

Jian-Liang Li

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

5,632
citations

61984

43
h-index

82547

72
g-index

122
all docs

122
docs citations

122
times ranked

8695
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of Sweet Orange (<i>Citrus sinensis</i>) to <i>Candidatus</i> <i>Liberibacter asiaticus</i> ™ Infection: Microscopy and Microarray Analyses. <i>Phytopathology</i> , 2009, 99, 50-57.	2.2	283
2	Expression, regulation, and triglyceride hydrolase activity of Adiponutrin family members. <i>Journal of Lipid Research</i> , 2005, 46, 2477-2487.	4.2	255
3	Molecular Cloning Of Human Paxillin, a Focal Adhesion Protein Phosphorylated by P210BCR/ABL. <i>Journal of Biological Chemistry</i> , 1995, 270, 5039-5047.	3.4	246
4	The proto-oncogene product p120CBL and the adaptor proteins CRKL and c-CRK link c-ABL, p190BCR/ABL and p210BCR/ABL to the phosphatidylinositol-3' kinase pathway. <i>Oncogene</i> , 1996, 12, 839-46.	5.9	226
5	Molecular identification of microsomal acyl-CoA:glycerol-3-phosphate acyltransferase, a key enzyme in de novo triacylglycerol synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19695-19700.	7.1	193
6	Activation of mTORC1 is essential for β -adrenergic stimulation of adipose browning. <i>Journal of Clinical Investigation</i> , 2016, 126, 1704-1716.	8.2	171
7	cAMP/CREB-regulated LINC00473 marks LKB1-inactivated lung cancer and mediates tumor growth. <i>Journal of Clinical Investigation</i> , 2016, 126, 2267-2279.	8.2	170
8	BCR/ABL induces multiple abnormalities of cytoskeletal function.. <i>Journal of Clinical Investigation</i> , 1997, 100, 46-57.	8.2	152
9	A Genome Scan for Modifiers of Age at Onset in Huntington Disease: The HD MAPS Study. <i>American Journal of Human Genetics</i> , 2003, 73, 682-687.	6.2	148
10	Spaceflight Transcriptomes: Unique Responses to a Novel Environment. <i>Astrobiology</i> , 2012, 12, 40-56.	3.0	140
11	Mastermind-like transcriptional co-activators: emerging roles in regulating cross talk among multiple signaling pathways. <i>Oncogene</i> , 2008, 27, 5138-5147.	5.9	134
12	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020, 31, 564-579.e7.	16.2	130
13	The Related Adhesion Focal Tyrosine Kinase Forms a Complex with Paxillin in Hematopoietic Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 31222-31226.	3.4	129
14	Increased tyrosine phosphorylation of focal adhesion proteins in myeloid cell lines expressing p210BCR/ABL. <i>Oncogene</i> , 1995, 11, 1149-55.	5.9	122
15	CRKL Links p210BCR/ABL with Paxillin in Chronic Myelogenous Leukemia Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 29145-29150.	3.4	114
16	The Relationship Between CAG Repeat Length and Age of Onset Differs for Huntington's Disease Patients with Juvenile Onset or Adult Onset. <i>Annals of Human Genetics</i> , 2007, 71, 295-301.	0.8	110
17	p130CAS Forms a Signaling Complex with the Adapter Protein CRKL in Hematopoietic Cells Transformed by the BCR/ABL Oncogene. <i>Journal of Biological Chemistry</i> , 1996, 271, 25198-25203.	3.4	109
18	DNMT1 and DNMT3B Modulate Distinct Polycomb-Mediated Histone Modifications in Colon Cancer. <i>Cancer Research</i> , 2009, 69, 7412-7421.	0.9	92

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19	Specific changes of sulfatide levels in individuals with pre-clinical Alzheimer's disease: an early event in disease pathogenesis. <i>Journal of Neurochemistry</i> , 2013, 127, 733-738.	3.9	84
20	Expression of the focal adhesion protein paxillin in lung cancer and its relation to cell motility. <i>Oncogene</i> , 1999, 18, 67-77.	5.9	83
21	Effects of lactation and pregnancy on gene expression of endometrium of Holstein cows at day 17 of the estrous cycle or pregnancy. <i>Journal of Dairy Science</i> , 2012, 95, 5657-5675.	3.4	83
22	The Bovine Papillomavirus E6 Protein Binds to the LD Motif Repeats of Paxillin and Blocks Its Interaction with Vinculin and the Focal Adhesion Kinase. <i>Journal of Biological Chemistry</i> , 1997, 272, 33373-33376.	3.4	82
23	Aberrantly activated AREG-EGFR signaling is required for the growth and survival of CRTC1-MAML2 fusion-positive mucoepidermoid carcinoma cells. <i>Oncogene</i> , 2014, 33, 3869-3877.	5.9	82
24	Identification of Histone Deacetylase Inhibitors with Benzoylhydrazide Scaffold that Selectively Inhibit Class I Histone Deacetylases. <i>Chemistry and Biology</i> , 2015, 22, 273-284.	6.0	80
25	GPAT3 and GPAT4 are regulated by insulin-stimulated phosphorylation and play distinct roles in adipogenesis. <i>Journal of Lipid Research</i> , 2010, 51, 1971-1981.	4.2	78
26	Altered LKB1/CREB-regulated transcription co-activator (CRTC) signaling axis promotes esophageal cancer cell migration and invasion. <i>Oncogene</i> , 2012, 31, 469-479.	5.9	76
27	DDX5 is a positive regulator of oncogenic NOTCH1 signaling in T cell acute lymphoblastic leukemia. <i>Oncogene</i> , 2013, 32, 4845-4853.	5.9	76
28	Long Noncoding RNAs as Putative Biomarkers for Prostate Cancer Detection. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 615-626.	2.8	75
29	Genome-wide significance for a modifier of age at neurological onset in Huntington's Disease at 6q23-24: the HD MAPS study. <i>BMC Medical Genetics</i> , 2006, 7, 71.	2.1	72
30	A multicenter study benchmarking single-cell RNA sequencing technologies using reference samples. <i>Nature Biotechnology</i> , 2021, 39, 1103-1114.	17.5	69
31	MicroRNA 211 Functions as a Metabolic Switch in Human Melanoma Cells. <i>Molecular and Cellular Biology</i> , 2016, 36, 1090-1108.	2.3	68
32	miR-34 Modulates Innate Immunity and Ecdysone Signaling in <i>Drosophila</i> . <i>PLoS Pathogens</i> , 2016, 12, e1006034.	4.7	66
33	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1141-1150.	17.5	66
34	Extracellular pyridine nucleotides trigger plant systemic immunity through a lectin receptor kinase/BAK1 complex. <i>Nature Communications</i> , 2019, 10, 4810.	12.8	65
35	Diffusible Signal Factor-Mediated Quorum Sensing Plays a Central Role in Coordinating Gene Expression of <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 165-179.	2.6	60
36	Histone crotonylation promotes mesoendodermal commitment of human embryonic stem cells. <i>Cell Stem Cell</i> , 2021, 28, 748-763.e7.	11.1	59

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37	The direct effect of Focal Adhesion Kinase (FAK), dominant-negative FAK, FAK-CD and FAK siRNA on gene expression and human MCF-7 breast cancer cell tumorigenesis. <i>BMC Cancer</i> , 2009, 9, 280.	2.6	57
38	Genetic inactivation or pharmacological inhibition of Pdk1 delays development and inhibits metastasis of BrafV600E::Pten ^{-/-} melanoma. <i>Oncogene</i> , 2014, 33, 4330-4339.	5.9	54
39	The Invadopodia Scaffold Protein Tks5 Is Required for the Growth of Human Breast Cancer Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0121003.	2.5	54
40	Similarity between mutation spectra in hypermutated genomes of rubella virus and in SARS-CoV-2 genomes accumulated during the COVID-19 pandemic. <i>PLoS ONE</i> , 2020, 15, e0237689.	2.5	53
41	MondoA coordinately regulates skeletal myocyte lipid homeostasis and insulin signaling. <i>Journal of Clinical Investigation</i> , 2016, 126, 3567-3579.	8.2	52
42	The TGF- β 2 superfamily cytokine Activin-A is induced during autoimmune neuroinflammation and drives pathogenic Th17 cell differentiation. <i>Immunity</i> , 2021, 54, 308-323.e6.	14.3	46
43	The BCR/ABL oncogene alters interaction of the adapter proteins CRKL and CRK with cellular proteins. <i>Leukemia</i> , 1997, 11, 376-385.	7.2	45
44	Transcriptional changes associated with breast cancer occur as normal human mammary epithelial cells overcome senescence barriers and become immortalized. <i>Molecular Cancer</i> , 2007, 6, 7.	19.2	44
45	Profiling of hypothalamic and hippocampal gene expression in chronically stressed rats treated with St. John's wort extract (STW 3-VI) and fluoxetine. <i>Psychopharmacology</i> , 2011, 213, 757-772.	3.1	42
46	Systems Biology, Bioinformatics, and Biomarkers in Neuropsychiatry. <i>Frontiers in Neuroscience</i> , 2012, 6, 187.	2.8	41
47	CRTC1-MAML2 fusion-induced lncRNA LINC00473 expression maintains the growth and survival of human mucoepidermoid carcinoma cells. <i>Oncogene</i> , 2018, 37, 1885-1895.	5.9	39
48	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1151-1160.	17.5	39
49	p210BCR/ABL induces formation of complexes containing focal adhesion proteins and the protooncogene product p120c-Cbl. <i>Experimental Hematology</i> , 1996, 24, 310-3.	0.4	39
50	RpfF-Dependent Regulon of <i>Xylella fastidiosa</i> . <i>Phytopathology</i> , 2012, 102, 1045-1053.	2.2	38
51	The Mastermind-like 1 (MAML1) Co-activator Regulates Constitutive NF- κ B Signaling and Cell Survival. <i>Journal of Biological Chemistry</i> , 2010, 285, 14356-14365.	3.4	35
52	Coupling of COPII vesicle trafficking to nutrient availability by the IRE1 \pm -XBP1s axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11776-11785.	7.1	35
53	Sertoli cell-only phenotype and scRNA-seq define PRAMEF12 as a factor essential for spermatogenesis in mice. <i>Nature Communications</i> , 2019, 10, 5196.	12.8	35
54	Proteomic and Functional Analyses Reveal the Role of Chromatin Reader SFMBT1 in Regulating Epigenetic Silencing and the Myogenic Gene Program*. <i>Journal of Biological Chemistry</i> , 2013, 288, 6238-6247.	3.4	34

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55	The Long Noncoding RNA SPRIGHTLY Regulates Cell Proliferation in Primary Human Melanocytes. <i>Journal of Investigative Dermatology</i> , 2016, 136, 819-828.	0.7	34
56	The CRTC1-MAML2 fusion is the major oncogenic driver in mucoepidermoid carcinoma. <i>JCI Insight</i> , 2021, 6, .	5.0	34
57	Fine Tuning of the UPR by the Ubiquitin Ligases Siah1/2. <i>PLoS Genetics</i> , 2014, 10, e1004348.	3.5	33
58	Brain-derived neurotrophic factor does not influence age at neurologic onset of Huntingtonâ€™s disease. <i>Neurobiology of Disease</i> , 2006, 24, 280-285.	4.4	31
59	The long noncoding RNA SPRIGHTLY acts as an intranuclear organizing hub for pre-mRNA molecules. <i>Science Advances</i> , 2017, 3, e1602505.	10.3	31
60	Dioxin and AHR impairs mesoderm gene expression and cardiac differentiation in human embryonic stem cells. <i>Science of the Total Environment</i> , 2019, 651, 1038-1046.	8.0	29
61	SBI-0640756 Attenuates the Growth of Clinically Unresponsive Melanomas by Disrupting the eIF4F Translation Initiation Complex. <i>Cancer Research</i> , 2015, 75, 5211-5218.	0.9	28
62	Gene expression profiling analysis of CRTC1-MAML2 fusion oncogene-induced transcriptional program in human mucoepidermoid carcinoma cells. <i>BMC Cancer</i> , 2015, 15, 803.	2.6	27
63	Exogenous Nicotinamide Adenine Dinucleotide Induces Resistance to Citrus Canker in Citrus. <i>Frontiers in Plant Science</i> , 2018, 9, 1472.	3.6	27
64	UV-exposure, endogenous DNA damage, and DNA replication errors shape the spectra of genome changes in human skin. <i>PLoS Genetics</i> , 2021, 17, e1009302.	3.5	26
65	Genome-wide methylated CpG island profiles of melanoma cells reveal a melanoma coregulation network. <i>Scientific Reports</i> , 2013, 3, 2962.	3.3	22
66	SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. <i>ELife</i> , 2021, 10, .	6.0	22
67	A Transcriptionally Inactive ATF2 Variant Drives Melanomagenesis. <i>Cell Reports</i> , 2016, 15, 1884-1892.	6.4	21
68	MicroRNAâ€”196 Regulates HOX Gene Expression in Human Gluteal Adipose Tissue. <i>Obesity</i> , 2017, 25, 1375-1383.	3.0	21
69	JNK1/2 represses Lkb1-deficiency-induced lung squamous cell carcinoma progression. <i>Nature Communications</i> , 2019, 10, 2148.	12.8	20
70	Transcriptomic Analysis of PNN- and ESRP1-Regulated Alternative Pre-mRNA Splicing in Human Corneal Epithelial Cells. , 2013, 54, 697.		17
71	Ten simple rules for providing effective bioinformatics research support. <i>PLoS Computational Biology</i> , 2020, 16, e1007531.	3.2	15
72	INO80 promotes H2A.Z occupancy to regulate cell fate transition in pluripotent stem cells. <i>Nucleic Acids Research</i> , 2021, 49, 6739-6755.	14.5	15

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73	Comparative transcriptomic analysis and structure prediction of novel Newt proteins. PLoS ONE, 2019, 14, e0220416.	2.5	13
74	Elevated Nicotinamide Phosphoribosyl Transferase in Skeletal Muscle Augments Exercise Performance and Mitochondrial Respiratory Capacity Following Exercise Training. Frontiers in Physiology, 2018, 9, 704.	2.8	11
75	The SKI proto-oncogene restrains the resident CD103+CD8+ T cell response in viral clearance. Cellular and Molecular Immunology, 2020, 18, 2410-2421.	10.5	11
76	A Systematic Approach to Identify Biased Agonists of the Apelin Receptor through High-Throughput Screening. SLAS Discovery, 2017, 22, 867-878.	2.7	10
77	The E3 ubiquitin ligase Siah1 regulates adrenal gland organization and aldosterone secretion. JCI Insight, 2017, 2, .	5.0	9
78	Assessing the Association of Mitochondrial Function and Inflammasome Activation in Murine Macrophages Exposed to Select Mitotoxic Tri-Organotin Compounds. Environmental Health Perspectives, 2021, 129, 47015.	6.0	9
79	Intestinal epithelial glucocorticoid receptor promotes chronic inflammation-associated colorectal cancer. JCI Insight, 2021, 6, .	5.0	9
80	ESR1 Mutations Associated With Estrogen Insensitivity Syndrome Change Conformation of Ligand-Receptor Complex and Altered Transcriptome Profile. Endocrinology, 2020, 161, .	2.8	7
81	Replication Attempt: Effect of BMAP-28 Antimicrobial Peptides on Leishmania Major Promastigote and Amastigote Growth: Role of Leishmanolysin in Parasite Survival. PLoS ONE, 2014, 9, e114614.	2.5	6
82	miFAST: A novel and rapid microRNA target capture method. Molecular Carcinogenesis, 2018, 57, 559-566.	2.7	6
83	ERBB2 Regulates MED24 during Cancer Progression in Mice with Pten and Smad4 Deletion in the Pulmonary Epithelium. Cells, 2019, 8, 615.	4.1	5
84	Mass spectrometric identification of candidate RNA-binding proteins associated with Transition Nuclear Protein mRNA in the mouse testis. Scientific Reports, 2019, 9, 13618.	3.3	5
85	Unique microRNA alterations in hepatocellular carcinomas arising either spontaneously or due to chronic exposure to Ginkgo biloba extract (GBE) in B6C3F1/N mice. Archives of Toxicology, 2020, 94, 2523-2541.	4.2	5
86	Mapping genetic variability in mature miRNAs and miRNA binding sites in prostate cancer. Journal of Human Genetics, 2021, 66, 1127-1137.	2.3	5
87	Structural Equation Modeling of In silico Perturbations. Frontiers in Genetics, 2021, 12, 727532.	2.3	5
88	De Novo Whole-Genome Sequence of Pantoea latae Strain AS1, Isolated from Zamia floridana Rhizosphere in Central Florida, USA. Genome Announcements, 2017, 5, .	0.8	4
89	The Elongator complex-associated protein DRL1 plays a positive role in immune responses against necrotrophic fungal pathogens in Arabidopsis. Molecular Plant Pathology, 2018, 19, 286-299.	4.2	4
90	Epigenetic Regulation of Fanconi Anemia Genes Implicates PRMT5 Blockage as a Strategy for Tumor Chemosensitization. Molecular Cancer Research, 2022, 19, 2046-2056.	3.4	4

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91	Visualization, benchmarking and characterization of nested single-cell heterogeneity as dynamic forest mixtures. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	2
92	Draft Genome Sequences of Extended-Spectrum-Beta-Lactamase-Producing <i>Morganella morganii</i> Strains AA1 and AV1, Isolated from a Freshwater Lake and <i>Eichhornia crassipes</i> Roots. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
93	Whole-Genome Sequence of <i>Pantoea americana</i> Strain VS1, an Extended-Spectrum β -Lactamase-Producing Epibiont Isolated from <i>Magnolia grandiflora</i> . <i>Genome Announcements</i> , 2017, 5, .	0.8	1
94	Patterns, Profiles, and Parsimony: Dissecting Transcriptional Signatures From Minimal Single-Cell RNA-Seq Output With SALSA. <i>Frontiers in Genetics</i> , 2020, 11, 511286.	2.3	1
95	Abstract 59: PDK1 in melanoma development and metastasis. , 2014, , .		1
96	Deep Sequencing-Identified Kanamycin-Resistant <i>Paenibacillus</i> sp. Strain KS1 Isolated from Epiphyte <i>Tillandsia usneoides</i> (Spanish Moss) in Central Florida, USA. <i>Genome Announcements</i> , 2017, 5, .	0.8	0
97	Whole-Genome Sequence of High Salt and Heavy Metal-Tolerant <i>Bacillus stratosphericus</i> Strain 5Co, Isolated from Lichen <i>Usnea florida</i> in Central Florida, United States. <i>Genome Announcements</i> , 2017, 5, .	0.8	0
98	MP33-15â€fMAPPING GENETIC VARIABILITY IN MATURE MIRNAS AND MIRNA BINDING SITES IN PROSTATE CANCER. <i>Journal of Urology</i> , 2021, 206, .	0.4	0
99	Effects of Lactation and Pregnancy on Endometrial Gene Expression in Dairy Cattle.. <i>Biology of Reproduction</i> , 2009, 81, 339-339.	2.7	0
100	Essential Role for the MAML1 Co-Activator In T-ALL. <i>Blood</i> , 2010, 116, 2501-2501.	1.4	0
101	Abstract 1059: Altered LKB1/CREB-regulated transcription co-activator (CRTC) signaling axis promotes esophageal cancer cell migration and invasion. , 2011, , .		0
102	Abstract 978: microRNA-211 modulates energy metabolism in human melanoma cells by destabilizing HIF1- β and downregulating PDK4. , 2014, , .		0
103	Abstract 2284: Generation and characterization of a mouse model of CRTC1-MAML2-induced mucoepidermoid carcinoma (MEC). , 2015, , .		0
104	Abstract 166: Identification of a novel long noncoding RNA as a mediator for CRTC1-MAML2 fusion oncogenic function and a biomarker for CRTC1-MAML2 fusion-positive tumors. , 2015, , .		0
105	Abstract A09: The long noncoding RNA SPRIGHTLY regulates cell proliferation in primary human melanocytes. , 2016, , .		0
106	Abstract B20: miR-211 Functions as a metabolic switch in human melanoma cells. , 2016, , .		0
107	Abstract 5212: Ablation of SMAD4 repression onElf3promotes the progression of lung cancerin vivo. , 2019, , .		0
108	Abstract 5212: Ablation of SMAD4 repression on <i>Elf3</i> promotes the progression of lung cancer <i>in vivo</i> . , 2019, , .		0

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109	Title is missing!. , 2020, 15, e0237689.		0
110	Title is missing!. , 2020, 15, e0237689.		0
111	Title is missing!. , 2020, 15, e0237689.		0
112	Title is missing!. , 2020, 15, e0237689.		0