. <i>Food Research International</i> , 2022, 152, 110912.	6.2	11
3	Effects of different extraction methods on contents, profiles, and antioxidant abilities of free and bound phenolics of <i>Sargassum polycystum</i> from the South China Sea. <i>Journal of Food Science</i> , 2022, 87, 968-981.	3.1	23
4	A systematic pan-cancer study demonstrates the oncogenic function of heterogeneous nuclear ribonucleoprotein C. <i>Aging</i> , 2022, 14, 2880-2901.	3.1	0
5	Species-specific bioaccumulation and health risk assessment of heavy metal in seaweeds in tropic coasts of South China Sea. <i>Science of the Total Environment</i> , 2022, 832, 155031.	8.0	23
6	Role of glycated proteins in vivo: Enzymatic glycated proteins and non-enzymatic glycated proteins. <i>Food Research International</i> , 2022, 155, 111099.	6.2	1
7	Improving the Thermostability of a Fungal GH11 Xylanase via Fusion of a Submodule (C2) from Hyperthermophilic CBM9_1-2. <i>International Journal of Molecular Sciences</i> , 2022, 23, 463.	4.1	11
8	Liquid Chromatography-Mass Spectrometry Characterized Hydrolysate Fractions Possess Anticancer Activity <i>In Vitro</i> . <i>Journal of Biobased Materials and Bioenergy</i> , 2022, 16, 117-126.	0.3	0
9	<i>Lactobacillus fermentum</i> as a new inhibitor to control advanced glycation end-product formation during vinegar fermentation. <i>Food Science and Human Wellness</i> , 2022, 11, 1409-1418.	4.9	7
10	Effect of lotus seedpod oligomeric procyanidins on AGEs formation in simulated gastrointestinal tract and cytotoxicity in Caco-2 cells. <i>Food and Function</i> , 2021, 12, 3527-3538.	4.6	18
11	Longitudinal Dynamic End Effect of Single-Sided Linear Induction Motor for Medium-Low Speed Maglev. <i>Journal of Electrical Engineering and Technology</i> , 2021, 16, 2109-2117.	2.0	4
12	Preparation and electrochemical application of an AgNW/graphene/SU composite conductive photoresist. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51205.	2.6	6
13	Catechin Inhibits the Release of Advanced Glycation End Products during Glycated Bovine Serum Albumin Digestion and Corresponding Mechanisms <i>In Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8807-8818.	5.2	20
14	A Research on Inductance Forcedly Absorbing Current to Reduce Stray Current in Metro. , 2021, , .		0
15	Effects of Oligomeric Procyanidins From Lotus Seedpod on the Retrogradation Properties of Rice Starch. <i>Frontiers in Nutrition</i> , 2021, 8, 751627.	3.7	5
16	Effect of catechin on dietary AGEs absorption and cytotoxicity in Caco-2 cells. <i>Food Chemistry</i> , 2021, 355, 129574.	8.2	20
17	Inhibition of advanced glycation endproducts formation by lotus seedpod oligomeric procyanidins through RAGE-MAPK signaling and NF-Î±B activation in high-AGEs-diet mice. <i>Food and Chemical Toxicology</i> , 2021, 156, 112481.	3.6	11
18	Photolithographic 3D microarray electrode-based high-performance non-enzymatic H ₂ O ₂ sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127249.	4.7	6

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19	Inhibition of Advanced Glycation End Products in Yogurt by Lotus Seedpod Oligomeric Procyanidin. <i>Frontiers in Nutrition</i> , 2021, 8, 781998.	3.7	7
20	Defending against Thermal Covert Channel Attacks by Task Migration in Many-core System. , 2021, , .		4
21	Removal of N-terminal tail changes the thermostability of the low-temperature-active exo-inulinase InuAGN25. <i>Bioengineered</i> , 2020, 11, 921-931.	3.2	8
22	Improving low-temperature activity and thermostability of exo-inulinase InuAGN25 on the basis of increasing rigidity of the terminus and flexibility of the catalytic domain. <i>Bioengineered</i> , 2020, 11, 1233-1244.	3.2	4
23	The inhibitory effect of the catechin structure on advanced glycation end product formation in alcoholic media. <i>Food and Function</i> , 2020, 11, 5396-5408.	4.6	23
24	A novel drug delivery system obtained from hydrophobic modified amphiphilic polymers by Maillard reaction. <i>International Journal of Biological Macromolecules</i> , 2020, 157, 146-150.	7.5	12
25	Hierarchical 0D-2D bio-composite film based on enzyme-loaded polymeric nanoparticles decorating graphene nanosheets as a high-performance bio-sensing platform. <i>Biosensors and Bioelectronics</i> , 2020, 156, 112134.	10.1	25
26	Transcriptomic Analysis of <i>Pichia pastoris</i> (<i>Komagataella phaffii</i>) GS115 During Heterologous Protein Production Using a High-Cell-Density Fed-Batch Cultivation Strategy. <i>Frontiers in Microbiology</i> , 2020, 11, 463.	3.5	17
27	Ethanol as an accelerator for the formation of advanced glycation end products in glucose-lysine solution. <i>LWT - Food Science and Technology</i> , 2020, 124, 109135.	5.2	9
28	Structure-activity relationship of procyanidins on advanced glycation end products formation and corresponding mechanisms. <i>Food Chemistry</i> , 2019, 272, 679-687.	8.2	53
29	Identification and characterization of an acetyl esterase from <i>Paenibacillus</i> sp. XW-6-66 and its novel function in 7-aminocephalosporanic acid deacetylation. <i>Biotechnology Letters</i> , 2019, 41, 1059-1065.	2.2	2
30	Polar-Spatial Feature Fusion Learning With Variational Generative-Discriminative Network for PolSAR Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 8914-8927.	6.3	24
31	Biochemical and structural properties of a low-temperature-active glycoside hydrolase family 43 β -xylosidase: Activity and instability at high neutral salt concentrations. <i>Food Chemistry</i> , 2019, 301, 125266.	8.2	15
32	Liquid state fermentation vinegar enriched with catechin as an antiglycative food product. <i>Food and Function</i> , 2019, 10, 4877-4887.	4.6	21
33	Catechin-iron as a new inhibitor to control advanced glycation end-products formation during vinegar storage. <i>LWT - Food Science and Technology</i> , 2019, 112, 108245.	5.2	17
34	Characterization of a novel salt-, xylose- and alkali-tolerant GH43 bifunctional β -xylosidase/ β -l-arabinofuranosidase from the gut bacterial genome. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 429-437.	2.2	24
35	Effect of selenium supplements on the antioxidant activity and nitrite degradation of lactic acid bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 61.	3.6	16
36	Variational Learning of Mixture Wishart Model for PolSAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 141-154.	6.3	15

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37	Endoscopic dacryocystorhinostomy to treat congenital nasolacrimal canal dysplasia: a retrospective analysis in 40 children. <i>BMC Ophthalmology</i> , 2019, 19, 244.	1.4	4
38	Interaction of bisphenol A 3, 4-quinone metabolite with human hemoglobin, human serum albumin and cytochrome c in vitro. <i>Chemosphere</i> , 2019, 220, 930-936.	8.2	11
39	A thermostable and alkaline GDSL-motif esterase from <i>Bacillus</i> sp. K91: crystallization and X-ray crystallographic analysis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 117-121.	0.8	5
40	Concentration-dependent color tunability of nitrogen-doped carbon dots and their application for iron(III) detection and multicolor bioimaging. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 33-41.	9.4	92
41	Phase-Transited Lysozyme as a Universal Route to Bioactive Hydroxyapatite Crystalline Film. <i>Advanced Functional Materials</i> , 2018, 28, 1704476.	14.9	102
42	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24850-24859.	8.0	44
43	Analysis of distribution and pharmacokinetics of litchi pericarp procyanidins in rat plasma and organs by using liquid chromatography-tandem mass spectrometry. <i>European Food Research and Technology</i> , 2017, 243, 167-176.	3.3	9
44	A <i>Shinella</i> β -N-acetylglucosaminidase of glycoside hydrolase family 20 displays novel biochemical and molecular characteristics. <i>Extremophiles</i> , 2017, 21, 699-709.	2.3	21
45	Attenuated mTOR Signaling and Enhanced Glucose Homeostasis by Dietary Supplementation with Lotus Seedpod Oligomeric Procyanidins in Streptozotocin (STZ)-Induced Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3801-3810.	5.2	37
46	Separation and Identification of Anthocyanins Extracted from Blueberry Wine Lees and Pigment Binding Properties toward β -Glucosidase. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 216-223.	5.2	17
47	Genetic diversity of catechol 1,2-dioxygenase in the fecal microbial metagenome. <i>Journal of Basic Microbiology</i> , 2017, 57, 883-895.	3.3	8
48	Distinctive molecular and biochemical characteristics of a glycoside hydrolase family 20 β -N-acetylglucosaminidase and salt tolerance. <i>BMC Biotechnology</i> , 2017, 17, 37.	3.3	17
49	Protection of Tong-Qiao-Huo-Xue Decoction against Cerebral Ischemic Injury through Reduction Blood-Brain Barrier Permeability. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1004-1010.	1.3	24
50	A Superhydrophobic Surface Templated by Protein Self-Assembly and Emerging Application toward Protein Crystallization. <i>Advanced Materials</i> , 2016, 28, 579-587.	21.0	136
51	Protein Self-Assembly: A Superhydrophobic Surface Templated by Protein Self-Assembly and Emerging Application toward Protein Crystallization (<i>Adv. Mater.</i> 3/2016). <i>Advanced Materials</i> , 2016, 28, 592-592.	21.0	2
52	Characterization of a novel low-temperature-active, alkaline and sucrose-tolerant invertase. <i>Scientific Reports</i> , 2016, 6, 32081.	3.3	22
53	Physical and oxidation stability of self-emulsifying krill oil-in-water emulsions. <i>Food and Function</i> , 2016, 7, 3590-3598.	4.6	18
54	Characterization of a NaCl-tolerant β -N-acetylglucosaminidase from <i>Sphingobacterium</i> sp. HWLB1. <i>Extremophiles</i> , 2016, 20, 547-557.	2.3	20

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55	A novel surfactant-, NaCl-, and protease-tolerant β -mannanase from <i>Bacillus</i> sp. HJ14. <i>Folia Microbiologica</i> , 2016, 61, 233-242.	2.3	13
56	Interaction mechanism exploration of HEA derivatives as BACE1 inhibitors by in silico analysis. <i>Molecular BioSystems</i> , 2016, 12, 1151-1165.	2.9	11
57	Characterization of a Glycoside Hydrolase Family 27 β -Galactosidase from <i>Pontibacter</i> Reveals Its Novel Salt-Protease Tolerance and Transglycosylation Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2315-2324.	5.2	19
58	Comparative Proteomic Analysis Reveals the Effects of Exogenous Calcium against Acid Rain Stress in <i>Liquidambar formosana</i> Hance Leaves. <i>Journal of Proteome Research</i> , 2016, 15, 216-228.	3.7	12
59	Characterization of two glycoside hydrolase family 36 β -galactosidases: Novel transglycosylation activity, lead-zinc tolerance, alkaline and multiple pH optima, and low-temperature activity. <i>Food Chemistry</i> , 2016, 194, 156-166.	8.2	29
60	Identification and Characterization of a New Alkaline SGNH Hydrolase from a Thermophilic Bacterium <i>Bacillus</i> sp. K91. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 730-738.	2.1	8
61	Tuning the hybridization bandgap by meta-molecules with in-unit interaction. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	2
62	Anatomy of nasolacrimal canal in congenital nasolacrimal duct obstruction – 18 cases retrospective study. <i>Acta Ophthalmologica</i> , 2015, 93, e404-5.	1.1	8
63	In vitro antioxidant activities of proanthocyanidins extracted from the lotus seedpod and ameliorative effects on learning and memory impairment in scopolamine-induced amnesia mice. <i>Food Science and Biotechnology</i> , 2015, 24, 1487-1494.	2.6	12
64	Inhibition of Advanced Glycation Endproduct Formation by Lotus Seedpod Oligomeric Procyanidins through RAGE-MAPK Signaling and NF- κ B Activation in High-Fat-Diet Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6989-6998.	5.2	43
65	A Significant Inhibitory Effect on Advanced Glycation End Product Formation by Catechin as the Major Metabolite of Lotus Seedpod Oligomeric Procyanidins. <i>Nutrients</i> , 2014, 6, 3230-3244.	4.1	29
66	Proteome and calcium-related gene expression in <i>Pinus massoniana</i> needles in response to acid rain under different calcium levels. <i>Plant and Soil</i> , 2014, 380, 285-303.	3.7	31
67	<i>Lactobacillus casei</i> -01 Facilitates the Ameliorative Effects of Proanthocyanidins Extracted from Lotus Seedpod on Learning and Memory Impairment in Scopolamine-Induced Amnesia Mice. <i>PLoS ONE</i> , 2014, 9, e112773.	2.5	33
68	Lacrimal sac diverticulum presenting as a lower eyelid mass with a secreting fistula. <i>Chinese Medical Journal</i> , 2014, 127, 3359-60.	2.3	1
69	Combination of proanthocyanidins extracted from lotus seedpod and l-cysteine ameliorates memory impairment induced by alcohol and scopolamine in mice. <i>European Food Research and Technology</i> , 2013, 236, 671-679.	3.3	6
70	Virtual network embedding by node-splitting., 2013, .		0
71	Oligomeric procyanidins of lotus seedpod inhibits the formation of advanced glycation end-products by scavenging reactive carbonyls. <i>Food Chemistry</i> , 2013, 138, 1493-1502.	8.2	60
72	An Effective Defect Detection and Warning Prioritization Approach for Resource Leaks., 2012, .		10

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73	Iterative mining of resource-releasing specifications. , 2011, , .		22
74	Fragmentation study of iridoid glycosides and phenylpropanoid glycosides in Radix Scrophulariae by rapid resolution liquid chromatography with diode array detection and electrospray ionization time-of-flight mass spectrometry. Biomedical Chromatography, 2010, 24, 808-819.	1.7	40
75	An in vivo microdialysis measurement of harpagoside in rat blood and bile for predicting hepatobiliary excretion and its interaction with cyclosporin A and verapamil. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 751-756.	2.3	8
76	An Approach to Merge Results of Multiple Static Analysis Tools (Short Paper). , 2008, , .		15