

# Ting Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

1,025  
citations

13  
h-index

32  
g-index

39  
ext. papers

1,497  
ext. citations

9.4  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
30	Off-Policy Training for Truncated TD( $\lambda$ ) Boosted Soft Actor-Critic. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 46-59	0.9	
29	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 509-521	19	25
28	Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 533-545	19	16
27	Qualitative diagnostic signature for pancreatic ductal adenocarcinoma based on the within-sample relative expression orderings. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2021</b> , 36, 1714-1720	4	2
26	A qualitative transcriptional signature of recurrence risk for stages II-III gastric cancer patients after surgical resection. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2021</b> , 36, 2501-2512	4	0
25	redPATH: Reconstructing the Pseudo Development Time of Cell Lineages in Single-cell RNA-seq Data and Applications in Cancer. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2021</b> , 19, 292-305	6.5	0
24	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. <i>Cell</i> , <b>2020</b> , 181, 1423-1433.e11	56.2	314
23	Causes of vision loss at China's largest blind school during a period of significant economic growth: 2008-2016. <i>Journal of AAPOS</i> , <b>2020</b> , 24, 153.e1-153.e5	1.3	0
22	The method and effect of rapid establishment of a mild cognitive impairment model. <i>Annals of Palliative Medicine</i> , <b>2020</b> , 9, 4119-4126	1.7	0
21	Anterior Segment Eye Lesion Segmentation with Advanced Fusion Strategies and Auxiliary Tasks. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 656-664	0.9	2
20	Ambient fine particulate matter and hospital admissions for ischemic and hemorrhagic strokes and transient ischemic attack in 248 Chinese cities. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136896	10.2	19
19	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003188	11.6	31
18	Hyperbaric oxygen therapy cognitive function in a rat model of mild cognitive impairment via ERK signaling. <i>Annals of Palliative Medicine</i> , <b>2020</b> , 9, 3472-3480	1.7	1
17	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study <b>2020</b> , 17, e1003188		
16	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study <b>2020</b> , 17, e1003188		
15	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study <b>2020</b> , 17, e1003188		
14	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study <b>2020</b> , 17, e1003188		

13	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study <b>2020</b> , 17, e1003188		
12	Glial Plasticity in the Trigeminal Root Entry Zone of a Rat Trigeminal Neuralgia Animal Model. <i>Neurochemical Research</i> , <b>2019</b> , 44, 1893-1902	4.6	8
11	Identifying Sequences for Microbial Communities Using Long -mer Sequence Signatures. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 872	5.7	7
10	Inference of Environmental Factor-Microbe and Microbe-Microbe Associations from Metagenomic Data Using a Hierarchical Bayesian Statistical Model. <i>Cell Systems</i> , <b>2017</b> , 4, 129-137.e5	10.6	26
9	Reconstructing cell cycle pseudo time-series via single-cell transcriptome data. <i>Nature Communications</i> , <b>2017</b> , 8, 22	17.4	67
8	COCACOLA: binning metagenomic contigs using sequence COmposition, read CoverAge, CO-alignment and paired-end read LinkAge. <i>Bioinformatics</i> , <b>2017</b> , 33, 791-798	7.2	70
7	Glycyrrhetic acid alleviates radiation-induced lung injury in mice. <i>Journal of Radiation Research</i> , <b>2017</b> , 58, 41-47	2.4	10
6	WALT: fast and accurate read mapping for bisulfite sequencing. <i>Bioinformatics</i> , <b>2016</b> , 32, 3507-3509	7.2	33
5	Global optimization-based inference of chemogenomic features from drug-target interactions. <i>Bioinformatics</i> , <b>2015</b> , 31, 2523-9	7.2	15
4	Comparison of metatranscriptomic samples based on k-tuple frequencies. <i>PLoS ONE</i> , <b>2014</b> , 9, e84348	3.7	16
3	Genome-wide distribution of ORC and MCM proteins in <i>S. cerevisiae</i> : high-resolution mapping of replication origins. <i>Science</i> , <b>2001</b> , 294, 2357-60	33.3	342
2	Prediction of protein function using protein-protein interaction data		17
1	redPATH: Reconstructing the Pseudo Development Time of Cell Lineages in Single-Cell RNA-Seq Data and Applications in Cancer		1