Sung-Chou Li

List of Publications by Year
in descending order

77 papers	2,961 citations	136950 32 h-index	175258 52 g-index
78 all docs	78 docs citations	78 times ranked	4451 citing authors

#	Article	IF	Citations
1	Epigenetic regulation of miRâ€34b and miRâ€129 expression in gastric cancer. International Journal of Cancer, 2011, 129, 2600-2610.	5.1	174
2	The Silkworm (Bombyx mori) microRNAs and Their Expressions in Multiple Developmental Stages. PLoS ONE, 2008, 3, e2997.	2.5	130
3	miRNA arm selection and isomiR distribution in gastric cancer. BMC Genomics, 2012, 13, S13.	2.8	125
4	Identification of homologous microRNAs in 56 animal genomes. Genomics, 2010, 96, 1-9.	2.9	115
5	Aberrant hypermethylation of<i>miR-9</i>genes in gastric cancer. Epigenetics, 2011, 6, 1189-1197.	2.7	112
6	Intronic MicroRNA: Discovery and Biological Implications. DNA and Cell Biology, 2007, 26, 195-207.	1.9	110
7	Epigenetic regulation of miRâ€196b expression in gastric cancer. Genes Chromosomes and Cancer, 2010, 49, 969-980.	2.8	96
8	Vir-Mir db: prediction of viral microRNA candidate hairpins. Nucleic Acids Research, 2007, 36, D184-D189.	14.5	87
9	Gut microbiota and dietary patterns in children with attention-deficit/hyperactivity disorder. European Child and Adolescent Psychiatry, 2020, 29, 287-297.	4.7	87
10	The effects of storage temperature and duration of blood samples on DNA and RNA qualities. PLoS ONE, 2017, 12, e0184692.	2.5	83
11	Aberrant expression of miRâ€196a in gastric cancers and correlation with recurrence. Genes Chromosomes and Cancer, 2012, 51, 394-401.	2.8	69
12	Discovery and characterization of medaka miRNA genes by next generation sequencing platform. BMC Genomics, 2010, 11, S8.	2.8	68
13	Arm Selection Preference of MicroRNA-193a Varies in Breast Cancer. Scientific Reports, 2016, 6, 28176.	3.3	67
14	Silencing of miR-1-1 and miR-133a-2 cluster expression by DNA hypermethylation in colorectal cancer. Oncology Reports, 2012, 28, 1069-1076.	2.6	62
15	Identification of microRNA in the protist Trichomonas vaginalis. Genomics, 2009, 93, 487-493.	2.9	61
16	MicroRNA-324 in Human Cancer: miR-324-5p and miR-324-3p Have Distinct Biological Functions in Human Cancer. Anticancer Research, 2016, 36, 5189-5196.	1.1	60
17	Aberrant DNA hypermethylation-silenced SOX21-AS1 gene expression and its clinical importance in oral cancer. Clinical Epigenetics, 2016, 8, 129.	4.1	59
18	Transcriptional regulation of miR-196b by ETS2 in gastric cancer cells. Carcinogenesis, 2012, 33, 760-769.	2.8	58

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19	MicroRNA Dysregulation in Gastric Cancer. Current Pharmaceutical Design, 2012, 19, 1273-1284.	1.9	58
20	Bioinformatic discovery of microRNA precursors from human ESTs and introns. BMC Genomics, 2006, 7, 164.	2.8	52
21	Metformin Treatment Suppresses Melanoma Cell Growth and Motility Through Modulation of microRNA Expression. Cancers, 2019, 11, 209.	3.7	50
22	Next-generation sequencing identifies micro-RNA–based biomarker panel for Kawasaki disease. Journal of Allergy and Clinical Immunology, 2016, 138, 1227-1230.	2.9	48
23	Identifying genetic hypomethylation and upregulation of toll-like receptors in Kawasaki disease. Oncotarget, 2017, 8, 11249-11258.	1.8	48
24	MicroRNA-29a Alleviates Bile Duct Ligation Exacerbation of Hepatic Fibrosis in Mice through Epigenetic Control of Methyltransferases. International Journal of Molecular Sciences, 2017, 18, 192.	4.1	45
25	Genome-Wide Association Study Identifies Novel Susceptibility Genes Associated with Coronary Artery Aneurysm Formation in Kawasaki Disease. PLoS ONE, 2016, 11, e0154943.	2.5	45
26	Multiomics analyses identified epigenetic modulation of the S100A gene family in Kawasaki disease and their significant involvement in neutrophil transendothelial migration. Clinical Epigenetics, 2018, 10, 135.	4.1	42
27	MetaMirClust: Discovery of miRNA cluster patterns using a data-mining approach. Genomics, 2012, 100, 141-148.	2.9	40
28	MicroRNA 3' end nucleotide modification patterns and arm selection preference in liver tissues. BMC Systems Biology, 2012, 6, S14.	3.0	40
29	Comprehensive analysis of microRNAs in breast cancer. BMC Genomics, 2012, 13, S18.	2.8	38
30	Anti-inflammatory effect of resveratrol in human coronary arterial endothelial cells via induction of autophagy: implication for the treatment of Kawasaki disease. BMC Pharmacology & Toxicology, 2017, 18, 3.	2.4	38
31	MicroRNA expression profiles in human breast cancer cells after multifraction and single-dose radiation treatment. Oncology Reports, 2014, 31, 2147-2156.	2.6	37
32	Interrogation of rabbit miRNAs and their isomiRs. Genomics, 2011, 98, 453-459.	2.9	36
33	Comprehensive microRNA profiling of prostate cancer cells after ionizing radiation treatment. Oncology Reports, 2014, 31, 1067-1078.	2.6	33
34	Emerging role of microRNAs in modulating endothelin-1 expression in gastric cancer. Oncology Reports, 2015, 33, 485-493.	2.6	32
35	Microarray Study of Pathway Analysis Expression Profile Associated with MicroRNA-29a with Regard to Murine Cholestatic Liver Injuries. International Journal of Molecular Sciences, 2016, 17, 324.	4.1	32
36	Major methylation alterations on the CpG markers of inflammatory immune associated genes after IVIG treatment in Kawasaki disease. BMC Medical Genomics, 2016, 9, 37.	1.5	32

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37	Epigenetic hypomethylation and upregulation of matrix metalloproteinase 9 in Kawasaki disease. Oncotarget, 2017, 8, 60875-60891.	1.8	32
38	MicroRNA let-7-TGFBR3 signalling regulates cardiomyocyte apoptosis after infarction. EBioMedicine, 2019, 46, 236-247.	6.1	30
39	Hepcidin-Induced Iron Deficiency Is Related to Transient Anemia and Hypoferremia in Kawasaki Disease Patients. International Journal of Molecular Sciences, 2016, 17, 715.	4.1	29
40	MiR-146a-5p Expression in Peripheral CD14+ Monocytes from Patients with Psoriatic Arthritis Induces Osteoclast Activation, Bone Resorption, and Correlates with Clinical Response. Journal of Clinical Medicine, 2019, 8, 110.	2.4	29
41	Plasma Prostaglandin E2 Levels Correlated with the Prevention of Intravenous Immunoglobulin Resistance and Coronary Artery Lesions Formation via CD40L in Kawasaki Disease. PLoS ONE, 2016, 11, e0161265.	2.5	28
42	MiR-30a-5p Inhibits Epithelial-to-Mesenchymal Transition and Upregulates Expression of Tight Junction Protein Claudin-5 in Human Upper Tract Urothelial Carcinoma Cells. International Journal of Molecular Sciences, 2017, 18, 1826.	4.1	28
43	Comparison of the Functional microRNA Expression in Immune Cell Subsets of Neonates and Adults. Frontiers in Immunology, 2016, 7, 615.	4.8	27
44	HAMP promoter hypomethylation and increased hepcidin levels as biomarkers for Kawasaki disease. Journal of Molecular and Cellular Cardiology, 2018, 117, 82-87.	1.9	27
45	miRSeq: A User-Friendly Standalone Toolkit for Sequencing Quality Evaluation and miRNA Profiling. BioMed Research International, 2014, 2014, 1-8.	1.9	23
46	Blood-Bourne MicroRNA Biomarker Evaluation in Attention-Deficit/Hyperactivity Disorder of Han Chinese Individuals: An Exploratory Study. Frontiers in Psychiatry, 2018, 9, 227.	2.6	23
47	Roles of microRNA in the immature immune system of neonates. Cancer Letters, 2018, 433, 99-106.	7.2	23
48	Gray matter volume and microRNA levels in patients with attention-deficit/hyperactivity disorder. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 1037-1045.	3.2	22
49	Gene-Gene Associations with the Susceptibility of Kawasaki Disease and Coronary Artery Lesions. PLoS ONE, 2015, 10, e0143056.	2.5	20
50	The effect of <i>FcÎ³RIIA</i> and <i>FcÎ³RIIB</i> on coronary artery lesion formation and intravenous immunoglobulin treatment responses in children with Kawasaki disease. Oncotarget, 2017, 8, 2044-2052.	1.8	19
51	S100A6 Promotes B Lymphocyte Penetration Through the Bloodâ€"Brain Barrier in Autoimmune Encephalitis. Frontiers in Genetics, 2019, 10, 1188.	2.3	16
52	Identifying the potential protein biomarkers of preterm birth in amniotic fluid. Taiwanese Journal of Obstetrics and Gynecology, 2020, 59, 366-371.	1.3	15
53	Global Investigation of Immune Repertoire Suggests Kawasaki Disease Has Infectious Cause. Circulation Journal, 2019, 83, 2070-2078.	1.6	14
54	Identification and evolutionary analysis of long non-coding RNAs in zebra finch. BMC Genomics, 2017, 18, 117.	2.8	13

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55	Serum proteins may facilitate the identification of Kawasaki disease and promote in vitro neutrophil infiltration. Scientific Reports, 2020, 10, 15645.	3.3	12
56	Upregulation of miR-941 in Circulating CD14+ Monocytes Enhances Osteoclast Activation via WNT16 Inhibition in Patients with Psoriatic Arthritis. International Journal of Molecular Sciences, 2020, 21, 4301.	4.1	12
57	Gut microbiota and plasma cytokine levels in patients with attention-deficit/hyperactivity disorder. Translational Psychiatry, 2022, 12, 76.	4.8	12
58	Evaluation and Application of the Strand-Specific Protocol for Next-Generation Sequencing. BioMed Research International, 2015, 2015, 1-8.	1.9	11
59	DNA Methylation in LIME1 and SPTBN2 Genes Is Associated with Attention Deficit in Children. Children, 2021, 8, 92.	1.5	11
60	MicroRNAs serve as prediction and treatment-response biomarkers of attention-deficit/hyperactivity disorder and promote the differentiation of neuronal cells by repressing the apoptosis pathway. Translational Psychiatry, 2022, 12, 67.	4.8	11
61	Comparative proteomic analysis of extracellular secreted proteins expressed by two pathogenic Acanthamoeba castellanii clinical isolates and a non-pathogenic ATCC strain. Experimental Parasitology, 2016, 166, 60-67.	1.2	10
62	Intracellular Microbiome Profiling of the Acanthamoeba Clinical Isolates from Lens Associated Keratitis. Pathogens, 2021, 10, 266.	2.8	10
63	Co-modulated behavior and effects of differentially expressed miRNA in colorectal cancer. BMC Genomics, 2013, 14, S12.	2.8	9
64	MiRâ€‑182â€‑5p enhances in vitro neutrophil infiltration in Kawasaki disease. Molecular Genetics & Genomic Medicine, 2019, 7, e990.	1.2	9
65	CYP2E1 Gene Polymorphisms Related to the Formation of Coronary Artery Lesions in Kawasaki Disease. Pediatric Infectious Disease Journal, 2017, 36, 1039-1043.	2.0	8
66	UMARS: Un-MAppable Reads Solution. BMC Bioinformatics, 2011, 12, S9.	2.6	7
67	Low C6orf141 Expression is Significantly Associated with a Poor Prognosis in Patients with Oral Cancer. Scientific Reports, 2019, 9, 4520.	3.3	7
68	Identifying Downregulation of Autophagy Markers in Kawasaki Disease. Children, 2020, 7, 166.	1.5	7
69	Early and late effects of prenatal corticosteroid treatment on the microRNA profiles of lung tissue in rats. Experimental and Therapeutic Medicine, 2016, 11, 753-762.	1.8	6
70	HSPA4 Is a Biomarker of Placenta Accreta and Enhances the Angiogenesis Ability of Vessel Endothelial Cells. International Journal of Molecular Sciences, 2022, 23, 5682.	4.1	6
71	The effect of the disulfideisomerase domain containing protein in the defense against polyhexamethylene biguanide of highly tolerant Acanthamoeba at the trophozoite stage. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 251-257.	3.4	5
72	Mutual Interaction of Clinical Factors and Specific microRNAs to Predict Mild Cognitive Impairment in Patients Receiving Hemodialysis. Cells, 2020, 9, 2303.	4.1	4

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73	Mitochondrial haplogroups have a better correlation to insulin requirement than nuclear genetic variants for type 2 diabetes mellitus in Taiwanese individuals. Journal of Diabetes Investigation, 2022, 13, 201-208.	2.4	4
74	BST-1 as a serum protein biomarker involved in neutrophil infiltration in schizophrenia. World Journal of Biological Psychiatry, 2022, 23, 537-547.	2.6	4
75	Prediction Model for Diagnosis of Kawasaki Disease Using iTRAQ-Based Analysis. Children, 2021, 8, 576.	1.5	3
76	The Functional DNA Methylation Signatures Relevant to Altered Immune Response of Neonatal T Cells with l-Arginine Supplementation. Nutrients, 2021, 13, 2780.	4.1	3
77	TNF-Î± Activating Osteoclasts in Patients with Psoriatic Arthritis Enhances the Recruitment of Osteoclast Precursors: A Plausible Role of WNT5A-MCP-1 in Osteoclast Engagement in Psoriatic Arthritis. International Journal of Molecular Sciences, 2022, 23, 921.	4.1	3