

Hui L I Wei Zhou

List of Publications by Year in descending order

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91
papers

6,900
citations

172457

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64796

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94
all docs

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docs citations

94
times ranked

8753
citing authors

#	ARTICLE	IF	CITATIONS
1	starBase v2.0: decoding miRNA-ceRNA, miRNA-ncRNA and proteinâ€“RNA interaction networks from large-scale CLIP-Seq data. <i>Nucleic Acids Research</i> , 2014, 42, D92-D97.	14.5	4,113
2	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
3	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
4	Mechanism of CYP2C9 Inhibition by Flavones and Flavonols. <i>Drug Metabolism and Disposition</i> , 2009, 37, 629-634.	3.3	133
5	Ancient genomes from northern China suggest links between subsistence changes and human migration. <i>Nature Communications</i> , 2020, 11, 2700.	12.8	133
6	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
7	Identification of a novel variant CYP2C9 allele in Chinese. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 465-469.	5.7	90
8	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
9	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
10	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
11	One-step synthesis of low defect density carbon nanotube-doped Ni(OH) ₂ nanosheets with improved electrochemical performances. <i>RSC Advances</i> , 2011, 1, 484.	3.6	70
12	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
13	The genomic origins of the Bronze Age Tarim Basin mummies. <i>Nature</i> , 2021, 599, 256-261.	27.8	65
14	Highly Enantioselective Aza-Henry Reaction of <i>N,N</i> -Tosyl Imines Catalyzed by <i>N,N</i> -Dioxide ⁺ Cu(I) Complexes. <i>Journal of Organic Chemistry</i> , 2007, 72, 10302-10304.	3.2	61
15	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
16	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
17	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
18	Simultaneous Quantitation of Na ⁺ and K ⁺ in Single Normal and Cancer Cells Using a New Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2015, 87, 6057-6063.	6.5	54

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19	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
20	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
21	Ancient DNA evidence supports the contribution of Diâ€ƒqiang people to the han Chinese gene pool. <i>American Journal of Physical Anthropology</i> , 2011, 144, 258-268.	2.1	47
22	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
23	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
24	Lornoxicam pharmacokinetics in relation to cytochrome P450 2C9 genotype. <i>British Journal of Clinical Pharmacology</i> , 2005, 59, 14-17.	2.4	45
25	Ancient <sc>DNA</sc> reveals a migration of the ancient <sc>D</sc>â€ƒqiang populations into <sc>X</sc>injiang as early as the early <sc>B</sc>ronze <sc>A</sc>ge. <i>American Journal of Physical Anthropology</i> , 2015, 157, 71-80.	2.1	39
26	Highly Enantioselective Cyanoformylation of Aldehydes Catalyzed by a Mononuclear Salen-Ti(OiPr) ₄ Complex Produced In Situ. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 639-644.	2.4	36
27	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
28	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
29	Origin and dispersal of early domestic pigs in northern China. <i>Scientific Reports</i> , 2017, 7, 5602.	3.3	32
30	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
31	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
32	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
33	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
34	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
35	Genetic Data Suggests that the Jinggouzi People are Associated with the Donghu, an Ancient Nomadic Group of North China. <i>Human Biology</i> , 2012, 84, 365-378.	0.2	26
36	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

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37	Ancient <sc>DNA</sc> evidence reveals that the <sc>Y</sc> chromosome haplogroup <sc>Q</sc>1a1 admixed into the <sc>H</sc>an <sc>C</sc>hinese 3,000 years ago. American Journal of Human Biology, 2014, 26, 813-821.	1.6	25
38	Three-point bending behavior of Nomex honeycomb sandwich panels: Experiment and simulation. Mechanics of Advanced Materials and Structures, 2021, 28, 1917-1931.	2.6	25
39	Tracing the genetic history of the Chinese people: Mitochondrial DNA analysis of aneolithic population from the Lajia site. American Journal of Physical Anthropology, 2007, 133, 1128-1136.	2.1	23
40	Early Eurasian migration traces in the Tarim Basin revealed by mtDNA polymorphisms. American Journal of Physical Anthropology, 2010, 142, 558-564.	2.1	23
41	Identification of kinship and occupant status in Mongolian noble burials of the Yuan Dynasty through a multidisciplinary approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130378.	4.0	22
42	Ancient DNA reveals genetic connections between early Di-Qiang and Han Chinese. BMC Evolutionary Biology, 2017, 17, 239.	3.2	21
43	Selection of Peptide Ligands Binding to Fibroblast Growth Factor Receptor 1. IUBMB Life, 2002, 54, 67-72.	3.4	20
44	Influence of mixture of spices on phospholipid molecules during water-boiled salted duck processing based on shotgun lipidomics. Food Research International, 2021, 149, 110651.	6.2	19
45	Development and validation of a HPLC method for determination of degree of polymerization of xylo-oligosaccharides. Food Chemistry, 2016, 213, 654-659.	8.2	18
46	Crashworthiness optimisation of the front-end structure of the lead car of a high-speed train. Structural and Multidisciplinary Optimization, 2016, 53, 339-347.	3.5	18
47	Composite energy-absorbing structures combining thin-walled metal and honeycomb structures. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2017, 231, 394-405.	2.0	18
48	Genetic diversity of two Neolithic populations provides evidence of farming expansions in North China. Journal of Human Genetics, 2017, 62, 199-204.	2.3	18
49	Prehistorical East-West admixture of maternal lineages in a 2,500-year-old population in Xinjiang. American Journal of Physical Anthropology, 2010, 142, 314-320.	2.1	17
50	Mitochondrial DNA analysis of human remains from the Yuansha site in Xinjiang, China. Science in China Series C: Life Sciences, 2008, 51, 205-213.	1.3	16
51	An underlying softening mechanism in pale, soft and exudative "Like rabbit meat: The role of reactive oxygen species" Generating systems. Food Research International, 2022, 151, 110853.	6.2	16
52	Molecular genetic analysis of remains from Lamadong cemetery, Liaoning, China. American Journal of Physical Anthropology, 2007, 134, 404-411.	2.1	15
53	Ancient DNA from nomads in 2500-year-old archeological sites of Pengyang, China. Journal of Human Genetics, 2010, 55, 215-218.	2.3	15
54	Wettability Control of Interfaces for High-Performance Organic Thin-Film Transistors by Soluble Insulating Polymer Films. ACS Omega, 2020, 5, 10891-10899.	3.5	15

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55	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
56	Stearic acid prevent alcohol-induced liver damage by regulating the gut microbiota. <i>Food Research International</i> , 2022, 155, 111095.	6.2	15
57	Reversible Room Temperature H ₂ Gas Sensing Based on Self-Assembled Cobalt Oxysulfide. <i>Sensors</i> , 2022, 22, 303.	3.8	15
58	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
59	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
60	The use of enamines 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
61	Molecular genetic analysis of Wanggu remains, Inner Mongolia, China. <i>American Journal of Physical Anthropology</i> , 2007, 132, 285-291.	2.1	13
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	Co-immobilization of cellulase and glucose isomerase by molecular deposition technique. <i>Biotechnology Letters</i> , 1997, 11, 359-361.	0.5	8
72	Selection of Peptide Ligands That Bind to Acid Fibroblast Growth Factor. <i>IUBMB Life</i> , 2000, 49, 545-548.	3.4	8

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73	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
74	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
75	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
76	Crashworthiness of Nomex [®] honeycomb-filled anti-climbing energy absorbing devices. <i>International Journal of Crashworthiness</i> , 2021, 26, 121-132.	1.9	6
77	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
78	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
79	Models for the binding channel of wild type and mutant transthyretin with glabridin. <i>RSC Advances</i> , 2016, 6, 96816-96823.	3.6	5
80	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
81	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
82	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
83	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
84	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
85	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
86	NURBS-Based Parametric Design for Ship Hull Form. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 686.	2.6	2
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	Phylogenetic Analysis of mtDNA from the Ancient Human of Yuan Dynasty in Inner Mongolia in China. <i>Chemical Research in Chinese Universities</i> , 2006, 22, 177-180.	2.6	0
89	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
90	Theoretical research on general Hosford yield function of cubic orthorhombic sheets metals. <i>AIP Conference Proceedings</i> , 2017, .	0.4	0

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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