

Huan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,325
citations

430874

18
h-index

377865

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. | 8.2 | 169 |
| 2 | Digital twins to personalize medicine. <i>Genome Medicine</i> , 2020, 12, 4. | 8.2 | 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. | 2.9 | 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. | 3.5 | 70 |
| 5 | A validated single-cell-based strategy to identify diagnostic and therapeutic targets in complex diseases. <i>Genome Medicine</i> , 2019, 11, 47. | 8.2 | 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. | 12.4 | 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. | 2.9 | 64 |
| 8 | 5-Hydroxymethylcytosine Remodeling Precedes Lineage Specification during Differentiation of Human CD4+ T Cells. <i>Cell Reports</i> , 2016, 16, 559-570. | 6.4 | 56 |
| 9 | A Generally Applicable Translational Strategy Identifies S100A4 as a Candidate Gene in Allergy. <i>Science Translational Medicine</i> , 2014, 6, 218ra4. | 12.4 | 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. | 2.6 | 54 |
| 11 | Mitophagy impairment is involved in sevoflurane-induced cognitive dysfunction in aged rats. <i>Aging</i> , 2020, 12, 17235-17256. | 3.1 | 52 |
| 12 | Two immune-enhanced molecular subtypes differ in inflammation, checkpoint signaling and outcome of advanced head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2018, 7, e1392427. | 4.6 | 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. | 6.4 | 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. | 2.6 | 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. | 8.2 | 27 |
| 16 | Multifunctional gap-enhanced Raman tags for preoperative and intraoperative cancer imaging. <i>Acta Biomaterialia</i> , 2020, 104, 210-220. | 8.3 | 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. | 4.8 | 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. | 3.2 | 22 |

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|----|--|------|-----------|
| 19 | Targeted omics and systems medicine: personalising care. <i>Lancet Respiratory Medicine</i> , 2014, 2, 785-787. | 10.7 | 20 |
| 20 | Translating genomic medicine to the clinic: challenges and opportunities. <i>Genome Medicine</i> , 2019, 11, 9. | 8.2 | 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. | 2.4 | 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. | 8.2 | 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. | 0.7 | 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. | 3.8 | 11 |
| 25 | Grating-Based Phase-Contrast Imaging of Tumor Angiogenesis in Lung Metastases. <i>PLoS ONE</i> , 2015, 10, e0121438. | 2.5 | 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. | 3.6 | 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. | 3.3 | 10 |
| 28 | Diel vertical migration of copepods and its environmental drivers in subtropical Bahamian blue holes. <i>Aquatic Ecology</i> , 2021, 55, 1157-1169. | 1.5 | 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. | 2.2 | 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. | 1.3 | 10 |
| 31 | In vivo study of alginate hydrogel congruinating cells to polycaprolactone vascular scaffolds fabricated by electrospinning. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2443-2454. | 3.4 | 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. | 1.9 | 7 |
| 33 | Low-latitude zooplankton pigmentation plasticity in response to multiple threats. <i>Royal Society Open Science</i> , 2019, 6, 190321. | 2.4 | 6 |
| 34 | Supraorbital Nerve Radiofrequency for Severe Neuralgia Caused by Herpes Zoster Ophthalmicus. <i>Pain Research and Management</i> , 2020, 2020, 1-7. | 1.8 | 6 |
| 35 | Variation in predation regime drives sex-specific differences in mosquitofish foraging behaviour. <i>Oikos</i> , 2021, 130, 790-797. | 2.7 | 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. | 1.7 | 6 |

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|----|--|-----|-----------|
| 37 | LASSIMâ€”A network inference toolbox for genome-wide mechanistic modeling. PLoS Computational Biology, 2017, 13, e1005608. | 3.2 | 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. | 1.3 | 5 |
| 39 | Potential Involvement of Type I Interferon Signaling in Immunotherapy in Seasonal Allergic Rhinitis. Journal of Immunology Research, 2016, 2016, 1-6. | 2.2 | 4 |
| 40 | GAB2 regulates type 2 T helper cell differentiation in humans. Cytokine, 2017, 96, 234-237. | 3.2 | 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. | 5.7 | 2 |