

Liuqing Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,218
citations

25
h-index

45
g-index

82
ext. papers

2,748
ext. citations

5.5
avg, IF

4.8
L-index

#	Paper	IF	Citations
75	Preparation, structure characterization of carboxymethylated schisandra polysaccharides and their intervention in immunotoxicity to polychlorinated biphenyls. <i>Process Biochemistry</i> , 2022 , 115, 30-30	4.8	0
74	Short-term exposure to acrylamide exacerbated metabolic disorders and increased metabolic toxicity susceptibility on adult male mice with diabetes.. <i>Toxicology Letters</i> , 2021 , 356, 41-53	4.4	3
73	Di-(2-ethylhexyl) phthalate-induced hepatotoxicity exacerbated type 2 diabetes mellitus (T2DM) in female pubertal T2DM mice. <i>Food and Chemical Toxicology</i> , 2021 , 149, 112003	4.7	5
72	Structural characterization of a novel Schisandra polysaccharides and nutritional intervention in immunotoxicity to PCBs. <i>Carbohydrate Polymers</i> , 2021 , 258, 117380	10.3	1
71	Short-term exposure of decabromodiphenyl ether in female adult Balb/c mice: Immune toxicity and self-recovery. <i>Toxicology Letters</i> , 2021 , 342, 26-37	4.4	1
70	Study on the comprehensive utilization of solid residues of <i>Flammulina velutipes</i> and vinegar and their application as feed in <i>Eisenia fetida</i> earthworm culture. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 49153-49165	5.1	1
69	Transcriptomic responses predict the toxic effect of parental co-exposure to dibutyl phthalate and diisobutyl phthalate on the early development of zebrafish offspring. <i>Aquatic Toxicology</i> , 2021 , 235, 105838	5.1	2
68	The reproductive toxicity and potential mechanisms of combined exposure to dibutyl phthalate and diisobutyl phthalate in male zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020 , 258, 127238	8.4	16
67	Evaluation of combined developmental neurological toxicity of di (n-butyl) phthalates and lead using immature mice. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 9318-9326	5.1	6
66	Neurological effects of subchronic exposure to dioctyl phthalate (DOP), lead, and arsenic, individual and mixtures, in immature mice. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 9247-9260	5.1	3
65	Investigation of the uptake and transport of polysaccharide from Se-enriched <i>Grifola frondosa</i> in Caco-2 cells model. <i>International Journal of Biological Macromolecules</i> , 2020 ,	7.9	10
64	Purification, structural elucidation and physicochemical properties of a polysaccharide from <i>Abelmoschus esculentus</i> L (okra) flowers. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 740-750	7.9	23
63	Effect of chromium citrate on the mechanism of glucose transport and insulin resistance in Buffalo rat liver cells. <i>Indian Journal of Pharmacology</i> , 2020 , 52, 31-38	2.5	
62	Effect of Acid Leaching on Silicon Nanoparticles and Their Electrochemical Performance in Lithium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2543-2549	1.3	1
61	Typical neurobehavioral methods and transcriptome analysis reveal the neurotoxicity and mechanisms of di(2-ethylhexyl) phthalate on pubertal male ICR mice with type 2 diabetes mellitus. <i>Archives of Toxicology</i> , 2020 , 94, 1279-1302	5.8	10
60	Dioxin-like (DL-) polychlorinated biphenyls induced immunotoxicity through apoptosis in mice splenocytes via the AhR mediated mitochondria dependent signaling pathways. <i>Food and Chemical Toxicology</i> , 2019 , 134, 110803	4.7	15
59	Distribution, source, and environmental risk assessment of phthalate esters (PAEs) in water, suspended particulate matter, and sediment of a typical Yangtze River Delta City, China. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 24609-24619	5.1	36

58	Study on the metabolism toxicity, susceptibility and mechanism of di-(2-ethylhexyl) phthalate on rat liver BRL cells with insulin resistance in vitro. <i>Toxicology</i> , 2019 , 422, 102-120	4.4	10
57	Influence of Chronic Toxicity, Lipid Metabolism, Learning and Memory Ability, and Related Enzyme in Sprague-Dawley Rats by Long-Term Chromium Malate Supplementation. <i>Biological Trace Element Research</i> , 2019 , 187, 243-257	4.5	6
56	Facile Synthesis of Dispiroheterocycles through One-Pot [3+2] Cycloaddition, and Their Antiviral Activity. <i>Synthesis</i> , 2019 , 51, 3847-3858	2.9	5
55	Bioaccessibility and biotransformation of anthocyanin monomers following in vitro simulated gastric-intestinal digestion and in vivo metabolism in rats. <i>Food and Function</i> , 2019 , 10, 6052-6061	6.1	16
54	Transcriptome analysis revealed the mechanism of the metabolic toxicity and susceptibility of di-(2-ethylhexyl)phthalate on adolescent male ICR mice with type 2 diabetes mellitus. <i>Archives of Toxicology</i> , 2019 , 93, 3183-3206	5.8	11
53	Subcritical water extraction of bioactive compounds from Radix Puerariae and optimization study using response surface methodology. <i>Chemical Engineering Communications</i> , 2019 , 206, 1218-1227	2.2	5
52	Improvement of high-glucose and insulin resistance of chromium malate in 3T3-L1 adipocytes by glucose uptake and insulin sensitivity signaling pathways and its mechanism.. <i>RSC Advances</i> , 2018 , 9, 114-127	3.7	4
51	Purification, characterization and immunomodulatory activity of a novel polysaccharide from <i>Grifola frondosa</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 1293-1303	7.9	48
50	An Aurone-derived Low-molecular-weight Fluorescence Probe for the Detection of Hg ²⁺ in Aqueous Solution and Living Cells. <i>Journal of Heterocyclic Chemistry</i> , 2018 , 55, 1130-1135	1.9	4
49	The synergism and attenuation effect of Selenium (Se)-enriched <i>Grifola frondosa</i> (Se)-polysaccharide on 5-Fluorouracil (5-Fu) in Heps-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 2211-2216	7.9	19
48	Chromium malate alleviates high-glucose and insulin resistance in L6 skeletal muscle cells by regulating glucose uptake and insulin sensitivity signaling pathways. <i>BioMetals</i> , 2018 , 31, 891-908	3.4	9
47	Pharmacokinetics and bioavailability of chromium malate and its influence on trace metals absorption after oral or intravenous administration. <i>Indian Journal of Pharmacology</i> , 2018 , 50, 75-83	2.5	6
46	Multiple bioanalytical method to reveal developmental biological responses in zebrafish embryos exposed to triclocarban. <i>Chemosphere</i> , 2018 , 193, 251-258	8.4	20
45	Plasmonic ELISA Based on Nanospherical Brush-Induced Signal Amplification for the Ultrasensitive Naked-Eye Simultaneous Detection of the Typical Tetrabromobisphenol A Derivative and Byproduct. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2996-3002	5.7	9
44	Parental exposure to bisphenol A and its analogs influences zebrafish offspring immunity. <i>Science of the Total Environment</i> , 2018 , 610-611, 291-297	10.2	47
43	Se-enriched <i>G. frondosa</i> polysaccharide protects against immunosuppression in cyclophosphamide-induced mice via MAPKs signal transduction pathway. <i>Carbohydrate Polymers</i> , 2018 , 196, 445-456	10.3	47
42	A novel Se-polysaccharide from Se-enriched <i>G. frondosa</i> protects against immunosuppression and low Se status in Se-deficient mice. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 878-889	7.9	17
41	Structure characterization of one polysaccharide from <i>Lepidium meyenii</i> Walp., and its antioxidant activity and protective effect against HO-induced injury RAW264.7 cells. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 816-833	7.9	41

40	Modulation of N-Methyl-D-Aspartate Receptors (NMDAR), Bcl-2 and C-Fos Gene Expressions on Exposure to Individual and Mixtures of Low Concentration Metals in Zebrafish (<i>Danio rerio</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 72, 418-427	3.2	7
39	Biotransformation and metabolism of three mulberry anthocyanin monomers by rat gut microflora. <i>Food Chemistry</i> , 2017 , 237, 887-894	8.5	37
38	Structural elucidation and antioxidant activity a novel Se-polysaccharide from Se-enriched <i>Grifola frondosa</i> . <i>Carbohydrate Polymers</i> , 2017 , 161, 42-52	10.3	98
37	Large-scale isolation of high-purity anthocyanin monomers from mulberry fruits by combined chromatographic techniques. <i>Journal of Separation Science</i> , 2017 , 40, 3506-3512	3.4	11
36	Purification, characterization and immunoregulatory activity of a polysaccharide isolated from <i>Hibiscus sabdariffa</i> L. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1599-1606	4.3	13
35	Adsorption properties of macroporous adsorbent resins for separation of anthocyanins from mulberry. <i>Food Chemistry</i> , 2016 , 194, 712-22	8.5	81
34	Neurological Toxicity of Individual and Mixtures of Low Dose Arsenic, Mono and Di (n-butyl) Phthalates on Sub-Chronic Exposure to Mice. <i>Biological Trace Element Research</i> , 2016 , 170, 183-93	4.5	7
33	Synthesis and Biological Activities of Novel 6-Alkylamino-11,12-dihydro-11-arylbenzo[c]phenanthridine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 234-240	1.9	2
32	A review of toxicity and mechanisms of individual and mixtures of heavy metals in the environment. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 8244-59	5.1	381
31	Enzymolysis kinetics, thermodynamics and model of porcine cerebral protein with single-frequency countercurrent and pulsed ultrasound-assisted processing. <i>Ultrasonics Sonochemistry</i> , 2016 , 28, 294-301	8.9	36
30	Long-Term Supplementation with Chromium Malate Improves Short Chain Fatty Acid Content in Sprague-Dawley Rats. <i>Biological Trace Element Research</i> , 2016 , 174, 121-131	4.5	4
29	Extraction, purification, characterization and antioxidant activities of polysaccharides from <i>Cistanche tubulosa</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 448-458	7.9	51
28	Preparation of metal ions impregnated polystyrene resins for adsorption of antibiotics contaminants in aquatic environment. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	12
27	Evaluation of 90-day Repeated Dose Oral Toxicity, Glycometabolism, Learning and Memory Ability, and Related Enzyme of Chromium Malate Supplementation in Sprague-Dawley Rats. <i>Biological Trace Element Research</i> , 2015 , 168, 181-95	4.5	6
26	Low concentration toxic metal mixture interactions: Effects on essential and non-essential metals in brain, liver, and kidneys of mice on sub-chronic exposure. <i>Chemosphere</i> , 2015 , 132, 79-86	8.4	46
25	Evaluation of the Reproductive Toxicity, Glycometabolism, Glycometabolism-Related Enzyme Levels and Lipid Metabolism of Chromium Malate Supplementation in Sprague-Dawley Rats. <i>Biological Trace Element Research</i> , 2015 , 168, 150-68	4.5	7
24	Toxicity assessment due to sub-chronic exposure to individual and mixtures of four toxic heavy metals. <i>Journal of Hazardous Materials</i> , 2015 , 294, 109-20	12.8	96
23	Protective Effect of Porcine Cerebral Hydrolysate Peptides on Learning and Memory Deficits and Oxidative Stress in Lead-Exposed Mice. <i>Biological Trace Element Research</i> , 2015 , 168, 429-40	4.5	10

22	A multivariate assessment of innate immune-related gene expressions due to exposure to low concentration individual and mixtures of four kinds of heavy metals on zebrafish (<i>Danio rerio</i>) embryos. <i>Fish and Shellfish Immunology</i> , 2015 , 47, 1032-42	4.3	26
21	Interaction of four low dose toxic metals with essential metals in brain, liver and kidneys of mice on sub-chronic exposure. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 280-91	5.8	19
20	Effects of chromium malate on glycometabolism, glycometabolism-related enzyme levels and lipid metabolism in type 2 diabetic rats: A dose-response and curative effects study. <i>Journal of Diabetes Investigation</i> , 2015 , 6, 396-407	3.9	20
19	Type 2 diabetic rats on diet supplemented with chromium malate show improved glycometabolism, glycometabolism-related enzyme levels and lipid metabolism. <i>PLoS ONE</i> , 2015 , 10, e0125952	3.7	23
18	Application of Three Phase Hollow Fiber LPME Using an Ionic Liquid as Supported Phase for Preconcentration of Bisphenol A and Diethylstilbestrol from Water Sample with HPLC Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015 , 38, 8-14	1.3	13
17	Schisandra polysaccharide evokes immunomodulatory activity through TLR 4-mediated activation of macrophages. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 33-40	7.9	66
16	Enhanced antitumor and reduced toxicity effect of Schisanreae polysaccharide in 5-Fu treated Heps-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2014 , 63, 114-8	7.9	27
15	Purification, characterization and immunomodulating activity of a polysaccharide from flowers of <i>Abelmoschus esculentus</i> . <i>Carbohydrate Polymers</i> , 2014 , 106, 335-42	10.3	66
14	Separation, Identification, Antioxidant, and Anti-Tumor Activities of <i>Hibiscus sabdariffa</i> L. Extracts. <i>Separation Science and Technology</i> , 2014 , 49, 1379-1388	2.5	6
13	Isolation, characterization and antioxidant activity of polysaccharide from <i>Schisandra sphenanthera</i> . <i>Carbohydrate Polymers</i> , 2014 , 105, 26-33	10.3	132
12	Biodiesel production from non-edible <i>Silybum marianum</i> oil using heterogeneous solid base catalyst under ultrasonication. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 1752-62	8.9	38
11	Preparation, characterization, and anti- <i>Helicobacter pylori</i> activity of Bi ³⁺ - <i>Hericium erinaceus</i> polysaccharide complex. <i>Carbohydrate Polymers</i> , 2014 , 110, 231-7	10.3	31
10	Structure analysis of a bioactive heteropolysaccharide from <i>Schisandra chinensis</i> (Turcz.) Baill. <i>Carbohydrate Polymers</i> , 2014 , 103, 488-95	10.3	16
9	Macroporous polystyrene resins as adsorbents for the removal of tetracycline antibiotics from an aquatic environment. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	41
8	Hollow-fiber-supported liquid-phase microextraction using an ionic liquid as the extractant for the pre-concentration of bisphenol A, 17- β -estradiol, estrone and diethylstilbestrol from water samples with HPLC detection. <i>Water Science and Technology</i> , 2014 , 69, 1028-35	2.2	18
7	Purification, characterization, and antioxidant activities of selenium-containing proteins and polysaccharides in royal sun mushroom, <i>Agaricus brasiliensis</i> (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2014 , 16, 463-75	1.3	14
6	Effects of di-n-butyl phthalate and diethyl phthalate on acetylcholinesterase activity and neurotoxicity related gene expression in embryonic zebrafish. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 91, 635-9	2.7	35
5	Extraction, Physicochemical, and Functional Properties of Proteins From Milk Thistle <i>Silybum Marianum</i> L. Gaernt Seeds. <i>International Journal of Food Properties</i> , 2013 , 16, 1750-1763	3	7

4	Optimization of subcritical water extraction of polysaccharides from <i>Grifola frondosa</i> using response surface methodology. <i>Pharmacognosy Magazine</i> , 2013 , 9, 120-9	0.8	40
3	Carboxymethylation of polysaccharides from <i>Auricularia auricula</i> and their antioxidant activities in vitro. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 1124-30	7.9	97
2	Anti-diabetic properties of chromium citrate complex in alloxan-induced diabetic rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011 , 25, 218-24	4.1	19
1	Aqueous two-phase extraction, identification and antioxidant activity of anthocyanins from mulberry (<i>Morus atropurpurea</i> Roxb.). <i>Food Chemistry</i> , 2011 , 129, 443-453	8.5	102