Wei Hu

List of Publications by Year
in descending order

125	1,940	304743	377865
papers	citations	22 h-index	34 g-index

129	129	129	2606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A United CNN-LSTM Algorithm Combining RR Wave Signals to Detect Arrhythmia in the 5G-Enabled Medical Internet of Things. IEEE Internet of Things Journal, 2022, 9, 14563-14571.	8.7	20
2	A wide range of triglyceride levels is sufficient for fetal growth at gestational weeks 12â€“16, but higher triglyceride levels are associated with gestational hypertension. Pregnancy Hypertension, 2022, 27, 74-80.	1.4	1
3	Electroacupuncture improves metabolic and ovarian function in a rat model of polycystic ovary syndrome by decreasing white adipose tissue, increasing brown adipose tissue, and modulating the gut microbiota. Acupuncture in Medicine, 2022, 40, 347-359.	1.0	7
4	Comparative transcriptome profiles of Schistosoma japonicum larval stages: Implications for parasite biology and host invasion. PLoS Neglected Tropical Diseases, 2022, 16, e0009889.	3.0	5
5	SOCS6 Promotes Mitochondrial Fission and Cardiomyocyte Apoptosis and Is Negatively Regulated by Quaking-Mediated miR-19b. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19.	4.0	3
6	A chromosome-level genome of the human blood fluke Schistosoma japonicum identifies the genomic basis of host-switching. Cell Reports, 2022, 39, 110638.	6.4	10
7	Diversity of Brachionus plicatilis species complex (Rotifera) in inland saline waters from China: Presence of a new mitochondrial clade on the Tibetan Plateau. Molecular Phylogenetics and Evolution, 2022, 171, 107457.	2.7	4
8	Cyanobacterial bloom associated with a complete turnover of a Daphnia population in a warmâ€temperate eutrophic lake in Eastern China. Freshwater Biology, 2022, 67, 508-517.	2.4	2
9	Three-dimensional visualization of electroacupuncture-induced activation of brown adipose tissue via sympathetic innervation in PCOS rats. Chinese Medicine, 2022, 17, 48.	4.0	6
10	Phylogeography of the freshwater rotifer Brachionus calyciflorus species complex in China. Hydrobiologia, 2022, 849, 2813-2829.	2.0	4
11	Analysis of Time to the Hospital and Ambulance Use Following a Stroke Community Education Intervention in China. JAMA Network Open, 2022, 5, e2212674.	5.9	15
12	Antitumor Effect of Pseudolaric Acid B Involving Regulation of Notch1/Akt Signaling Response in Human Hepatoma Cell In Vitro. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	1.2	3
13	Therapeutic inhibition of miR-802 protects against obesity through AMPK-mediated regulation of hepatic lipid metabolism. Theranostics, 2021, 11, 1079-1099.	10.0	20
14	Spatial topological analysis of sympathetic neurovascular characteristic of acupoints in Ren meridian using advanced tissue-clearing and near infrared II imaging. Computational and Structural Biotechnology Journal, 2021, 19, 2236-2245.	4.1	3
15	Probiotic yogurt blunts the increase of blood pressure in spontaneously hypertensive rats via remodeling of the gut microbiota. Food and Function, 2021, 12, 9773-9783.	4.6	19
16	Anti-echinococcal effect of verapamil involving the regulation of the calcium/calmodulin-dependent protein kinase II response in vitro and in a murine infection model. Parasites and Vectors, 2021, 14, 108.	2.5	5
17	Association of coagulation dysfunction with cardiac injury among hospitalized patients with COVID-19. Scientific Reports, 2021, 11, 4432.	3.3	7
18	Epidemiological survey of human echinococcosis in east Gansu, China. Scientific Reports, 2021, 11, 6373.	3.3	3

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19	Downregulation of hsa_circ_0004543 Activates oxLDL-Induced Vascular Endothelial Cell Proliferation and Angiogenesis. Frontiers in Genetics, 2021, 12, 632164.	2.3	10
20	Dancing on the top: phylogeography and genetic diversity of high-altitude freshwater fairy shrimps (Branchiopoda, Anostraca) with a focus on the Tibetan Plateau. Hydrobiologia, 2021, 848, 2611-2626.	2.0	2
21	Long-term androgen excess induces insulin resistance and non-alcoholic fatty liver disease in PCOS-like rats. Journal of Steroid Biochemistry and Molecular Biology, 2021, 208, 105829.	2.5	22
22	Prevalence and factors associated with intestinal schistosomiasis and human fascioliasis among school children in Amhara Regional State, Ethiopia. Tropical Medicine and Health, 2021, 49, 35.	2.8	8
23	Left ventricular geometry transition in hypertensive patients with heart failure with preserved ejection fraction. ESC Heart Failure, 2021, 8, 2784-2790.	3.1	5
24	Allergen-Specific Treg Cells Upregulated by Lung-Stage S. japonicum Infection Alleviates Allergic Airway Inflammation. Frontiers in Cell and Developmental Biology, 2021, 9, 678377.	3.7	2
25	Genomic regions associated with adaptation to predation in Daphnia often include members of expanded gene families. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210803.	2.6	7
26	Risk Evaluation of Pathogenic Intestinal Protozoa Infection Among Laboratory Macaques, Animal Facility Workers, and Nearby Villagers From One Health Perspective. Frontiers in Veterinary Science, 2021, 8, 696568.	2.2	4
27	Mechanism of Ursolic Acid Inhibiting Myocardial Injury in Mice. Journal of Biomaterials and Tissue Engineering, 2021, 11, 1799-1804.	0.1	0
28	Intermedin attenuates macrophage phagocytosis via regulation of the long noncoding RNA Dnm3os/miR-27b-3p/SLAMF7 axis in a mouse model of atherosclerosis in diabetes. Biochemical and Biophysical Research Communications, 2021, 583, 35-42.	2.1	10
29	Reduction of autofluorescence in whole adult worms of Schistosoma japonicum for immunofluorescence assay. Parasites and Vectors, 2021, 14, 532.	2.5	2
30	Recent progress in optical clearing of eye tissues. Experimental Eye Research, 2021, 212, 108796.	2.6	3
31	Cryptic diversity and gene introgression of Moinidae (Crustacea: Cladocera) in Nigeria. Contributions To Zoology, 2021, 90, 463-486.	0.5	2
32	Effects of comprehensive nursing on negative emotion and prognosis of patients with sepsis. American Journal of Translational Research (discontinued), 2021, 13, 8221-8227.	0.0	1
33	The Identification of Candidate Biomarkers and Pathways in Atherosclerosis by Integrated Bioinformatics Analysis. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13.	1.3	9
34	The Identification of Key Genes and Biological Pathways in Heart Failure by Integrated Bioinformatics Analysis. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	1.3	1
35	CircRNA circ-NNT mediates myocardial ischemia/reperfusion injury through activating pyroptosis by sponging miR-33a-5p and regulating USP46 expression. Cell Death Discovery, 2021, 7, 370.	4.7	24
36	PET Imaging for Dynamically Monitoring Neuroinflammation in APP/PS1 Mouse Model Using [18F]DPA714. Frontiers in Neuroscience, 2020, 14, 810.	2.8	16

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37	Identification of the Key Genes Involved in the Effect of Folic Acid on Endothelial Progenitor Cell Transcriptome of Patients with Type 1 Diabetes. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-7.	1.3	1
38	Glycogen Phosphorylase: A Drug Target of Amino Alcohols in Echinococcus granulosus, Predicted by a Computer-Aided Method. Frontiers in Microbiology, 2020, 11, 557039.	3.5	4
39	In Vivo Imaging of Senescent Vascular Cells in Atherosclerotic Mice Using a Î²-Galactosidase-Activatable Nanoprobe. Analytical Chemistry, 2020, 92, 12613-12621.	6.5	33
40	Peripheral leukocyte counts vary with lipid levels, age and sex in subjects from the healthy population. Atherosclerosis, 2020, 308, 15-21.	0.8	10
41	Trends in LDL-C and Non-HDL-C Levels with Age. , 2020, 11, 1046.		20
42	Surface electrocardiographic characteristics in coronavirus disease 2019: repolarization abnormalities associated with cardiac involvement. ESC Heart Failure, 2020, 7, 4408-4415.	3.1	15
43	Schistosoma japonicum SjE16.7 Protein Promotes Tumor Development via the Receptor for Advanced Glycation End Products (RAGE). Frontiers in Immunology, 2020, 11, 1767.	4.8	11
44	Lineage diversity, morphological and genetic divergence in Daphnia magna (Crustacea) among Chinese lakes at different altitudes. Contributions To Zoology, 2020, 89, 450-470.	0.5	10
45	Ovarian Innervation Coupling With Vascularity: The Role of Electro-Acupuncture in Follicular Maturation in a Rat Model of Polycystic Ovary Syndrome. Frontiers in Physiology, 2020, 11, 474.	2.8	9
46	A Biological and Immunological Characterization of Schistosoma Japonicum Heat Shock Proteins 40 and 90Î±. International Journal of Molecular Sciences, 2020, 21, 4034.	4.1	9
47	Contributions and achievements on schistosomiasis control and elimination in China by NIPD-CTDR. Advances in Parasitology, 2020, 110, 1-62.	3.2	12
48	Multiplex cytokine and antibody profile in cystic echinococcosis patients during a three-year follow-up in reference to the cyst stages. Parasites and Vectors, 2020, 13, 133.	2.5	16
49	Oncomelania hupensis retains its ability to transmit Schistosoma japonicum 13 years after migration from permissive to non-permissive areas. Parasites and Vectors, 2020, 13, 146.	2.5	4
50	Temporal transcriptome change of Oncomelania hupensis revealed by Schistosoma japonicum invasion. Cell and Bioscience, 2020, 10, 58.	4.8	14
51	Phylogeography and genetic diversity of the copepod family Cyclopidae (Crustacea: Cyclopoida) from freshwater ecosystems of Southeast Nigeria. BMC Evolutionary Biology, 2020, 20, 45.	3.2	2
52	Schistosoma japonicum cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. PLoS Neglected Tropical Diseases, 2020, 14, e0008810.	3.0	13
53	Genome assembly and transcriptome analysis provide insights into the antischistosome mechanism of Microtus fortis. Journal of Genetics and Genomics, 2020, 47, 743-755.	3.9	2
54	Schistosoma japonicum cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. , 2020, 14, e0008810.		0

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55	Schistosoma japonicum cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. , 2020, 14, e0008810.		0
56	Schistosoma japonicum cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. , 2020, 14, e0008810.		0
57	Schistosoma japonicum cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. , 2020, 14, e0008810.		0
58	Lineage diversity and reproductive modes of the Daphnia pulex group in Chinese lakes and reservoirs. Molecular Phylogenetics and Evolution, 2019, 130, 424-433.	2.7	26
59	An improved genome assembly of the fluke Schistosoma japonicum. PLoS Neglected Tropical Diseases, 2019, 13, e0007612.	3.0	50
60	A chromosomal-level genome assembly for the insect vector for Chagas disease, Triatoma rubrofasciata. GigaScience, 2019, 8, .	6.4	21
61	A chromosomal-level genome assembly for the giant African snail Achatina fulica. GigaScience, 2019, 8, .	6.4	42
62	Clonal diversity and substantial genetic divergence of the Daphnia similis species complex in Chinese lakes: Possible adaptations to the uplift of the Qinghaiâ€Tibetan Plateau. Limnology and Oceanography, 2019, 64, 2725-2737.	3.1	8
63	Transmission of Schistosoma mansoni in Yachi areas, southwestern Ethiopia: new foci. Infectious Diseases of Poverty, 2019, 8, 1.	3.7	75
64	Comprehensive analysis of miRNA profiles reveals the role of Schistosoma japonicum miRNAs at different developmental stages. Veterinary Research, 2019, 50, 23.	3.0	11
65	New lineages and old species: Lineage diversity and regional distribution of Moina (Crustacea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.7	19
66	Diversity of the Gut Microbiota in Dihydrotestosterone-Induced PCOS Rats and the Pharmacologic Effects of Diane-35, Probiotics, and Berberine. Frontiers in Microbiology, 2019, 10, 175.	3.5	56
67	Effect of combined testing of ceramides with high-sensitive troponin T on the detection of acute coronary syndrome in patients with chest pain in China: a prospective observational study. BMJ Open, 2019, 9, e028211.	1.9	13
68	Daphnia galeata and D.Âdentifera are geographically and ecologically separated whereas their hybrids occur in intermediate habitats: A survey of 44 Chinese lakes. Molecular Ecology, 2019, 28, 785-802.	3.9	26
69	Molecular characterization of Babesia microti seroreactive antigen 5-1-1 and development of rapid detection methods for anti-B. microti antibodies in serum. Acta Tropica, 2018, 185, 371-379.	2.0	5
70	Characterization and potential role of microRNA in the Chinese dominant malaria mosquito Anopheles sinensis (Diptera: Culicidae) throughout four different life stages. Cell and Bioscience, 2018, 8, 29.	4.8	9
71	Sj<scp>HSP</scp>60 induces <scp>CD</scp>4⁺<scp>CD</scp>25⁺Foxp3⁺ Tregs via <scp>TLR</scp>4â€Malâ€drived production of <scp>TGF</scp>â€Î² in macrophages. Immunology and Cell Biology, 2018, 96, 958-968.	2.3	16
72	In Vitro Effects of Amino Alcohols on Echinococcus granulosus. Acta Tropica, 2018, 182, 285-290.	2.0	15

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73	Endogenous Ovarian Angiogenesis in Polycystic Ovary Syndrome-Like Rats Induced by Low-Frequency Electro-Acupuncture: The CLARITY Three-Dimensional Approach. International Journal of Molecular Sciences, 2018, 19, 3500.	4.1	24
74	Cytonuclear diversity and shared mitochondrial haplotypes among Daphnia galeata populations separated by seven thousand kilometres. BMC Evolutionary Biology, 2018, 18, 130.	3.2	9
75	Identification and characterization of the zinc finger protein SjZF in Schistosoma japonicum. Biochemical and Biophysical Research Communications, 2018, 501, 920-926.	2.1	2
76	RNA interference inÂvivo in Schistosoma japonicum: Establishing and optimization of RNAi mediated suppression of gene expression by long dsRNA in the intra-mammalian life stages of worms. Biochemical and Biophysical Research Communications, 2018, 503, 1004-1010.	2.1	25
77	Response to â€œObstructive Sleep Apnea and Hypertension: Systolic Versus Diastolic Blood Pressureâ€. Obesity, 2018, 26, 1250-1250.	3.0	0
78	Screening for biomarkers reflecting the progression of Babesia microti infection. Parasites and Vectors, 2018, 11, 379.	2.5	20
79	Enzyme activity of Schistosoma japonicum cercarial elastase SjCE-2b ascertained by in vitro refolded recombinant protein. Acta Tropica, 2018, 187, 15-22.	2.0	5
80	microRNA profiles and functions in mosquitoes. PLoS Neglected Tropical Diseases, 2018, 12, e0006463.	3.0	36
81	Analysis of microRNA profile of Anopheles sinensis by deep sequencing and bioinformatic approaches. Parasites and Vectors, 2018, 11, 172.	2.5	7
82	In vitro and in vivo efficacies of carbazole aminoalcohols in the treatment of alveolar echinococcosis. Acta Tropica, 2018, 185, 138-143.	2.0	4
83	Effects of Pinocembrin Pretreatment on Connexin 43 (Cx43) Protein Expression After Rat Myocardial Ischemia-Reperfusion and Cardiac Arrhythmia. Medical Science Monitor, 2018, 24, 5008-5014.	1.1	15
84	Skeletal Muscle CLARITY: A Preliminary Study of Imaging The Three-Dimensional Architecture of Blood Vessels and Neurons. Cell Journal, 2018, 20, 132-137.	0.2	22
85	Identification and functional characterisation of a Schistosoma japonicum insulin-like peptide. Parasites and Vectors, 2017, 10, 181.	2.5	15
86	PPARÎ³ agonist use and recurrence of atrial fibrillation after successful electrical cardioversion. Hellenic Journal of Cardiology, 2017, 58, 387-390.	1.0	10
87	Identification and validation of a Schistosoma japonicum U6 promoter. Parasites and Vectors, 2017, 10, 281.	2.5	5
88	Dynamic transcriptomes identify biogenic amines and insect-like hormonal regulation for mediating reproduction in Schistosoma japonicum. Nature Communications, 2017, 8, 14693.	12.8	75
89	Diastolic Blood Pressure Rises with the Exacerbation of Obstructive Sleep Apnea in Males. Obesity, 2017, 25, 1980-1987.	3.0	10
90	PRDX2 in Myocyte Hypertrophy and Survival is Mediated by TLR4 in Acute Infarcted Myocardium. Scientific Reports, 2017, 7, 6970.	3.3	19

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91	Genetic diversity and selection of three nuclear genes in Schistosoma japonicum populations. Parasites and Vectors, 2017, 10, 87.	2.5	7
92	Genetic diversity of Plasmodium vivax revealed by the merozoite surface protein-1 icb5-6 fragment. Infectious Diseases of Poverty, 2017, 6, 92.	3.7	4
93	NEDD4-1 protects against ischaemia/reperfusion-induced cardiomyocyte apoptosis via the PI3K/Akt pathway. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 437-448.	4.9	22
94	Three-dimensional Reconstruction of the Vascular Architecture of the Passive CLARITY-cleared Mouse Ovary. Journal of Visualized Experiments, 2017, , .	0.3	11
95	Comparative Analysis of Proteome-Wide Lysine Acetylation in Juvenile and Adult Schistosoma japonicum. Frontiers in Microbiology, 2017, 8, 2248.	3.5	29
96	Rapamycin Inhibits Cardiac Hypertrophy by Promoting Autophagy via the MEK/ERK/Beclin-1 Pathway. Frontiers in Physiology, 2016, 7, 104.	2.8	64
97	DNA Microarray Detection of 18 Important Human Blood Protozoan Species. PLoS Neglected Tropical Diseases, 2016, 10, e0005160.	3.0	11
98	Deceleration and acceleration capacities of heart rate associated with heart failure with high discriminating performance. Scientific Reports, 2016, 6, 23617.	3.3	31
99	Co-dispersal of the blood fluke Schistosoma japonicum and Homo sapiens in the Neolithic Age. Scientific Reports, 2016, 5, 18058.	3.3	24
100	Identification and characterization of microRNAs in the zoonotic fluke Fasciolopsis buski. Parasitology Research, 2016, 115, 2433-2438.	1.6	7
101	The phenotypic plasticity in Chinese populations ofDaphnia similoides sinensis: recurvate helmeted forms are associated with the presence of predators. Journal of Plankton Research, 2016, 38, 855-864.	1.8	14
102	Genetic variation between Schistosoma japonicum lineages from lake and mountainous regions in China revealed by resequencing whole genomes. Acta Tropica, 2016, 161, 79-85.	2.0	7
103	Temporal genetic diversity of Schistosoma japonicum in two endemic sites in China revealed by microsatellite markers. Parasites and Vectors, 2016, 9, 36.	2.5	4
104	Resveratrol-induced autophagy promotes survival and attenuates doxorubicin-induced cardiotoxicity. International Immunopharmacology, 2016, 32, 1-7.	3.8	61
105	Complete Mitochondrial Genome of a Tongue Worm Armillifer agkistrodontis. Korean Journal of Parasitology, 2016, 54, 813-817.	1.3	7
106	Genetic Structure of Daphnia galeata Populations in Eastern China. PLoS ONE, 2015, 10, e0120168.	2.5	9
107	Heat Shock Protein 60 in Eggs Specifically Induces Tregs and Reduces Liver Immunopathology in Mice with Schistosomiasis Japonica. PLoS ONE, 2015, 10, e0139133.	2.5	25
108	Resveratrol, a polyphenol phytoalexin, protects against doxorubicinâ€induced cardiotoxicity. Journal of Cellular and Molecular Medicine, 2015, 19, 2324-2328.	3.6	55

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109	An immunomics approach for the analysis of natural antibody responses to Plasmodium vivax infection. Molecular BioSystems, 2015, 11, 2354-2363.	2.9	25
110	In vivo and in vitro efficacies of mebendazole, mefloquine and nitazoxanide against cyst echinococcosis. Parasitology Research, 2015, 114, 2213-2222.	1.6	42
111	Geographical genetic structure of Schistosoma japonicum revealed by analysis of mitochondrial DNA and microsatellite markers. Parasites and Vectors, 2015, 8, 150.	2.5	13
112	Proteomic Analysis on Cercariae and Schistosomula in Reference to Potential Proteases Involved in Host Invasion of Schistosoma japonicum Larvae. Journal of Proteome Research, 2015, 14, 4623-4634.	3.7	25
113	Intake of Erythrocytes Required for Reproductive Development of Female Schistosoma japonicum. PLoS ONE, 2015, 10, e0126822.	2.5	11
114	High Genetic Variability of <I>Schistosoma haematobium</I> in Mali and Nigeria. Korean Journal of Parasitology, 2015, 53, 129-134.	1.3	9
115	Development of Ã¢â‚¬Å“-omicsÃ¢â‚¬Â•research in Schistosoma spp. and -omics-based new diagnostic tools for schistosomiasis. Frontiers in Microbiology, 2014, 5, 313.	3.5	11
116	Schistosoma japonicum Egg Specific Protein SjE16.7 Recruits Neutrophils and Induces Inflammatory Hepatic Granuloma Initiation. PLoS Neglected Tropical Diseases, 2014, 8, e2703.	3.0	23
117	An integrated immunoproteomics and bioinformatics approach for the analysis of Schistosoma japonicum tegument proteins. Journal of Proteomics, 2014, 98, 289-299.	2.4	25
118	Pioglitazone Improves Potassium Channel Remodeling Induced by Angiotensin II in Atrial Myocytes. Medical Science Monitor Basic Research, 2014, 20, 153-160.	2.6	15
119	Proteomic characterization of larval and adult developmental stages in Echinococcus granulosus reveals novel insight into hostâ€“parasite interactions. Journal of Proteomics, 2013, 84, 158-175.	2.4	90
120	Co-infections with Babesia microti and Plasmodium parasites along the China-Myanmar border. Infectious Diseases of Poverty, 2013, 2, 24.	3.7	61
121	Co-expression network with proteinâ€“protein interaction and transcription regulation in malaria parasite Plasmodium falciparum. Gene, 2013, 518, 7-16.	2.2	8
122	Self-Assembled Fabrication and Characterization of Vertically Aligned Binary CN Nanocone Arrays. Journal of Electronic Materials, 2010, 39, 381-390.	2.2	5
123	Characterization of carbon nitride deposition from CH4âˆ•N2 glow discharge plasma beams using optical emission spectroscopy. Physics of Plasmas, 2008, 15, 073502.	1.9	12
124	Growth of ZnSe nanowires by pulsed-laser deposition. Journal of Vacuum Science & Technology B, 2007, 25, 1823.	1.3	19
125	Growth of Nanocrystalline ZnSe:N Films by Pulsed Laser Deposition. Journal of Electronic Materials, 2007, 36, 75-80.	2.2	8