

# Qianchuan He

## List of Publications by Year in descending order

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32  
papers

581  
citations

759233

12  
h-index

677142

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g-index

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all docs

32  
docs citations

32  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation for the bivariate quantile varying coefficient model with application to diffusion tensor imaging data analysis. <i>Biostatistics</i> , 2023, 24, 465-480.	1.5	4
2	Noncoding RNAs and Deep Learning Neural Network Discriminate Multi-Cancer Types. <i>Cancers</i> , 2022, 14, 352.	3.7	5
3	Statistical inference for high-dimensional pathway analysis with multiple responses. <i>Computational Statistics and Data Analysis</i> , 2022, 169, 107418.	1.2	0
4	Neoadjuvant Therapy Induces a Potent Immune Response to Sarcoma, Dominated by Myeloid and B Cells. <i>Clinical Cancer Research</i> , 2022, 28, 1701-1711.	7.0	17
5	TCR-L: an analysis tool for evaluating the association between the T-cell receptor repertoire and clinical phenotypes. <i>BMC Bioinformatics</i> , 2022, 23, 152.	2.6	2
6	Germline variation in the insulin-like growth factor pathway and risk of Barrett's esophagus and esophageal adenocarcinoma. <i>Carcinogenesis</i> , 2021, 42, 369-377.	2.8	11
7	A method for subtype analysis with somatic mutations. <i>Bioinformatics</i> , 2021, 37, 50-56.	4.1	6
8	Response to Li and Hopper. <i>American Journal of Human Genetics</i> , 2021, 108, 527-529.	6.2	5
9	Home Spirometry Telemonitoring for Early Detection of Bronchiolitis Obliterans Syndrome in Patients with Chronic Graft-versus-Host Disease. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 616.e1-616.e6.	1.2	20
10	Random effect based tests for multinomial logistic regression in genetic association studies. <i>Genetic Epidemiology</i> , 2021, 45, 736-740.	1.3	3
11	Azithromycin Use and Increased Cancer Risk among Patients with Bronchiolitis Obliterans after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 392-400.	2.0	23
12	Early Post-Transplantation Spirometry Is Associated with the Development of Bronchiolitis Obliterans Syndrome after Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 943-948.	2.0	19
13	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. <i>American Journal of Human Genetics</i> , 2020, 107, 432-444.	6.2	124
14	A general framework for functionally informed set-based analysis: Application to a large-scale colorectal cancer study. <i>PLoS Genetics</i> , 2020, 16, e1008947.	3.5	6
15	In-silico analysis of ligand-receptor binding patterns of $\hat{\mu}$ -MMC, TCS and MAP30 protein to LRP1 receptor. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 98, 107619.	2.4	5
16	Statistical inference of genetic pathway analysis in high dimensions. <i>Biometrika</i> , 2019, 106, 651-651.	2.4	2
17	Systemic Interferon- $\hat{\mu}$ 3 Increases MHC Class I Expression and T-cell Infiltration in Cold Tumors: Results of a Phase 0 Clinical Trial. <i>Cancer Immunology Research</i> , 2019, 7, 1237-1243.	3.4	82
18	Alpha-momorcharin regulates cytokine expression and induces apoptosis in monocytes. <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 258-266.	2.4	9

#	ARTICLE	IF	CITATIONS
19	LRP1 receptor-mediated immunosuppression of $\hat{I}\pm$ -MMC on monocytes. International Immunopharmacology, 2019, 70, 80-87.	3.8	18
20	Statistical analysis of non-coding RNA data. Cancer Letters, 2018, 417, 161-167.	7.2	18
21	Multivariate Association Analysis with Somatic Mutation Data. Biometrics, 2018, 74, 176-184.	1.4	2
22	Association analysis using somatic mutations. PLoS Genetics, 2018, 14, e1007746.	3.5	8
23	Germline variation in inflammation-related pathways and risk of Barrett's oesophagus and oesophageal adenocarcinoma. Gut, 2017, 66, 1739-1747.	12.1	38
24	Prioritizing individual genetic variants after kernel machine testing using variable selection. Genetic Epidemiology, 2016, 40, 722-731.	1.3	15
25	Cytotoxicity mechanism of $\hat{I}\pm$ -MMC in normal liver cells through LRP1 mediated endocytosis and JNK activation. Toxicology, 2016, 357-358, 33-43.	4.2	23
26	Regularized quantile regression under heterogeneous sparsity with application to quantitative genetic traits. Computational Statistics and Data Analysis, 2016, 95, 222-239.	1.2	22
27	Sparse meta-analysis with high-dimensional data. Biostatistics, 2016, 17, 205-220.	1.5	13
28	Systematically dissecting the global mechanism of miRNA functions in mouse pluripotent stem cells. BMC Genomics, 2015, 16, 490.	2.8	4
29	Alpha-momorcharin ( $\hat{I}\pm$ -MMC) exerts effective anti-human breast tumor activities but has a narrow therapeutic window in vivo. $\hat{I}\pm$ -MMC, 2015, 100, 139-149.	2.2	25
30	A Web-Server of Cell Type Discrimination System. Scientific World Journal, The, 2014, 2014, 1-5.	2.1	2
31	A General Framework for Association Tests With Multivariate Traits in Large-scale Genomics Studies. Genetic Epidemiology, 2013, 37, 759-767.	1.3	40
32	A Quantitative System for Discriminating Induced Pluripotent Stem Cells, Embryonic Stem Cells and Somatic Cells. PLoS ONE, 2013, 8, e56095.	2.5	10