

Tian Tian

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

28
papers

1,197
citations

13
h-index

32
g-index

32
ext. papers

1,784
ext. citations

13.2
avg, IF

4.05
L-index

#	Paper	IF	Citations
28	CCDC50 suppresses NLRP3 inflammasome activity by mediating autophagic degradation of NLRP3.. <i>EMBO Reports</i> , 2022 , e54453	6.5	2
27	IRX5 promotes adipogenesis of hMSCs by repressing glycolysis.. <i>Cell Death Discovery</i> , 2022 , 8, 204	6.9	
26	Pathway signatures derived from on-treatment tumor specimens predict response to anti-PD1 blockade in metastatic melanoma. <i>Nature Communications</i> , 2021 , 12, 6023	17.4	1
25	Model-based autoencoders for imputing discrete single-cell RNA-seq data. <i>Methods</i> , 2021 , 192, 112-119	4.6	0
24	Model-based deep embedding for constrained clustering analysis of single cell RNA-seq data. <i>Nature Communications</i> , 2021 , 12, 1873	17.4	7
23	An unconventional role of an ASB family protein in NF- κ B activation and inflammatory response during microbial infection and colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
22	Autophagy receptor CCDC50 tunes the STING-mediated interferon response in viral infections and autoimmune diseases. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2358-2371	15.4	5
21	Prognostic correlations with the microbiome of breast cancer subtypes. <i>Cell Death and Disease</i> , 2021 , 12, 831	9.8	5
20	Elucidation of DNA methylation on N6-adenine with deep learning. <i>Nature Machine Intelligence</i> , 2020 , 2, 466-475	22.5	4
19	Epstein-Barr Virus Facilitates Expression of KLF14 by Regulating the Cooperative Binding of the E2F-Rb-HDAC Complex in Latent Infection. <i>Journal of Virology</i> , 2020 , 94,	6.6	2
18	Genome-wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. <i>Molecular Systems Biology</i> , 2019 , 15, e8323	12.2	11
17	Clustering single-cell RNA-seq data with a model-based deep learning approach. <i>Nature Machine Intelligence</i> , 2019 , 1, 191-198	22.5	62
16	Microbiome signatures in prostate cancer. <i>Carcinogenesis</i> , 2019 , 40, 749-764	4.6	37
15	A Fatty Acid Oxidation-dependent Metabolic Shift Regulates the Adaptation of -mutated Melanoma to MAPK Inhibitors. <i>Clinical Cancer Research</i> , 2019 , 25, 6852-6867	12.9	33
14	Induction of Telomere Dysfunction Prolongs Disease Control of Therapy-Resistant Melanoma. <i>Clinical Cancer Research</i> , 2018 , 24, 4771-4784	12.9	21
13	Tumor innate immunity primed by specific interferon-stimulated endogenous retroviruses. <i>Nature Medicine</i> , 2018 , 24, 1143-1150	50.5	131
12	Distinct Microbial Signatures Associated With Different Breast Cancer Types. <i>Frontiers in Microbiology</i> , 2018 , 9, 951	5.7	78

11	Robust prediction of response to immune checkpoint blockade therapy in metastatic melanoma. <i>Nature Medicine</i> , 2018 , 24, 1545-1549	50.5	230
10	The Long Noncoding RNA Landscape in Amygdala Tissues from Schizophrenia Patients. <i>EBioMedicine</i> , 2018 , 34, 171-181	8.8	18
9	Profiling of PD-1 Blockade Using Organotypic Tumor Spheroids. <i>Cancer Discovery</i> , 2018 , 8, 196-215	24.4	228
8	Tissue-Specific Differential Expression of Novel Genes and Long Intergenic Noncoding RNAs in Humans With Extreme Response to Evoked Endotoxemia. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001907	5.2	4
7	A Comprehensive Survey of Immune Cytolytic Activity-Associated Gene Co-Expression Networks across 17 Tumor and Normal Tissue Types. <i>Cancers</i> , 2018 , 10,	6.6	4
6	Oncogenic RAS Regulates Long Noncoding RNA in Human Cancer. <i>Cancer Research</i> , 2017 , 77, 3745-3757	10.1	25
5	Microbial Signatures Associated with Oropharyngeal and Oral Squamous Cell Carcinomas. <i>Scientific Reports</i> , 2017 , 7, 4036	4.9	33
4	The ovarian cancer oncobiome. <i>Oncotarget</i> , 2017 , 8, 36225-36245	3.3	69
3	Targeting mitochondrial biogenesis to overcome drug resistance to MAPK inhibitors. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1834-56	15.9	167
2	Google Knows Who is Famous Today -- Building an Ontology from Search Engine Knowledge and DBpedia 2011 ,		5
1	The regulation of NLRP3 inflammasome activation by CCDC50-mediated autophagy. <i>Autophagy</i> , 1-2	10.2	0