

Bing Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5895646/publications.pdf>

Version: 2024-02-01

98
papers

6,438
citations

126708

33
h-index

71532

76
g-index

110
all docs

110
docs citations

110
times ranked

9181
citing authors

#	ARTICLE	IF	CITATIONS
1	Induced Membrane Technique for the Treatment of Infected Forearm Nonunion: A Retrospective Study. <i>Journal of Hand Surgery</i> , 2022, 47, 583.e1-583.e9.	0.7	5
2	Heterogeneity in endothelial cells and widespread venous arterialization during early vascular development in mammals. <i>Cell Research</i> , 2022, 32, 333-348.	5.7	30
3	Treatment for transverse patella fractures with minimally invasive techniques (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 192.	0.8	3
4	Single-cell architecture and functional requirement of alternative splicing during hematopoietic stem cell formation. <i>Science Advances</i> , 2022, 8, eabg5369.	4.7	12
5	Pre-configuring chromatin architecture with histone modifications guides hematopoietic stem cell formation in mouse embryos. <i>Nature Communications</i> , 2022, 13, 346.	5.8	11
6	Bibliometric Analysis of $\hat{\text{T}}$ T Cells as Immune Regulators in Cancer Prognosis. <i>Frontiers in Immunology</i> , 2022, 13, 874640.	2.2	6
7	Restored CD8+PD-1+ T Cells Facilitate the Response to Anti-PD-1 for Patients With Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 837560.	1.3	2
8	Mitochondria-Targeting Polymer Micelle of Dichloroacetate Induced Pyroptosis to Enhance Osteosarcoma Immunotherapy. <i>ACS Nano</i> , 2022, 16, 10327-10340.	7.3	51
9	Decoding lymphomyeloid divergence and immune hyporesponsiveness in G-CSF-primed human bone marrow by single-cell RNA-seq. <i>Cell Discovery</i> , 2022, 8, .	3.1	5
10	Single-cell transcriptomic analysis identifies an immune-prone population in erythroid precursors during human ontogenesis. <i>Nature Immunology</i> , 2022, 23, 1109-1120.	7.0	30
11	Dissecting transcriptional heterogeneity in primary gastric adenocarcinoma by single cell RNA sequencing. <i>Gut</i> , 2021, 70, 464-475.	6.1	155
12	Decoding Human Megakaryocyte Development. <i>Cell Stem Cell</i> , 2021, 28, 535-549.e8.	5.2	79
13	Dissecting human embryonic skeletal stem cell ontogeny by single-cell transcriptomic and functional analyses. <i>Cell Research</i> , 2021, 31, 742-757.	5.7	49
14	T Cell Development: Old Tales Retold By Single-Cell RNA Sequencing. <i>Trends in Immunology</i> , 2021, 42, 165-175.	2.9	24
15	Single-cell transcriptomic profiling of non-hematopoietic circulating cells in mid-gestational mouse embryos. <i>Journal of Genetics and Genomics</i> , 2021, 48, 508-511.	1.7	0
16	Integrative transcriptomic analysis of developing hematopoietic stem cells in human and mouse at single-cell resolution. <i>Biochemical and Biophysical Research Communications</i> , 2021, 558, 161-167.	1.0	4
17	Transcriptomic landscape of circulating mononuclear phagocytes in Langerhans cell histiocytosis at the single-cell level. <i>Blood</i> , 2021, 138, 1237-1248.	0.6	13
18	Adult-repopulating lymphoid potential of yolk sac blood vessels is not confined to arterial endothelial cells. <i>Science China Life Sciences</i> , 2021, 64, 2073-2087.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Delineating spatiotemporal and hierarchical development of human fetal innate lymphoid cells. <i>Cell Research</i> , 2021, 31, 1106-1122.	5.7	25
20	Crosslink: An R Package for Network Visualization of Grouped Nodes. <i>Frontiers in Genetics</i> , 2021, 12, 706854.	1.1	2
21	Spatiotemporal and Functional Heterogeneity of Hematopoietic Stem Cell-Competent Hemogenic Endothelial Cells in Mouse Embryos. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699263.	1.8	6
22	Single-cell transcriptome analysis reveals the dynamics of human immune cells during early fetal skin development. <i>Cell Reports</i> , 2021, 36, 109524.	2.9	16
23	Single-Cell RNA-Seq of T Cells in B-ALL Patients Reveals an Exhausted Subset with Remarkable Heterogeneity. <i>Advanced Science</i> , 2021, 8, e2101447.	5.6	24
24	Spatially defined single-cell transcriptional profiling characterizes diverse chondrocyte subtypes and nucleus pulposus progenitors in human intervertebral discs. <i>Bone Research</i> , 2021, 9, 37.	5.4	65
25	The comprehensive DNA methylation landscape of hematopoietic stem cell development. <i>Cell Discovery</i> , 2021, 7, 86.	3.1	6
26	Hlf Expression Marks Early Emergence of Hematopoietic Stem Cell Precursors With Adult Repopulating Potential and Fate. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 728057.	1.8	6
27	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	98
28	Cell Differentiation Trajectory-Associated Molecular Classification of Osteosarcoma. <i>Genes</i> , 2021, 12, 1685.	1.0	6
29	Guiding T lymphopoiesis from pluripotent stem cells by defined transcription factors. <i>Cell Research</i> , 2020, 30, 21-33.	5.7	39
30	Differentiation among Glioblastomas, Primary Cerebral Lymphomas, and Solitary Brain Metastases Using Diffusion-Weighted Imaging and Diffusion Tensor Imaging: A PRISMA-Compliant Meta-analysis. <i>ACS Chemical Neuroscience</i> , 2020, 11, 477-483.	1.7	15
31	Characterization and generation of human definitive multipotent hematopoietic stem/progenitor cells. <i>Cell Discovery</i> , 2020, 6, 89.	3.1	21
32	Differentiation of transplanted haematopoietic stem cells tracked by single-cell transcriptomic analysis. <i>Nature Cell Biology</i> , 2020, 22, 630-639.	4.6	65
33	Deciphering human macrophage development at single-cell resolution. <i>Nature</i> , 2020, 582, 571-576.	13.7	279
34	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. <i>Immunity</i> , 2020, 53, 303-318.e5.	6.6	153
35	Genetic polymorphisms and multiple myeloma risk: a meta-analysis. <i>Annals of Hematology</i> , 2020, 99, 1017-1024.	0.8	3
36	Embryonic endothelial evolution towards first hematopoietic stem cells revealed by single-cell transcriptomic and functional analyses. <i>Cell Research</i> , 2020, 30, 376-392.	5.7	89

#	ARTICLE	IF	CITATIONS
37	Statin use and the risk of multiple myeloma: a PRISMA-compliant meta-analysis. <i>Annals of Hematology</i> , 2020, 99, 1805-1812.	0.8	4
38	Effect of autologous hematopoietic stem cell transplantation on multiple sclerosis and neuromyelitis optica spectrum disorder: a PRISMA-compliant meta-analysis. <i>Bone Marrow Transplantation</i> , 2020, 55, 1928-1934.	1.3	30
39	Oxidative stress-induced RAC autophagy can improve the HUVEC functions by releasing exosomes. <i>Journal of Cellular Physiology</i> , 2020, 235, 7392-7409.	2.0	29
40	Meningeal lymphatic vessels regulate brain tumor drainage and immunity. <i>Cell Research</i> , 2020, 30, 229-243.	5.7	209
41	Chimeric antigen receptor T (CAR-T) cells expanded with IL-7/IL-15 mediate superior antitumor effects. <i>Protein and Cell</i> , 2019, 10, 764-769.	4.8	73
42	Single-Cell RNA Sequencing Resolves Spatiotemporal Development of Pre-thymic Lymphoid Progenitors and Thymus Organogenesis in Human Embryos. <i>Immunity</i> , 2019, 51, 930-948.e6.	6.6	97
43	Tracing the first hematopoietic stem cell generation in human embryo by single-cell RNA sequencing. <i>Cell Research</i> , 2019, 29, 881-894.	5.7	136
44	Association between Parkinson's Disease and Risk of Cancer: A PRISMA-compliant Meta-analysis. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4430-4439.	1.7	23
45	A role for macrophages in hematopoiesis in the embryonic head. <i>Blood</i> , 2019, 134, 1929-1940.	0.6	5
46	When blood development meets single-cell transcriptomics. <i>Blood Science</i> , 2019, 1, 65-68.	0.4	2
47	Embryonic lineage tracing with Procr-CreER marks balanced hematopoietic stem cell fate during entire mouse lifespan. <i>Journal of Genetics and Genomics</i> , 2019, 46, 489-498.	1.7	6
48	Systematic review and cumulative analysis of the managements for proximal impacted ureteral stones. <i>World Journal of Urology</i> , 2019, 37, 1687-1701.	1.2	23
49	Sustained release of GDF5 from a designed coacervate attenuates disc degeneration in a rat model. <i>Acta Biomaterialia</i> , 2019, 86, 300-311.	4.1	42
50	Combined Single-Cell Profiling of lncRNAs and Functional Screening Reveals that H19 Is Pivotal for Embryonic Hematopoietic Stem Cell Development. <i>Cell Stem Cell</i> , 2019, 24, 285-298.e5.	5.2	96
51	Fracture behaviors of maxillary central incisors with flared root canals restored with CAD/CAM integrated glass fiber post-and-core. <i>Dental Materials Journal</i> , 2019, 38, 114-119.	0.8	26
52	Improving the Surgical Effect for Primary Liver Cancer with Intraoperative Fluorescence Navigation Compared with Intraoperative Ultrasound. <i>Medical Science Monitor</i> , 2019, 25, 3406-3416.	0.5	12
53	Long Noncoding RNA: Function and Mechanism on Differentiation of Mesenchymal Stem Cells and Embryonic Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 259-267.	0.6	7
54	Robot-assisted laparoscopic versus open ureteral reimplantation for pediatric vesicoureteral reflux: a systematic review and meta-analysis. <i>World Journal of Urology</i> , 2018, 36, 819-828.	1.2	36

#	ARTICLE	IF	CITATIONS
55	Transcription factor Hoxb5 reprograms B cells into functional T lymphocytes. <i>Nature Immunology</i> , 2018, 19, 279-290.	7.0	38
56	Antibiotic prophylaxis in ureteroscopic lithotripsy: a systematic review and meta-analysis of comparative studies. <i>BJU International</i> , 2018, 122, 29-39.	1.3	18
57	Ophiopogonin D improves osteointegration of titanium alloy implants under diabetic conditions by inhibition of ROS overproduction via Wnt/ β 2-catenin signaling pathway. <i>Biochimie</i> , 2018, 152, 31-42.	1.3	18
58	Overexpression of miR-21 is involved in acute monocytic leukemia-associated angiogenesis by targeting IL-12. <i>Molecular Medicine Reports</i> , 2018, 18, 4122-4128.	1.1	6
59	Phosphorylation-Mediated IFN- γ R2 Membrane Translocation Is Required to Activate Macrophage Innate Response. <i>Cell</i> , 2018, 175, 1336-1351.e17.	13.5	28
60	Post-traumatic right carotid-cavernous fistula resulting in symptoms in the contralateral eye: a case report and literature review. <i>BMC Ophthalmology</i> , 2018, 18, 183.	0.6	23
61	The Association Between Phosphodiesterase Type 5 Inhibitor Use and Risk of Non-Arteritic Anterior Ischemic Optic Neuropathy: A Systematic Review and Meta-Analysis. <i>Sexual Medicine</i> , 2018, 6, 185-192.	0.9	15
62	Single-cell RNA sequencing highlights transcription activity of autophagy-related genes during hematopoietic stem cell formation in mouse embryos. <i>Autophagy</i> , 2017, 13, 770-771.	4.3	21
63	Clonal analysis reveals remarkable functional heterogeneity during hematopoietic stem cell emergence. <i>Cell Research</i> , 2017, 27, 1065-1068.	5.7	13
64	Systematic Review and Cumulative Analysis of the Combination of Mitomycin C plus Bacillus Calmette-Guérin (BCG) for Non-Muscle-Invasive Bladder Cancer. <i>Scientific Reports</i> , 2017, 7, 3172.	1.6	13
65	Association of VEGF and VDR gene-gene and gene-smoking interaction on risk of multiple myeloma in Chinese Han population. <i>Oncotarget</i> , 2017, 8, 36509-36516.	0.8	8
66	Investigation of the molecular mechanisms underlying myotonic dystrophy types 1 and 2 cataracts using microRNA-target gene networks. <i>Molecular Medicine Reports</i> , 2017, 16, 3737-3744.	1.1	4
67	Unc-5 homolog B (UNC5B) is one of the key downstream targets of N-Acetyltransferase 10 (Naa10). <i>Scientific Reports</i> , 2016, 6, 38508.	1.6	11
68	Tracing haematopoietic stem cell formation at single-cell resolution. <i>Nature</i> , 2016, 533, 487-492.	13.7	297
69	Generation and Analysis of GATA2 w/eGFP Human ESCs Reveal ITGB3/CD61 as a Reliable Marker for Defining Hemogenic Endothelial Cells during Hematopoiesis. <i>Stem Cell Reports</i> , 2016, 7, 854-868.	2.3	22
70	Cortical Microvascularization in Moyamoya Disease: Characteristics and the Relations with Surgical Outcomes of Encephaloduroarteriosynangiosis. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 325-327.	1.9	8
71	Human mesenchymal and murine stromal cells support human lympho-myeloid progenitor expansion but not maintenance of multipotent haematopoietic stem and progenitor cells. <i>Cell Cycle</i> , 2016, 15, 540-545.	1.3	23
72	ATF4 plays a pivotal role in the development of functional hematopoietic stem cells in mouse fetal liver. <i>Blood</i> , 2015, 126, 2383-2391.	0.6	58

#	ARTICLE	IF	CITATIONS
73	Increased Expression of Tissue/Salivary Transgelin mRNA Predicts Poor Prognosis in Patients with Oral Squamous Cell Carcinoma (OSCC). <i>Medical Science Monitor</i> , 2015, 21, 2275-2281.	0.5	22
74	G protein-coupled receptor 183 facilitates endothelial-to-hematopoietic transition via Notch1 inhibition. <i>Cell Research</i> , 2015, 25, 1093-1107.	5.7	90
75	Arsenic trioxide-based therapy in relapsed/refractory multiple myeloma patients: a meta-analysis and systematic review. <i>OncoTargets and Therapy</i> , 2014, 7, 1593.	1.0	11
76	Endothelial Smad4 restrains the transition to hematopoietic progenitors via suppression of ERK activation. <i>Blood</i> , 2014, 123, 2161-2171.	0.6	21
77	Using LaserSight Astrapro Planner 2.2 Z software in corneal topography-guided laser in situ keratomileusis for myopia with asymmetric corneal shape. <i>International Journal of Ophthalmology</i> , 2014, 7, 452-6.	0.5	2
78	miR-142-3p regulates the formation and differentiation of hematopoietic stem cells in vertebrates. <i>Cell Research</i> , 2013, 23, 1356-1368.	5.7	80
79	Generation of Hematopoietic Stem Cells from Purified Embryonic Endothelial Cells by a Simple and Efficient Strategy. <i>Journal of Genetics and Genomics</i> , 2013, 40, 557-563.	1.7	10
80	Mesenchymal stem cell-like cells in classic renal angiomyolipoma. <i>Oncology Letters</i> , 2012, 4, 398-402.	0.8	11
81	Mouse Embryonic Head as a Site for Hematopoietic Stem Cell Development. <i>Cell Stem Cell</i> , 2012, 11, 663-675.	5.2	164
82	Fibroblastic Potential of CD41 ⁺ Cells in the Mouse Aorta-Gonad-Mesonephros Region and Yolk Sac. <i>Stem Cells and Development</i> , 2012, 21, 2592-2605.	1.1	6
83	Characterization of hemangioblast in umbilical arteries of mid-gestation mouse embryos. <i>International Journal of Hematology</i> , 2012, 95, 632-639.	0.7	1
84	Migration of dorsal aorta mesenchymal stem cells induced by mouse embryonic circulation. <i>Developmental Dynamics</i> , 2011, 240, 65-74.	0.8	5
85	Interleukin-3 promotes hemangioblast development in mouse aorta-gonad-mesonephros region. <i>Haematologica</i> , 2010, 95, 875-883.	1.7	15
86	Characterization of OP9 as authentic mesenchymal stem cell line. <i>Journal of Genetics and Genomics</i> , 2010, 37, 475-482.	1.7	59
87	Toward Cell Therapy Using Placenta-Derived Cells: Disease Mechanisms, Cell Biology, Preclinical Studies, and Regulatory Aspects at the Round Table. <i>Stem Cells and Development</i> , 2010, 19, 143-154.	1.1	127
88	A Modified Haploidentical Nonmyeloablative Transplantation without T Cell Depletion for High-Risk Acute Leukemia: Successful Engraftment and Mild GVHD. <i>Biology of Blood and Marrow Transplantation</i> , 2009, 15, 930-937.	2.0	48
89	Concise Review: Isolation and Characterization of Cells from Human Term Placenta: Outcome of the First International Workshop on Placenta Derived Stem Cells. <i>Stem Cells</i> , 2008, 26, 300-311.	1.4	921
90	Identification of mesenchymal stem cells in aorta-gonad-mesonephros and yolk sac of human embryos. <i>Blood</i> , 2008, 111, 2436-2443.	0.6	91

#	ARTICLE	IF	CITATIONS
91	Essential Role of Endothelial Smad4 in Vascular Remodeling and Integrity. <i>Molecular and Cellular Biology</i> , 2007, 27, 7683-7692.	1.1	109
92	Identification of High Proliferative Potential Precursors with Hemangioblastic Activity in the Mouse Aorta-Gonad- Mesonephros Region. <i>Stem Cells</i> , 2007, 25, 1423-1430.	1.4	17
93	Human mesenchymal stem cells inhibit differentiation and function of monocyte-derived dendritic cells. <i>Blood</i> , 2005, 105, 4120-4126.	0.6	1,205
94	Human placenta-derived mesenchymal progenitor cells support culture expansion of long-term culture-initiating cells from cord blood CD34+ cells. <i>Experimental Hematology</i> , 2004, 32, 657-664.	0.2	198
95	Smad5: signaling roles in hematopoiesis and osteogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 766-770.	1.2	14
96	Influence of IL-1 beta and TNF-alpha on Fas expression of human retinal pigment epithelial cells in vitro. <i>Yan Ke Xue Bao = Eye Science</i> , 2004, 20, 39-41.	0.1	0
97	Isolation of Mouse Marrow Mesenchymal Progenitors by a Novel and Reliable Method. <i>Stem Cells</i> , 2003, 21, 527-535.	1.4	247
98	Disruption of Smad5 gene leads to enhanced proliferation of high-proliferative potential precursors during embryonic hematopoiesis. <i>Blood</i> , 2003, 101, 124-133.	0.6	68