

Liuqing Yang

List of Publications by Citations

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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 | 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 |
| 74 | Isolation, characterization and antioxidant activity of polysaccharide from Schisandra sphenanthera. <i>Carbohydrate Polymers</i> , 2014 , 105, 26-33 | 10.3 | 132 |
| 73 | 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 |
| 72 | Structural elucidation and antioxidant activity a novel Se-polysaccharide from Se-enriched Grifola frondosa. <i>Carbohydrate Polymers</i> , 2017 , 161, 42-52 | 10.3 | 98 |
| 71 | 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 |
| 70 | 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 |
| 69 | Adsorption properties of macroporous adsorbent resins for separation of anthocyanins from mulberry. <i>Food Chemistry</i> , 2016 , 194, 712-22 | 8.5 | 81 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |

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| 58 | 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 |
| 57 | Biotransformation and metabolism of three mulberry anthocyanin monomers by rat gut microflora. <i>Food Chemistry</i> , 2017 , 237, 887-894 | 8.5 | 37 |
| 56 | 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 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | Enhanced antitumor and reduced toxicity effect of <i>Schisanreae</i> polysaccharide in 5-Fu treated Heps-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2014 , 63, 114-8 | 7.9 | 27 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |
| 47 | Multiple bioanalytical method to reveal developmental biological responses in zebrafish embryos exposed to triclocarban. <i>Chemosphere</i> , 2018 , 193, 251-258 | 8.4 | 20 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 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 | 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 |

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| 40 | 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 |
| 39 | Structure analysis of a bioactive heteropolysaccharide from <i>Schisandra chinensis</i> (Turcz.) Baill. <i>Carbohydrate Polymers</i> , 2014 , 103, 488-95 | 10.3 | 16 |
| 38 | 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 |
| 37 | 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 |
| 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 | 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 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |

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| 22 | Extraction, Physicochemical, and Functional Properties of Proteins From Milk Thistle Silybum Marianum L. Gaernt Seeds. <i>International Journal of Food Properties</i> , 2013 , 16, 1750-1763 | 3 | 7 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | Separation, Identification, Antioxidant, and Anti-Tumor Activities of Hibiscus sabdariffa L. Extracts. <i>Separation Science and Technology</i> , 2014 , 49, 1379-1388 | 2.5 | 6 |
| 17 | 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 |
| 16 | Facile Synthesis of Dispiroheterocycles through One-Pot [3+2] Cycloaddition, and Their Antiviral Activity. <i>Synthesis</i> , 2019 , 51, 3847-3858 | 2.9 | 5 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | Structural characterization of a novel Schisandra polysaccharides and nutritional intervention in immunotoxicity to PCBs. <i>Carbohydrate Polymers</i> , 2021 , 258, 117380 | 10.3 | 1 |

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| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 | |