

Huan Zhang

List of Publications by Year in descending order

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42
papers

1,325
citations

430442

18
h-index

377514

34
g-index

45
all docs

45
docs citations

45
times ranked

2601
citing authors

#	ARTICLE	IF	CITATIONS
1	Modules, networks and systems medicine for understanding disease and aiding diagnosis. <i>Genome Medicine</i> , 2014, 6, 82.	3.6	169
2	Digital twins to personalize medicine. <i>Genome Medicine</i> , 2020, 12, 4.	3.6	158
3	Profiling of human CD4+ T-cell subsets identifies the TH2-specific noncoding RNA GATA3-AS1. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1005-1008.	1.5	73
4	DNA Methylation Changes Separate Allergic Patients from Healthy Controls and May Reflect Altered CD4+ T-Cell Population Structure. <i>PLoS Genetics</i> , 2014, 10, e1004059.	1.5	70
5	A validated single-cell-based strategy to identify diagnostic and therapeutic targets in complex diseases. <i>Genome Medicine</i> , 2019, 11, 47.	3.6	68
6	A validated gene regulatory network and GWAS identifies early regulators of T cell-associated diseases. <i>Science Translational Medicine</i> , 2015, 7, 313ra178.	5.8	66
7	Pattern of cerebral hyperperfusion in Alzheimer's disease and amnesic mild cognitive impairment using voxel-based analysis of 3D arterial spin-labeling imaging: initial experience. <i>Clinical Interventions in Aging</i> , 2014, 9, 493.	1.3	64
8	5-Hydroxymethylcytosine Remodeling Precedes Lineage Specification during Differentiation of Human CD4+ T Cells. <i>Cell Reports</i> , 2016, 16, 559-570.	2.9	56
9	A Generally Applicable Translational Strategy Identifies S100A4 as a Candidate Gene in Allergy. <i>Science Translational Medicine</i> , 2014, 6, 218ra4.	5.8	54
10	Evaluation of dual energy spectral CT in differentiating metastatic from non-metastatic lymph nodes in rectal cancer: Initial experience. <i>European Journal of Radiology</i> , 2015, 84, 228-234.	1.2	54
11	Mitophagy impairment is involved in sevoflurane-induced cognitive dysfunction in aged rats. <i>Aging</i> , 2020, 12, 17235-17256.	1.4	52
12	Two immune-enhanced molecular subtypes differ in inflammation, checkpoint signaling and outcome of advanced head and neck squamous cell carcinoma. <i>Oncotmunology</i> , 2018, 7, e1392427.	2.1	45
13	Dynamic Response Genes in CD4+ T Cells Reveal a Network of Interactive Proteins that Classifies Disease Activity in Multiple Sclerosis. <i>Cell Reports</i> , 2016, 16, 2928-2939.	2.9	38
14	Effects of In Utero Exposure to Di-n-Butyl Phthalate on Testicular Development in Rat. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1284.	1.2	37
15	Integrated genomic and prospective clinical studies show the importance of modular pleiotropy for disease susceptibility, diagnosis and treatment. <i>Genome Medicine</i> , 2014, 6, 17.	3.6	27
16	Multifunctional gap-enhanced Raman tags for preoperative and intraoperative cancer imaging. <i>Acta Biomaterialia</i> , 2020, 104, 210-220.	4.1	27
17	Efficacy of Humanized Anti-BCMA CAR T Cell Therapy in Relapsed/Refractory Multiple Myeloma Patients With and Without Extramedullary Disease. <i>Frontiers in Immunology</i> , 2021, 12, 720571.	2.2	25
18	Bulk and single cell transcriptomic data indicate that a dichotomy between inflammatory pathways in peripheral blood and arthritic joints complicates biomarker discovery. <i>Cytokine</i> , 2020, 127, 154960.	1.4	22

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19	Targeted omics and systems medicine: personalising care. <i>Lancet Respiratory Medicine</i> , 2014, 2, 785-787.	5.2	20
20	Translating genomic medicine to the clinic: challenges and opportunities. <i>Genome Medicine</i> , 2019, 11, 9.	3.6	18
21	MiR-301b-3p/3584-5p enhances low-dose mono-n-butyl phthalate (MBP)-induced proliferation by targeting Rasd1 in Sertoli cells. <i>Toxicology in Vitro</i> , 2018, 47, 79-88.	1.1	17
22	A dynamic single cell-based framework for digital twins to prioritize disease genes and drug targets. <i>Genome Medicine</i> , 2022, 14, 48.	3.6	16
23	Inland blue holes of The Bahamas - chemistry and biology in a unique aquatic environment. <i>Fundamental and Applied Limnology</i> , 2020, 194, 95-106.	0.4	12
24	Comprehensive Profiling of Peripheral Immune Cells and Subsets in Patients with Intermittent Allergic Rhinitis Compared to Healthy Controls and After Treatment with Glucocorticoids. <i>Inflammation</i> , 2013, 36, 821-829.	1.7	11
25	Grating-Based Phase-Contrast Imaging of Tumor Angiogenesis in Lung Metastases. <i>PLoS ONE</i> , 2015, 10, e0121438.	1.1	11
26	Roles of piRNAs in microcystin-leucine-arginine (MC-LR) induced reproductive toxicity in testis on male offspring. <i>Food and Chemical Toxicology</i> , 2017, 105, 177-185.	1.8	11
27	An algorithm-based meta-analysis of genome- and proteome-wide data identifies a combination of potential plasma biomarkers for colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 15575.	1.6	10
28	Diel vertical migration of copepods and its environmental drivers in subtropical Bahamian blue holes. <i>Aquatic Ecology</i> , 2021, 55, 1157-1169.	0.7	10
29	Meta-Analysis of Expression Profiling Data Indicates Need for Combinatorial Biomarkers in Pediatric Ulcerative Colitis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-11.	0.9	10
30	A combination of humanized anti-BCMA and murine anti-CD38 CAR-T cell therapy in patients with relapsed or refractory multiple myeloma. <i>Leukemia and Lymphoma</i> , 2022, , 1-10.	0.6	10
31	In vivo study of alginate hydrogel conglutinating cells to polycaprolactone vascular scaffolds fabricated by electrospinning. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2443-2454.	1.6	8
32	Fluid-Attenuated Inversion Recovery Vascular Hyperintensities in Transient Ischemic Attack within the Anterior Circulation. <i>BioMed Research International</i> , 2020, 2020, 1-6.	0.9	7
33	Low-latitude zooplankton pigmentation plasticity in response to multiple threats. <i>Royal Society Open Science</i> , 2019, 6, 190321.	1.1	6
34	Supraorbital Nerve Radiofrequency for Severe Neuralgia Caused by Herpes Zoster Ophthalmicus. <i>Pain Research and Management</i> , 2020, 2020, 1-7.	0.7	6
35	Variation in predation regime drives sex-specific differences in mosquitofish foraging behaviour. <i>Oikos</i> , 2021, 130, 790-797.	1.2	6
36	Predation risk and the evolution of a vertebrate stress response: Parallel evolution of stress reactivity and sexual dimorphism. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1554-1567.	0.8	6

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37	LASSIMâ€”A network inference toolbox for genome-wide mechanistic modeling. PLoS Computational Biology, 2017, 13, e1005608.	1.5	6
38	Evaluation of the safety and efficacy of humanized anti-CD19 chimeric antigen receptor T-cell therapy in older patients with relapsed/refractory diffuse large B-cell lymphoma based on the comprehensive geriatric assessment system. Leukemia and Lymphoma, 2021, , 1-9.	0.6	5
39	Potential Involvement of Type I Interferon Signaling in Immunotherapy in Seasonal Allergic Rhinitis. Journal of Immunology Research, 2016, 2016, 1-6.	0.9	4
40	GAB2 regulates type 2 T helper cell differentiation in humans. Cytokine, 2017, 96, 234-237.	1.4	3
41	Cost-sensitive feature selection in medical data analysis with trace ratio criterion. , 2014, , .		2
42	Biocompatible Nanoparticles as a Platform for Enhancing Antitumor Efficacy of Cisplatinâ€”Tetradrine Combination. Nanoscale Research Letters, 2021, 16, 61.	3.1	2