

# Li Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

4,646  
citations

249298

26  
h-index

156644

58  
g-index

67  
all docs

67  
docs citations

67  
times ranked

8121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Assisted Discovery of Chondroitinase ABC Complexes toward Sustained Neural Regeneration. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102101.	3.9	25
2	A newly anticipated role for Laptm4b in retinal outer segment development. <i>Eye</i> , 2022, 36, 1342-1343.	1.1	1
3	Biomarkers from Secondary Complications in Spinal Cord Injury. <i>Current Pharmacology Reports</i> , 2022, 8, 20-30.	1.5	2
4	Transcription factors promote neural regeneration after spinal cord injury. <i>Neural Regeneration Research</i> , 2022, 17, 2439.	1.6	3
5	Linking traumatic brain injury, neural stem, and progenitor cells. , 2022, , 107-119.		0
6	Gsx1 promotes locomotor functional recovery after spinal cord injury. <i>Molecular Therapy</i> , 2021, 29, 2469-2482.	3.7	31
7	Diversity of Adult Neural Stem and Progenitor Cells in Physiology and Disease. <i>Cells</i> , 2021, 10, 2045.	1.8	16
8	Hybrid SMART spheroids to enhance stem cell therapy for CNS injuries. <i>Science Advances</i> , 2021, 7, eabj2281.	4.7	18
9	Nlx6.1 enhances neural stem cell activation and attenuates glial scar formation and neuroinflammation in the adult injured spinal cord. <i>Experimental Neurology</i> , 2021, 345, 113826.	2.0	13
10	A computational pipeline for functional gene discovery. <i>Scientific Reports</i> , 2021, 11, 23522.	1.6	1
11	KPT-9274, an Inhibitor of PAK4 and NAMPT, Leads to Downregulation of mTORC2 in Triple Negative Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 482-491.	1.7	21
12	A novel mouse model for the study of endogenous neural stem and progenitor cells after traumatic brain injury. <i>Experimental Neurology</i> , 2020, 325, 113119.	2.0	7
13	Analysis of the functional sequences in the promoter region of the human adhesion molecule close homolog of L1. <i>International Journal of Neuroscience</i> , 2020, , 1-7.	0.8	0
14	Analysis of the Transcriptome: Regulation of Cancer Stemness in Breast Ductal Carcinoma <i>In Situ</i> by Vitamin D Compounds. <i>Cancer Prevention Research</i> , 2020, 13, 673-686.	0.7	12
15	Abstract 5067: Identification of key drivers of cancer stemness and progression regulated by vitamin D compounds in ductal carcinoma in situ breast cancer. , 2019, , .		0
16	Deciphering the PAK4 transcriptome profile in mammary tumor forming cells using Next Generation Sequencing. <i>Genomics</i> , 2018, 110, 248-256.	1.3	6
17	A biodegradable hybrid inorganic nanoscaffold for advanced stem cell therapy. <i>Nature Communications</i> , 2018, 9, 3147.	5.8	87
18	Single-Cell Transcriptome Analysis of Neural Stem Cells. <i>Current Pharmacology Reports</i> , 2017, 3, 68-76.	1.5	3

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19	Top2b is involved in the formation of outer segment and synapse during late-stage photoreceptor differentiation by controlling key genes of photoreceptor transcriptional regulatory network. <i>Journal of Neuroscience Research</i> , 2017, 95, 1951-1964.	1.3	13
20	Differential Gene Regulation and Tumor-Inhibitory Activities of Alpha-, Delta-, and Gamma-Tocopherols in Estrogen-Mediated Mammary Carcinogenesis. <i>Cancer Prevention Research</i> , 2017, 10, 694-703.	0.7	12
21	Abstract 1571: Decrypting the transcriptome profile of Pak4 using next generation sequencing. , 2017, , .		0
22	Transcriptional Regulation of Notch1 Expression by Nkx6.1 in Neural Stem/Progenitor Cells during Ventral Spinal Cord Development. <i>Scientific Reports</i> , 2016, 6, 38665.	1.6	18
23	Crosstalk between bone marrow-derived myofibroblasts and gastric cancer cells regulates cancer stemness and promotes tumorigenesis. <i>Oncogene</i> , 2016, 35, 5388-5399.	2.6	25
24	Elucidation of regulatory interaction networks underlying human prostate adenocarcinoma. <i>Journal of Chinese Pharmaceutical Sciences</i> , 2015, 24, .	0.4	3
25	Topoisomerase IIbeta is required for proper retinal development and survival of postmitotic cells. <i>Biology Open</i> , 2014, 3, 172-184.	0.6	22
26	Identification of a transient Sox5 expressing progenitor population in the neonatal ventral forebrain by a novel cis-regulatory element. <i>Developmental Biology</i> , 2014, 393, 183-193.	0.9	5
27	NF- $\kappa$ B Affects Proliferation and Invasiveness of Breast Cancer Cells by Regulating CD44 Expression. <i>PLoS ONE</i> , 2014, 9, e106966.	1.1	93
28	Meis1 regulates Foxn4 expression during retinal progenitor cell differentiation. <i>Biology Open</i> , 2013, 2, 1125-1136.	0.6	9
29	Forkhead box N4 (Foxn4) activates Dll4-Notch signaling to suppress photoreceptor cell fates of early retinal progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E553-62.	3.3	73
30	In Ovo Electroporation in Embryonic Chick Retina. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	5
31	A cis-element in the Notch1 locus is involved in the regulation of gene expression in interneuron progenitors. <i>Developmental Biology</i> , 2012, 372, 217-228.	0.9	13
32	Analysis of Retinal Development and Diseases Using RNA-Seq. <i>Cell &amp; Developmental Biology</i> , 2012, 01, .	0.3	17
33	Cell Specific CD44 Expression in Breast Cancer Requires the Interaction of AP-1 and NF- $\kappa$ B with a Novel cis-Element. <i>PLoS ONE</i> , 2012, 7, e50867.	1.1	31
34	Prediction of Transcriptional Regulatory Networks for Retinal Development. , 2011, , .		0
35	Anti-inflammatory/Anti-oxidative Stress Activities and Differential Regulation of Nrf2-Mediated Genes by Non-Polar Fractions of Tea <i>Chrysanthemum zawadskii</i> and Licorice <i>Glycyrrhiza uralensis</i> . <i>AAPS Journal</i> , 2011, 13, 1-13.	2.2	146
36	A Novel Gemini Vitamin D Analog Represses the Expression of a Stem Cell Marker CD44 in Breast Cancer. <i>Molecular Pharmacology</i> , 2011, 79, 360-367.	1.0	81

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37	Abstract 839: A novel Gemini vitamin D analog represses a stem cell marker CD44 and its variant CD44v6 and inhibits CD44-Met signaling in breast cancer. , 2011, , .		0
38	Analysis of retinal cell development in chick embryo by immunohistochemistry and in ovo electroporation techniques. BMC Developmental Biology, 2010, 10, 8.	2.1	38
39	Regulation of Nrf2- and AP-1-mediated gene expression by epigallocatechin-3-gallate and sulforaphane in prostate of Nrf2-knockout or C57BL/6j mice and PC-3 AP-1 human prostate cancer cells. Acta Pharmacologica Sinica, 2010, 31, 1223-1240.	2.8	84
40	Simultaneous determination of multiple mRNA levels utilizing MALDI-TOF mass spectrometry and biotinylated dideoxynucleotides. Rna, 2010, 16, 1285-1291.	1.6	4
41	Epigenetic Modifiers Are Necessary but Not Sufficient for Reprogramming Non-Myelinating Cells into Myelin Gene-Expressing Cells. PLoS ONE, 2010, 5, e13023.	1.1	27
42	Abstract 644: A novel Gemini vitamin D analogue represses the expression of a stem cell marker CD44 in breast cancer. , 2010, , .		0
43	Regulatory potential for concerted modulation of Nrf2- and Nfkb1-mediated gene expression in inflammation and carcinogenesis. British Journal of Cancer, 2008, 99, 2070-2082.	2.9	143
44	Clustering Analysis of SAGE Transcription Profiles Using a Poisson Approach. Methods in Molecular Biology, 2008, 387, 185-198.	0.4	10
45	Autophagy Regulates Ageing in <i>C. elegans</i> . Autophagy, 2007, 3, 93-95.	4.3	213
46	Serial Analysis of Gene Expression (SAGE): Experimental Method and Data Analysis. Current Protocols in Human Genetics, 2007, 53, Unit 11.7.	3.5	2
47	Serial Analysis of Gene Expression (SAGE): Experimental Method and Data Analysis. Current Protocols in Molecular Biology, 2007, 80, Unit 25B.6.	2.9	2
48	Measuring similarities between gene expression profiles through new data transformations. BMC Bioinformatics, 2007, 8, 29.	1.2	25
49	Non-coding sequence retrieval system for comparative genomic analysis of gene regulatory elements. BMC Bioinformatics, 2007, 8, 94.	1.2	11
50	Role of Topoisomerase II <sup>2</sup> in the Expression of Developmentally Regulated Genes. Molecular and Cellular Biology, 2006, 26, 7929-7941.	1.1	162
51	Distinct epigenetic changes in the stromal cells of breast cancers. Nature Genetics, 2005, 37, 899-905.	9.4	476
52	Insights into developmental mechanisms and cancers in the mammalian intestine derived from serial analysis of gene expression and study of the hepatoma-derived growth factor (HDGF). Development (Cambridge), 2005, 132, 415-427.	1.2	77
53	Molecular characterization of the tumor microenvironment in breast cancer. Cancer Cell, 2004, 6, 17-32.	7.7	1,161
54	Clustering analysis of SAGE data using a Poisson approach. Genome Biology, 2004, 5, R51.	13.9	76

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55	Genomic Analysis of Mouse Retinal Development. PLoS Biology, 2004, 2, e247.	2.6	550
56	Ena/VASP Proteins Regulate Cortical Neuronal Positioning. Current Biology, 2002, 12, 565-569.	1.8	79
57	Size distribution of retrovirally marked lineages matches prediction from population measurements of cell cycle behavior. Journal of Neuroscience Research, 2002, 69, 731-744.	1.3	58
58	The External Granule Layer of the Developing Chick Cerebellum Generates Granule Cells and Cells of the Isthmus and Rostral Hindbrain. Journal of Neuroscience, 2001, 21, 159-168.	1.7	146
59	A novel Q378X mutation exists in the transmembrane transporter protein ABCC6 and its pseudogene: implications for mutation analysis in pseudoxanthoma elasticum. Journal of Molecular Medicine, 2001, 79, 536-546.	1.7	48
60	Ectopic expression of Olig1 promotes oligodendrocyte formation and reduces neuronal survival in developing mouse cortex. Nature Neuroscience, 2001, 4, 973-974.	7.1	108
61	Preservation of gene expression ratios among multiple complex cDNAs after PCR amplification: application to differential gene expression studies. Journal of Structural and Functional Genomics, 2000, 1, 1-7.	1.2	7
62	A 500-kb region on chromosome 16p13.1 contains the pseudoxanthoma elasticum locus: high-resolution mapping and genomic structure. Journal of Molecular Medicine, 2000, 78, 36-46.	1.7	63
63	Mutations of the gene encoding the transmembrane transporter protein ABC-C6 cause pseudoxanthoma elasticum. Journal of Molecular Medicine, 2000, 78, 282-286.	1.7	118
64	Local Homogeneity of Cell Cycle Length in Developing Mouse Cortex. Journal of Neuroscience, 1997, 17, 2079-2087.	1.7	76
65	Synchrony of Clonal Cell Proliferation and Contiguity of Clonally Related Cells: Production of Mosaicism in the Ventricular Zone of Developing Mouse Neocortex. Journal of Neuroscience, 1997, 17, 2088-2100.	1.7	57