

Zhi-Yong Gong

List of Publications by Year in descending order

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42
papers

754
citations

567281

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docs citations

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times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and biodistribution in vivo of quercetin-loaded cationic nanostructured lipid carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 125-131.	5.0	95
2	A molecularly imprinted polymers/carbon dots-grafted paper sensor for 3-monochloropropane-1,2-diol determination. <i>Food Chemistry</i> , 2019, 274, 156-161.	8.2	74
3	Protective effects of various ratios of DHA/EPA supplementation on high-fat diet-induced liver damage in mice. <i>Lipids in Health and Disease</i> , 2017, 16, 65.	3.0	63
4	Quercetin Alleviates High-Fat Diet-Induced Oxidized Low-Density Lipoprotein Accumulation in the Liver: Implication for Autophagy Regulation. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	43
5	Protective role of n6/n3 PUFA supplementation with varying DHA/EPA ratios against atherosclerosis in mice. <i>Journal of Nutritional Biochemistry</i> , 2016, 32, 171-180.	4.2	41
6	Natural Occurrence of Deoxynivalenol and Its Acetylated Derivatives in Chinese Maize and Wheat Collected in 2017. <i>Toxins</i> , 2020, 12, 200.	3.4	41
7	Toxicological evaluation of advanced glycation end product N ^ε -(carboxymethyl)lysine: Acute and subacute oral toxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 65-74.	2.7	35
8	Preparation and characterization of carboxymethyl starch from cadmium-contaminated rice. <i>Food Chemistry</i> , 2020, 308, 125674.	8.2	29
9	Rapid determination of phytosterols by NIRS and chemometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 336-341.	3.9	27
10	Indoor nanoscale particulate matter-induced coagulation abnormality based on a human 3D microvascular model on a microfluidic chip. <i>Journal of Nanobiotechnology</i> , 2019, 17, 20.	9.1	25
11	Functional human 3D microvascular networks on a chip to study the procoagulant effects of ambient fine particulate matter. <i>RSC Advances</i> , 2017, 7, 56108-56116.	3.6	24
12	Application of metal-organic framework for the adsorption and detection of food contamination. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116384.	11.4	24
13	Geographical discrimination and adulteration analysis for edible oils using two-dimensional correlation spectroscopy and convolutional neural networks (CNNs). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118973.	3.9	21
14	Protein corona of airborne nanoscale PM2.5 induces aberrant proliferation of human lung fibroblasts based on a 3D organotypic culture. <i>Scientific Reports</i> , 2018, 8, 1939.	3.3	17
15	Dietary DHA/EPA Ratio Changes Fatty Acid Composition and Attenuates Diet-Induced Accumulation of Lipid in the Liver of ApoE ^{-/-} Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	17
16	Development of a Sensitive and Reliable UHPLC-MS/MS Method for the Determination of Multiple Urinary Biomarkers of Mycotoxin Exposure. <i>Toxins</i> , 2020, 12, 193.	3.4	17
17	Dietary exposure and risk assessment of perchlorate in diverse food from Wuhan, China. <i>Food Chemistry</i> , 2021, 358, 129881.	8.2	16
18	Study on the bioaccessibility and bioavailability of perchlorate in different food matrices in vitro. <i>Food Chemistry</i> , 2020, 333, 127470.	8.2	15

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19	Transcriptome Analysis of Caco-2 Cells upon the Exposure of Mycotoxin Deoxynivalenol and Its Acetylated Derivatives. <i>Toxins</i> , 2021, 13, 167.	3.4	15
20	Zearalenone induces oxidative damage involving Keap1/Nrf2/HO-1 pathway in hepatic L02 cells. <i>Molecular and Cellular Toxicology</i> , 2014, 10, 451-457.	1.7	14
21	Investigation of Bioaccumulation and Human Health Risk Assessment of Heavy Metals in Crayfish (<i>Procambarus clarkii</i>) Farming with a Rice-Crayfish-Based Coculture Breeding Modes. <i>Foods</i> , 2022, 11, 261.	4.3	11
22	Bioavailability Evaluation of Perchlorate in Different Foods <i>In Vivo</i> : Comparison with <i>In Vitro</i> Assays and Implications for Human Health Risk Assessment. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5189-5197.	5.2	10
23	Study on the bioaccessibility and bioavailability of Cd in contaminated rice in vitro and in vivo. <i>Journal of Food Science</i> , 2021, 86, 3730-3742.	3.1	9
24	Antioxidant and antigenotoxic activity of bioactive extracts from corn tassel. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2014, 34, 131-136.	1.0	8
25	Angiotensin I Converting Enzyme (ACE) inhibitory activity and antihypertensive effects of grass carp peptides. <i>Food Science and Biotechnology</i> , 2014, 23, 1661-1666.	2.6	8
26	The neurotoxicity of N ^ε -(carboxymethyl)lysine in food processing by a study based on animal and organotypic cell culture. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110077.	6.0	8
27	Determination of Trace Zearalenone and Its Metabolites in Human Serum by a High-Throughput UPLC-MS/MS Analysis. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 741.	2.5	7
28	Studies on mechanism of free N ^ε -(carboxymethyl)lysine-induced toxic injury in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22322.	3.0	7
29	Determination of N ^ε -(carboxymethyl)lysine in commercial dairy products in China with liquid chromatography tandem mass spectroscopy. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 714-721.	3.2	6
30	The intervention mechanism of folic acid for benzo(a)pyrene toxic effects in vitro and in vivo. <i>European Journal of Cancer Prevention</i> , 2019, 28, 355-364.	1.3	5
31	Synthesis of coimmobilized microorganisms for the removal of cadmium from cadmium-contaminated rice flour. <i>Food Science and Nutrition</i> , 2021, 9, 4509-4516.	3.4	5
32	Selective and sensitive determination of copper ions in soft drink based on high catalysis of hemin-graphene hybrid nanosheets coupled with enzyme inhibitions. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1937-1944.	2.2	4
33	Simultaneous and rapid determination of sesamin and sesamol in sesame oils using excitation-emission matrix fluorescence coupled with self-weighted alternating trilinear decomposition. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4418-4424.	3.5	3
34	Targeted Lipidomics Reveal the Effect of Perchlorate on Lipid Profiles in Liver of High-Fat Diet Mice. <i>Frontiers in Nutrition</i> , 2022, 9, 837601.	3.7	3
35	Assessment and Comparison of Bioavailability of Cadmium in Different Foods Using In Vitro, In Cellulo, and In Vivo Models. <i>Food Analytical Methods</i> , 2022, 15, 2951-2958.	2.6	2
36	Molecular Cloning, Expression and Macrophage Activation of an Immunoregulatory Protein from <i>Cordyceps militaris</i> . <i>Molecules</i> , 2021, 26, 7107.	3.8	1

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37	Health risk assessment using in vitro simulation in assessing bioavailability of cadmium in rice from main producing areas across China. <i>Journal of Food Science</i> , 2022, , .	3.1	1
38	The Hepatoprotective Effect of Leonurine Hydrochloride Against Alcoholic Liver Disease Based on Transcriptomic and Metabolomic Analysis. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	1
39	Functional human 3D microvascular networks on a chip to study the cytocompatibility of $\text{É}^{\text{c}}\text{-MnO}_2$ nanowire. <i>Ferroelectrics</i> , 2019, 546, 13-24.	0.6	0
40	$\text{É}^{\text{c}}\text{-MnO}_2$ nanowire induces cytotoxicity of human lung fibroblasts based on a 3D organotypic culture. <i>Ferroelectrics</i> , 2019, 546, 1-12.	0.6	0
41	Study on toxicological effect and the mechanism of cadmium in rice and inorganic cadmium on ICR mice. <i>Toxicology Research</i> , 2021, 10, 639-650.	2.1	0
42	Determination of perchlorate and its distribution in unhusked rice in China. <i>Food Quality and Safety</i> , 2022, 6, .	1.8	0