

Yiping Fan

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

4,493
citations

159525

30
h-index

118793

62
g-index

80
all docs

80
docs citations

80
times ranked

8709
citing authors

#	ARTICLE	IF	CITATIONS
1	TOX reinforces the phenotype and longevity of exhausted T cells in chronic viral infection. <i>Nature</i> , 2019, 571, 265-269.	13.7	581
2	De Novo Epigenetic Programs Inhibit PD-1 Blockade-Mediated T Cell Rejuvenation. <i>Cell</i> , 2017, 170, 142-157.e19.	13.5	536
3	Effector CD8 T cells dedifferentiate into long-lived memory cells. <i>Nature</i> , 2017, 552, 404-409.	13.7	378
4	Association of an Inherited Genetic Variant With Vincristine-Related Peripheral Neuropathy in Children With Acute Lymphoblastic Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 815.	3.8	234
5	Histone H3.3 K27M Accelerates Spontaneous Brainstem Glioma and Drives Restricted Changes in Bivalent Gene Expression. <i>Cancer Cell</i> , 2019, 35, 140-155.e7.	7.7	194
6	Developmental plasticity allows outside-in immune responses by resident memory T cells. <i>Nature Immunology</i> , 2020, 21, 412-421.	7.0	191
7	Metabolic heterogeneity underlies reciprocal fates of TH17 cell stemness and plasticity. <i>Nature</i> , 2019, 565, 101-105.	13.7	141
8	NALP3 inflammasome upregulation and CASP1 cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. <i>Nature Genetics</i> , 2015, 47, 607-614.	9.4	126
9	Human memory CD8 T cell effector potential is epigenetically preserved during in vivo homeostasis. <i>Journal of Experimental Medicine</i> , 2017, 214, 1593-1606.	4.2	123
10	Deleting DNMT3A in CAR T cells prevents exhaustion and enhances antitumor activity. <i>Science Translational Medicine</i> , 2021, 13, eabh0272.	5.8	123
11	Identification of Therapeutic Targets in Rhabdomyosarcoma through Integrated Genomic, Epigenomic, and Proteomic Analyses. <i>Cancer Cell</i> , 2018, 34, 411-426.e19.	7.7	106
12	MEK inhibition reprograms CD8+ T lymphocytes into memory stem cells with potent antitumor effects. <i>Nature Immunology</i> , 2021, 22, 53-66.	7.0	95
13	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. <i>Blood Cancer Discovery</i> , 2020, 1, 96-111.	2.6	93
14	Quantification of Retinogenesis in 3D Cultures Reveals Epigenetic Memory and Higher Efficiency in iPSCs Derived from Rod Photoreceptors. <i>Cell Stem Cell</i> , 2015, 17, 101-115.	5.2	88
15	H3.3 K27M depletion increases differentiation and extends latency of diffuse intrinsic pontine glioma growth in vivo. <i>Acta Neuropathologica</i> , 2019, 137, 637-655.	3.9	85
16	The Hippo Pathway Prevents YAP/TAZ-Driven Hypertranscription and Controls Neural Progenitor Number. <i>Developmental Cell</i> , 2018, 47, 576-591.e8.	3.1	80
17	Outcome of children with hypodiploid ALL treated with risk-directed therapy based on MRD levels. <i>Blood</i> , 2015, 126, 2896-2899.	0.6	76
18	Relapse-Fated Latent Diagnosis Subclones in Acute B Lineage Leukemia Are Drug Tolerant and Possess Distinct Metabolic Programs. <i>Cancer Discovery</i> , 2020, 10, 568-587.	7.7	72

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19	MYCN amplification and ATRX mutations are incompatible in neuroblastoma. <i>Nature Communications</i> , 2020, 11, 913.	5.8	66
20	Beta cell-specific CD8+ T cells maintain stem cell memory-associated epigenetic programs during type 1 diabetes. <i>Nature Immunology</i> , 2020, 21, 578-587.	7.0	63
21	Inactivation of Ezh2 Upregulates Gfi1 and Drives Aggressive Myc-Driven Group 3 Medulloblastoma. <i>Cell Reports</i> , 2017, 18, 2907-2917.	2.9	61
22	A Key Role for the Ubiquitin Ligase UBR4 in Myofiber Hypertrophy in Drosophila and Mice. <i>Cell Reports</i> , 2019, 28, 1268-1281.e6.	2.9	56
23	A six-gene leukemic stem cell score identifies high risk pediatric acute myeloid leukemia. <i>Leukemia</i> , 2020, 34, 735-745.	3.3	56
24	CD19-CAR T cells undergo exhaustion DNA methylation programming in patients with acute lymphoblastic leukemia. <i>Cell Reports</i> , 2021, 37, 110079.	2.9	48
25	A distal Foxp3 enhancer enables interleukin-2 dependent thymic Treg cell lineage commitment for robust immune tolerance. <i>Immunity</i> , 2021, 54, 931-946.e11.	6.6	46
26	Proteasome stress in skeletal muscle mounts a long-range protective response that delays retinal and brain aging. <i>Cell Metabolism</i> , 2021, 33, 1137-1154.e9.	7.2	45
27	Binding of estrogen receptors to switch sites and regulatory elements in the immunoglobulin heavy chain locus of activated B cells suggests a direct influence of estrogen on antibody expression. <i>Molecular Immunology</i> , 2016, 77, 97-102.	1.0	42
28	Evaluation of artemisinins for the treatment of acute myeloid leukemia. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 1231-1243.	1.1	41
29	The glucose-sensing transcription factor MLX promotes myogenesis via myokine signaling. <i>Genes and Development</i> , 2015, 29, 2475-2489.	2.7	38
30	Telomerase Expression by Aberrant Methylation of the TERT Promoter in Melanoma Arising in Giant Congenital Nevi. <i>Journal of Investigative Dermatology</i> , 2016, 136, 339-342.	0.3	36
31	Differentiation of human pluripotent stem cells into neurons or cortical organoids requires transcriptional co-regulation by UTX and 53BP1. <i>Nature Neuroscience</i> , 2019, 22, 362-373.	7.1	33
32	Integrated genomic and proteomic analyses identify stimulus-dependent molecular changes associated with distinct modes of skeletal muscle atrophy. <i>Cell Reports</i> , 2021, 37, 109971.	2.9	32
33	Targeting the spliceosome through RBM39 degradation results in exceptional responses in high-risk neuroblastoma models. <i>Science Advances</i> , 2021, 7, eabj5405.	4.7	32
34	c-Fos Repression by Piwi Regulates Drosophila Ovarian Germline Formation and Tissue Morphogenesis. <i>PLoS Genetics</i> , 2016, 12, e1006281.	1.5	31
35	Ybx1 fine-tunes PRC2 activities to control embryonic brain development. <i>Nature Communications</i> , 2020, 11, 4060.	5.8	29
36	Acute depletion of CTCF rewires genome-wide chromatin accessibility. <i>Genome Biology</i> , 2021, 22, 244.	3.8	29

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37	Regnase-1 suppresses TCF-1+ precursor exhausted T-cell formation to limit CAR ^T -cell responses against ALL. <i>Blood</i> , 2021, 138, 122-135.	0.6	28
38	KDM5A Regulates a Translational Program that Controls p53 Protein Expression. <i>IScience</i> , 2018, 9, 84-100.	1.9	25
39	ChIPseqSpikelnFree: a ChIP-seq normalization approach to reveal global changes in histone modifications without spike-in. <i>Bioinformatics</i> , 2020, 36, 1270-1272.	1.8	25
40	The <i>CYP2C19</i> Intron 2 Branch Point SNP is the Ancestral Polymorphism Contributing to the Poor Metabolizer Phenotype in Livers with <i>CYP2C19*35</i> and <i>CYP2C19*2</i> Alleles. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1226-1235.	1.7	23
41	Hotspots for Vitamin ^D -Steroid ^D Thyroid Hormone Response Elements Within Switch Regions of Immunoglobulin Heavy Chain Loci Predict a Direct Influence of Vitamins and Hormones on B Cell Class Switch Recombination. <i>Viral Immunology</i> , 2016, 29, 132-136.	0.6	23
42	The histone deacetylase complex MiDAC regulates a neurodevelopmental gene expression program to control neurite outgrowth. <i>ELife</i> , 2020, 9, .	2.8	23
43	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. <i>Blood</i> , 2021, 137, 155-167.	0.6	22
44	Circadian gene variants and the skeletal muscle circadian clock contribute to the evolutionary divergence in longevity across <i>Drosophila</i> populations. <i>Genome Research</i> , 2019, 29, 1262-1276.	2.4	20
45	Tissue-specific alteration of gene expression and function by RU486 and the GeneSwitch system. <i>Npj Aging and Mechanisms of Disease</i> , 2019, 5, 6.	4.5	20
46	Targeting KDM4 for treating PAX3-FOXO1 ^D -driven alveolar rhabdomyosarcoma. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	16
47	Muscle-derived Dpp regulates feeding initiation via endocrine modulation of brain dopamine biosynthesis. <i>Genes and Development</i> , 2020, 34, 37-52.	2.7	15
48	Acute lymphoblastic leukemia displays a distinct highly methylated genome. <i>Nature Cancer</i> , 2022, 3, 768-782.	5.7	15
49	The myokine Fibcd1 is an endogenous determinant of myofiber size and mitigates cancer-induced myofiber atrophy. <i>Nature Communications</i> , 2022, 13, 2370.	5.8	14
50	Survival analysis of infected mice reveals pathogenic variations in the genome of avian H1N1 viruses. <i>Scientific Reports</i> , 2014, 4, 7455.	1.6	13
51	Control of Foxp3 induction and maintenance by sequential histone acetylation and DNA demethylation. <i>Cell Reports</i> , 2021, 37, 110124.	2.9	13
52	Identification of small molecules that mitigate vincristine ^D -induced neurotoxicity while sensitizing leukemia cells to vincristine. <i>Clinical and Translational Science</i> , 2021, 14, 1490-1504.	1.5	12
53	An age-downregulated ribosomal RpS28 protein variant regulates the muscle proteome. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	11
54	YAP/TAZ maintain the proliferative capacity and structural organization of radial glial cells during brain development. <i>Developmental Biology</i> , 2021, 480, 39-49.	0.9	9

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55	Genomic profiling identifies genes and pathways dysregulated by <i>HEY1</i> – <i>NCOA2</i> fusion and shines a light on mesenchymal chondrosarcoma tumorigenesis. <i>Journal of Pathology</i> , 2022, 257, 579-592.	2.1	7
56	Genome-Wide Association Analyses Identify Susceptibility Loci For Vincristine-Induced Peripheral Neuropathy In Children With Acute Lymphoblastic Leukemia. <i>Blood</i> , 2013, 122, 618-618.	0.6	6
57	UTX/KDM6A suppresses AP-1 and a gliogenesis program during neural differentiation of human pluripotent stem cells. <i>Epigenetics and Chromatin</i> , 2020, 13, 38.	1.8	5
58	Foxp3 enhancers synergize to maximize regulatory T cell suppressive capacity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	5
59	A Genome-Wide Analysis of Variants Influencing Methotrexate Clearance Replicates <i>SLCO1B1</i> . <i>Blood</i> , 2012, 120, 2466-2466.	0.6	5
60	The Genomic Landscape of Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , 2019, 134, 649-649.	0.6	5
61	Antigen cross-presentation in young tumor-bearing hosts promotes CD8 ⁺ T cell terminal differentiation. <i>Science Immunology</i> , 2022, 7, eabf6136.	5.6	5
62	<i>Msh2</i> deficiency leads to dysmyelination of the corpus callosum, impaired locomotion and altered sensory function in mice. <i>Scientific Reports</i> , 2016, 6, 30757.	1.6	3
63	A genetic mouse model with postnatal <i>Nf1</i> and <i>p53</i> loss recapitulates the histology and transcriptome of human malignant peripheral nerve sheath tumor. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab129.	0.4	3
64	Engineering Naturally Occurring CD7 Negative Cells for the Immunotherapy of CD7 Positive Leukemia. <i>Blood</i> , 2019, 134, 868-868.	0.6	1
65	Mapping the Glucocorticoid Gene Regulatory Network and Alterations That Contribute to Steroid Resistance in Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , 2021, 138, 674-674.	0.6	1
66	Unifying heterogeneous expression data to predict targets for CAR-T cell therapy. <i>Onc Immunology</i> , 2021, 10, 2000109.	2.1	1
67	Abstract 2093: Alternative splicing in hematopoietic stem cells is affected by the loss of DNMT3A. , 2021, , .		0
68	<i>SLCO1B1</i> Variation and Methotrexate Disposition in Children with Acute Lymphoblastic Leukemia: The Importance of Rare Variants in Pharmacogenetics. <i>Blood</i> , 2011, 118, 571-571.	0.6	0
69	Genome-Wide Association Study Identifies Germline Polymorphisms Associated with Relapse of Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , 2012, 120, 878-878.	0.6	0
70	Molecular mechanisms for telomere maintenance in neuroblastoma.. <i>Journal of Clinical Oncology</i> , 2015, 33, 10041-10041.	0.8	0
71	Processing Millions of Single Cells by SHARP. , 2020, , .		0
72	CD19-CAR T Cells Develop Exhaustion Epigenetic Programs during a Clinical Response. <i>Blood</i> , 2021, 138, 2782-2782.	0.6	0

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73	Special Issue on Bioinformatics and Machine Learning for Cancer Biology. <i>Biology</i> , 2022, 11, 361.	1.3	0