

# Hui L I Wei Zhou

## List of Publications by Year in descending order

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91  
papers

6,900  
citations

172457

29  
h-index

64796

79  
g-index

94  
all docs

94  
docs citations

94  
times ranked

8753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical research on four-point bending performance of Nomex honeycomb sandwich panels. <i>Journal of Reinforced Plastics and Composites</i> , 2022, 41, 46-63.	3.1	4
2	An underlying softening mechanism in pale, soft and exudative “Like rabbit meat: The role of reactive oxygen species” Generating systems. <i>Food Research International</i> , 2022, 151, 110853.	6.2	16
3	Comprehensive insights into the evolution of microbiological and metabolic characteristics of the fat portion during the processing of traditional Chinese bacon. <i>Food Research International</i> , 2022, 155, 110987.	6.2	15
4	Assessing Impacts of Additives on Particulate Matter and Volatile Organic Compounds Produced from the Grilling of Meat. <i>Foods</i> , 2022, 11, 833.	4.3	3
5	An insight into the changes in the microbial community of Kantuan sliced chicken during storage at different temperatures. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	2
6	Stearic acid prevent alcohol-induced liver damage by regulating the gut microbiota. <i>Food Research International</i> , 2022, 155, 111095.	6.2	15
7	Reversible Room Temperature H <sub>2</sub> Gas Sensing Based on Self-Assembled Cobalt Oxysulfide. <i>Sensors</i> , 2022, 22, 303.	3.8	15
8	NURBS-Based Parametric Design for Ship Hull Form. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 686.	2.6	2
9	Three-point bending behavior of Nomex honeycomb sandwich panels: Experiment and simulation. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 1917-1931.	2.6	25
10	A comprehensive insight into the effects of microbial spoilage, myoglobin autoxidation, lipid oxidation, and protein oxidation on the discoloration of rabbit meat during retail display. <i>Meat Science</i> , 2021, 172, 108359.	5.5	47
11	Crashworthiness of Nomex honeycomb-filled anti-climbing energy absorbing devices. <i>International Journal of Crashworthiness</i> , 2021, 26, 121-132.	1.9	6
12	Hemin from porcine blood effectively stabilized color appearance and odor of prepared pork chops upon repeated freeze-thaw cycles. <i>Meat Science</i> , 2021, 175, 108432.	5.5	6
13	Influence of mixture of spices on phospholipid molecules during water-boiled salted duck processing based on shotgun lipidomics. <i>Food Research International</i> , 2021, 149, 110651.	6.2	19
14	Glutathione-mediated formation of disulfide bonds modulates the properties of myofibrillar protein gels at different temperatures. <i>Food Chemistry</i> , 2021, 364, 130356.	8.2	29
15	The genomic origins of the Bronze Age Tarim Basin mummies. <i>Nature</i> , 2021, 599, 256-261.	27.8	65
16	Analysis of the crashworthiness design and collision dynamics of a subway train. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2020, 234, 1117-1128.	2.0	5
17	In-plane and out-of-plane compressive mechanical properties of Nomex honeycombs and their prediction. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	10
18	Wettability Control of Interfaces for High-Performance Organic Thin-Film Transistors by Soluble Insulating Polymer Films. <i>ACS Omega</i> , 2020, 5, 10891-10899.	3.5	15

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19	Ancient genomes from northern China suggest links between subsistence changes and human migration. <i>Nature Communications</i> , 2020, 11, 2700.	12.8	133
20	Ancient DNA reveals two paternal lineages C2a1a1b1a/F3830 and C2b1b/F845 in past nomadic peoples distributed on the Mongolian Plateau. <i>American Journal of Physical Anthropology</i> , 2020, 172, 402-411.	2.1	5
21	Effects of different thermal temperatures on the shelf life and microbial diversity of Dezhou-braised chicken. <i>Food Research International</i> , 2020, 136, 109471.	6.2	29
22	The use of enamminones and enamines as effective synthons for MSA-catalyzed regioselective synthesis of 1,3,4-tri- and 1,3,4,5-tetrasubstituted pyrazoles. <i>New Journal of Chemistry</i> , 2019, 43, 16131-16137.	2.8	14
23	Superwetting Janus membranes: focusing on unidirectional transport behaviors and multiple applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12921-12950.	10.3	155
24	Domestication and Spread of Broomcorn Millet ( <i>Panicum miliaceum</i> L.) Revealed by Phylogeography of Cultivated and Weedy Populations. <i>Agronomy</i> , 2019, 9, 835.	3.0	9
25	The genome of an ancient Rouran individual reveals an important paternal lineage in the Donghu population. <i>American Journal of Physical Anthropology</i> , 2018, 166, 895-905.	2.1	32
26	The Y-chromosome haplogroup C3*-F3918, likely attributed to the Mongol Empire, can be traced to a 2500-year-old nomadic group. <i>Journal of Human Genetics</i> , 2018, 63, 231-238.	2.3	13
27	Developmental Trajectories of Attention in Typically Developing Chinese Children: A Four-Wave Longitudinal Study. <i>Developmental Neuropsychology</i> , 2018, 43, 479-496.	1.4	7
28	Ancient DNA reveals evidence of abundant aurochs ( <i>Bos primigenius</i> ) in Neolithic Northeast China. <i>Journal of Archaeological Science</i> , 2018, 98, 72-80.	2.4	26
29	Composite energy-absorbing structures combining thin-walled metal and honeycomb structures. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2017, 231, 394-405.	2.0	18
30	Origin and dispersal of early domestic pigs in northern China. <i>Scientific Reports</i> , 2017, 7, 5602.	3.3	32
31	Genetic diversity of two Neolithic populations provides evidence of farming expansions in North China. <i>Journal of Human Genetics</i> , 2017, 62, 199-204.	2.3	18
32	Theoretical research on general Hosford yield function of cubic orthorhombic sheets metals. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
33	Ancient DNA reveals genetic connections between early Di-Qiang and Han Chinese. <i>BMC Evolutionary Biology</i> , 2017, 17, 239.	3.2	21
34	Development and validation of a HPLC method for determination of degree of polymerization of xylo-oligosaccharides. <i>Food Chemistry</i> , 2016, 213, 654-659.	8.2	18
35	Ancient DNA analysis of <i>Panicum miliaceum</i> (broomcorn millet) from a Bronze Age cemetery in Xinjiang, China. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 469-477.	2.1	14
36	Models for the binding channel of wild type and mutant transthyretin with glabridin. <i>RSC Advances</i> , 2016, 6, 96816-96823.	3.6	5

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37	Relative contribution of alternative proteins to the growth of Juvenile Cobia, <i>Rachycentron canadum</i> (Linnaeus). <i>Aquaculture Research</i> , 2016, 47, 1639-1651.	1.8	3
38	Design and analysis of a composite energy-absorbing structure for use on railway vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2016, 230, 825-839.	2.0	14
39	Ancient mitochondrial genome reveals trace of prehistoric migration in the east Pamir by pastoralists. <i>Journal of Human Genetics</i> , 2016, 61, 103-108.	2.3	8
40	Crashworthiness optimisation of the front-end structure of the lead car of a high-speed train. <i>Structural and Multidisciplinary Optimization</i> , 2016, 53, 339-347.	3.5	18
41	Ancient DNA Reveals That the Genetic Structure of the Northern Han Chinese Was Shaped Prior to 3,000 Years Ago. <i>PLoS ONE</i> , 2015, 10, e0125676.	2.5	51
42	Simultaneous Quantitation of Na <sup>+</sup> and K <sup>+</sup> in Single Normal and Cancer Cells Using a New Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2015, 87, 6057-6063.	6.5	54
43	Low Mitochondrial DNA Diversity in an Ancient Population from China: Insight into Social Organization at the Fujia Site. <i>Human Biology</i> , 2015, 87, 71.	0.2	30
44	Ancient DNA reveals a migration of the ancient Dàqiang populations into Xinjiang as early as the early Bronze Age. <i>American Journal of Physical Anthropology</i> , 2015, 157, 71-80.	2.1	39
45	Analysis of ancient human mitochondrial DNA from the Xiaohe cemetery: insights into prehistoric population movements in the Tarim Basin, China. <i>BMC Genetics</i> , 2015, 16, 78.	2.7	71
46	Identification of kinship and occupant status in Mongolian noble burials of the Yuan Dynasty through a multidisciplinary approach. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130378.	4.0	22
47	A computational frame and resource for understanding the lncRNA-environmental factor associations and prediction of environmental factors implicated in diseases. <i>Molecular BioSystems</i> , 2014, 10, 3264-3271.	2.9	11
48	Early Holocene chicken domestication in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17564-17569.	7.1	181
49	Ancient DNA provides new insight into the maternal lineages and domestication of Chinese donkeys. <i>BMC Evolutionary Biology</i> , 2014, 14, 246.	3.2	27
50	The origins of Chinese domestic cattle as revealed by ancient DNA analysis. <i>Journal of Archaeological Science</i> , 2014, 41, 423-434.	2.4	61
51	starBase v2.0: decoding miRNA-ceRNA, miRNA-ncRNA and protein-RNA interaction networks from large-scale CLIP-Seq data. <i>Nucleic Acids Research</i> , 2014, 42, D92-D97.	14.5	4,113
52	Ancient DNA evidence reveals that the Y chromosome haplogroup Q1a1 admixed into the Han Chinese 3,000 years ago. <i>American Journal of Human Biology</i> , 2014, 26, 813-821.	1.6	25
53	Y Chromosome analysis of prehistoric human populations in the West Liao River Valley, Northeast China. <i>BMC Evolutionary Biology</i> , 2013, 13, 216.	3.2	33
54	Genetic Data Suggests that the Jinggouzi People are Associated with the Dongghu, an Ancient Nomadic Group of North China. <i>Human Biology</i> , 2012, 84, 365-378.	0.2	26

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55	Distribution of <i>CYP2C9*13</i> allele in the Chinese Han and the long-range haplotype containing <i>CYP2C9*13</i> and <i>CYP2C19*2</i> . <i>Biopharmaceutics and Drug Disposition</i> , 2012, 33, 342-345.	1.9	9
56	One-step synthesis of low defect density carbon nanotube-doped Ni(OH) <sub>2</sub> nanosheets with improved electrochemical performances. <i>RSC Advances</i> , 2011, 1, 484.	3.6	70
57	Ancient DNA analysis of desiccated wheat grains excavated from a Bronze Age cemetery in Xinjiang. <i>Journal of Archaeological Science</i> , 2011, 38, 115-119.	2.4	55
58	Early history of Chinese domestic sheep indicated by ancient DNA analysis of Bronze Age individuals. <i>Journal of Archaeological Science</i> , 2011, 38, 896-902.	2.4	72
59	Effects of ABCB1 polymorphisms on plasma carbamazepine concentrations and pharmacoresistance in Chinese patients with epilepsy. <i>Epilepsy and Behavior</i> , 2011, 21, 27-30.	1.7	53
60	Ancient DNA evidence supports the contribution of Di-Qiang people to the han Chinese gene pool. <i>American Journal of Physical Anthropology</i> , 2011, 144, 258-268.	2.1	47
61	Genetic characteristics and migration history of a bronze culture population in the West Liao-River valley revealed by ancient DNA. <i>Journal of Human Genetics</i> , 2011, 56, 815-822.	2.3	32
62	Inhibition of Histone Deacetylases 1 and 6 Enhances Cytarabine-Induced Apoptosis in Pediatric Acute Myeloid Leukemia Cells. <i>PLoS ONE</i> , 2011, 6, e17138.	2.5	47
63	Prehistorical East-West admixture of maternal lineages in a 2,500-year-old population in Xinjiang. <i>American Journal of Physical Anthropology</i> , 2010, 142, 314-320.	2.1	17
64	Mitochondrial DNA analysis provides new insights into the origin of the Chinese domestic goat. <i>Small Ruminant Research</i> , 2010, 90, 41-46.	1.2	13
65	Early Eurasian migration traces in the Tarim Basin revealed by mtDNA polymorphisms. <i>American Journal of Physical Anthropology</i> , 2010, 142, 558-564.	2.1	23
66	Evidence that a West-East admixed population lived in the Tarim Basin as early as the early Bronze Age. <i>BMC Biology</i> , 2010, 8, 15.	3.8	101
67	Mechanisms of Synergistic Antileukemic Interactions between Valproic Acid and Cytarabine in Pediatric Acute Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2010, 16, 5499-5510.	7.0	71
68	Ancient DNA from nomads in 2500-year-old archeological sites of Pengyang, China. <i>Journal of Human Genetics</i> , 2010, 55, 215-218.	2.3	15
69	Mechanism of CYP2C9 Inhibition by Flavones and Flavonols. <i>Drug Metabolism and Disposition</i> , 2009, 37, 629-634.	3.3	133
70	Ancient DNA analysis of human remains from the upper capital city of Kublai Khan. <i>American Journal of Physical Anthropology</i> , 2009, 138, 23-29.	2.1	5
71	Analysis of the matrilineal genetic structure of population in the early Iron Age from Tarim Basin, Xinjiang, China. <i>Science Bulletin</i> , 2009, 54, 3916-3923.	1.7	11
72	Mitochondrial DNA analysis of human remains from the Yuansha site in Xinjiang, China. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 205-213.	1.3	16

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73	Molecular genetic analysis of Dongzhou-period ancient human of Helingeer in Inner Mongolia, China. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 9-12.	0.2	0
74	Mitochondrial DNA Evidence for a Diversified Origin of Workers Building Mausoleum for First Emperor of China. <i>PLoS ONE</i> , 2008, 3, e3275.	2.5	10
75	Highly Enantioselective Aza-Henry Reaction of <i>N</i> -Tosyl Imines Catalyzed by <i>N,N</i> -Dioxide <sup>+</sup> Cu(I) Complexes. <i>Journal of Organic Chemistry</i> , 2007, 72, 10302-10304.	3.2	61
76	Molecular genetic analysis of Wanggu remains, Inner Mongolia, China. <i>American Journal of Physical Anthropology</i> , 2007, 132, 285-291.	2.1	13
77	Tracing the genetic history of the Chinese people: Mitochondrial DNA analysis of aneolithic population from the Lajia site. <i>American Journal of Physical Anthropology</i> , 2007, 133, 1128-1136.	2.1	23
78	Molecular genetic analysis of remains from Lamadong cemetery, Liaoning, China. <i>American Journal of Physical Anthropology</i> , 2007, 134, 404-411.	2.1	15
79	Highly Enantioselective Cyanoformylation of Aldehydes Catalyzed by a Mononuclear Salen-Ti(OiPr) <sub>4</sub> Complex Produced In Situ. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 639-644.	2.4	36
80	Influence of CYP2C9 and CYP2C19 genetic polymorphisms on pharmacokinetics of gliclazide MR in Chinese subjects. <i>British Journal of Clinical Pharmacology</i> , 2007, 64, 67-74.	2.4	55
81	Phylogenetic Analysis of mtDNA from the Ancient Human of Yuan Dynasty in Inner Mongolia in China 1. <i>Chemical Research in Chinese Universities</i> , 2006, 22, 177-180.	2.6	0
82	Lornoxicam pharmacokinetics in relation to cytochrome P450 2C9 genotype. <i>British Journal of Clinical Pharmacology</i> , 2005, 59, 14-17.	2.4	45
83	ROLE OF CYP2C9 AND ITS VARIANTS (CYP2C9*3 AND CYP2C9*13) IN THE METABOLISM OF LORNOXICAM IN HUMANS. <i>Drug Metabolism and Disposition</i> , 2005, 33, 749-753.	3.3	68
84	Identification of a novel variant CYP2C9 allele in Chinese. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 465-469.	5.7	90
85	Selection of Peptide Ligands Binding to Fibroblast Growth Factor Receptor 1. <i>IUBMB Life</i> , 2002, 54, 67-72.	3.4	20
86	Selection of Peptide Ligands That Bind to Acid Fibroblast Growth Factor. <i>IUBMB Life</i> , 2000, 49, 545-548.	3.4	8
87	A novel method for selection of chymotrypsin inhibitors from a phage peptide library. <i>IUBMB Life</i> , 1998, 45, 155-161.	3.4	0
88	Immobilization of glucose isomerase and its application in continuous production of high fructose syrup. <i>Applied Biochemistry and Biotechnology</i> , 1998, 69, 17-29.	2.9	6
89	Immobilization of glucose isomerase and its application in continuous production of high fructose syrup. <i>Applied Biochemistry and Biotechnology</i> , 1998, 69, 203-215.	2.9	11
90	Co-immobilization of cellulase and glucose isomerase by molecular deposition technique. <i>Biotechnology Letters</i> , 1997, 11, 359-361.	0.5	8

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91	Ancient genomes reveal complex genetic history of an international metropolis at Kublai Khan's Upper Capital (Xanadu). American Journal of Biological Anthropology, 0, , .	1.1	0