

Hao Hu

List of Publications by Year in Descending Order

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Version: 2024-04-19

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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.

42
papers

861
citations

15
h-index

28
g-index

44
ext. papers

1,134
ext. citations

6.7
avg, IF

4.45
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 42 | Effect of ultrasound on functional properties, flavor characteristics, and storage stability of soybean milk.. <i>Food Chemistry</i> , 2022 , 381, 132158 | 8.5 | 2 |
| 41 | Ribozyme-mediated CRISPR/Cas9 gene editing in pyrethrum (<i>Tanacetum cinerariifolium</i>) hairy roots using a RNA polymerase II-dependent promoter.. <i>Plant Methods</i> , 2022 , 18, 32 | 5.8 | 1 |
| 40 | A comprehensive study on structures and characterizations of 7S protein treated by high intensity ultrasound at different pH and ionic strengths. <i>Food Chemistry</i> , 2021 , 373, 131378 | 8.5 | 4 |
| 39 | Use of NAD tagSeq II to identify growth phase-dependent alterations in RNA NAD capping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 5 |
| 38 | Effects of long-term exposure to oxytetracycline on phytoremediation of swine wastewater via duckweed systems. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125508 | 12.8 | 11 |
| 37 | Effects of different nut oils on the structures and properties of gel-like emulsions induced by ultrasound using soy protein as an emulsifier. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 1649-1660 | 3.8 | 7 |
| 36 | SPAAC-NAD-seq, a sensitive and accurate method to profile NAD-capped transcripts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 5 |
| 35 | Tissue specificity of (E)-Farnesene and germacrene D accumulation in pyrethrum flowers. <i>Phytochemistry</i> , 2021 , 187, 112768 | 4 | 2 |
| 34 | Ultrasound-assisted gelation of β -carotene enriched oleogels based on candelilla wax-nut oils: Physical properties and in-vitro digestion analysis. <i>Ultrasonics Sonochemistry</i> , 2021 , 79, 105762 | 8.9 | 3 |
| 33 | Coin Paradox Spin-Orbit Interaction Enhances Magneto-Optical Effect and Its Application in On-Chip Integrated Optical Isolator. <i>Nanoscale Research Letters</i> , 2021 , 16, 175 | 5 | |
| 32 | Sustainable livestock wastewater treatment via phytoremediation: Current status and future perspectives. <i>Bioresource Technology</i> , 2020 , 315, 123809 | 11 | 50 |
| 31 | Discovery of novel dual c-Met/HDAC inhibitors as a promising strategy for cancer therapy. <i>Bioorganic Chemistry</i> , 2020 , 101, 103970 | 5.1 | 7 |
| 30 | Design, synthesis and biological evaluation of novel c-Met/HDAC dual inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127610 | 2.9 | 5 |
| 29 | Design, synthesis and biological evaluation of novel thieno[3,2-d]pyrimidine and quinazoline derivatives as potent antitumor agents. <i>Bioorganic Chemistry</i> , 2019 , 90, 103086 | 5.1 | 9 |
| 28 | Design, synthesis and biological evaluation of novel aryl-acrylic derivatives as novel indoleamine-2,3-dioxygenase 1 (IDO1) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 3135-3144 | 2.4 | 2 |
| 27 | Effects of different ionic strengths on the physicochemical properties of plant and animal proteins-stabilized emulsions fabricated using ultrasound emulsification. <i>Ultrasonics Sonochemistry</i> , 2019 , 58, 104627 | 8.9 | 43 |
| 26 | Defense of pyrethrum flowers: repelling herbivores and recruiting carnivores by producing aphid alarm pheromone. <i>New Phytologist</i> , 2019 , 223, 1607-1620 | 9.8 | 14 |

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| 25 | Insights of Pressure-induced Unfolding of β -Lactoglobulin as Revealed by Steered Molecular Dynamics. <i>Advanced Theory and Simulations</i> , 2019 , 2, 1800199 | 3.5 | 2 |
| 24 | Phytoremediation of anaerobically digested swine wastewater contaminated by oxytetracycline via <i>Lemna aequinoctialis</i> : Nutrient removal, growth characteristics and degradation pathways. <i>Bioresource Technology</i> , 2019 , 291, 121853 | 11 | 42 |
| 23 | Iodine promoted iodosulfonylation of alkynes with sulfonyl hydrazides in an aqueous medium: highly stereoselective synthesis of (E)-Iodo vinylsulfones. <i>New Journal of Chemistry</i> , 2018 , 42, 8752-8755 | 3.6 | 21 |
| 22 | Modification of chrysanthemum odour and taste with chrysanthemol synthase induces strong dual resistance against cotton aphids. <i>Plant Biotechnology Journal</i> , 2018 , 16, 1434-1445 | 11.6 | 14 |
| 21 | Effect of different oils and ultrasound emulsification conditions on the physicochemical properties of emulsions stabilized by soy protein isolate. <i>Ultrasonics Sonochemistry</i> , 2018 , 49, 283-293 | 8.9 | 77 |
| 20 | Optimisation of enzymatic production of sulforaphane in broccoli sprouts and their total antioxidant activity at different growth and storage days. <i>Journal of Food Science and Technology</i> , 2017 , 54, 209-218 | 3.3 | 14 |
| 19 | Multifunctional polycationic photosensitizer conjugates with rich hydroxyl groups for versatile water-soluble photodynamic therapy nanoplatfoms. <i>Biomaterials</i> , 2017 , 117, 77-91 | 15.6 | 80 |
| 18 | Formation of amyloid fibrils from soy protein hydrolysate: Effects of selective proteolysis on β -conglycinin. <i>Food Research International</i> , 2017 , 100, 268-276 | 7 | 22 |
| 17 | PGMA-Based Cationic Nanoparticles with Polyhydric Iodine Units for Advanced Gene Vectors. <i>Bioconjugate Chemistry</i> , 2016 , 27, 2744-2754 | 6.3 | 11 |
| 16 | Characterization and functional properties of mango peel pectin extracted by ultrasound assisted citric acid. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 794-803 | 7.9 | 77 |
| 15 | Controllable Heparin-Based Comb Copolymers and Their Self-assembled Nanoparticles for Gene Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8376-85 | 9.5 | 19 |
| 14 | Effect of high intensity ultrasound on transglutaminase-catalyzed soy protein isolate cold set gel. <i>Ultrasonics Sonochemistry</i> , 2016 , 29, 380-7 | 8.9 | 70 |
| 13 | Versatile functionalization of amylopectin for effective biomedical applications. <i>Science China Chemistry</i> , 2015 , 58, 1461-1470 | 7.9 | 17 |
| 12 | Redox-responsive polycation-functionalized cotton cellulose nanocrystals for effective cancer treatment. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8942-51 | 9.5 | 87 |
| 11 | Molecular cloning and characterization of the trichome specific chrysanthemyl diphosphate/chrysanthemol synthase promoter from <i>Tanacetum cinerariifolium</i> . <i>Scientia Horticulturae</i> , 2015 , 185, 193-199 | 4.1 | 7 |
| 10 | Design, synthesis and pharmacological evaluation of novel 4-phenoxyquinoline derivatives as potential antitumor agents. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 746-755 | 2.2 | 5 |
| 9 | Acid-Labile Poly(glycidyl methacrylate)-Based Star Gene Vectors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12238-48 | 9.5 | 40 |
| 8 | Chrysanthemyl diphosphate synthase operates in planta as a bifunctional enzyme with chrysanthemol synthase activity. <i>Journal of Biological Chemistry</i> , 2014 , 289, 36325-35 | 5.4 | 29 |

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| 7 | A facile strategy to functionalize gold nanorods with polycation brushes for biomedical applications. <i>Acta Biomaterialia</i> , 2014 , 10, 3786-94 | 10.8 | 37 |
| 6 | Mathematical modeling of multi-bed adiabatic reactor for the Methanol-to-Olefin process. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010 , 101, 49-61 | 1.6 | 3 |
| 5 | Characterization of the Corrosion Kinetic of X52 Steel in Seawater with Biocides. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1242, 1 | | |
| 4 | Regenerative multiwavelength conversion at 4 × 10-Gbit/S using a single SOA. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 466-469 | 1.2 | 1 |
| 3 | Simulation and experimental study on temperature field of fluid jet-dispenser 2009 , | | 2 |
| 2 | 40-Gb/s All-Optical Serial-to-Parallel Conversion Based on a Single SOA. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 1181-1183 | 2.2 | 10 |
| 1 | All-optical 3R regeneration based on the XPM effect of semiconductor optical amplifier. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1807-1810 | 1.2 | 3 |