

Silvia Liu

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,274
citations

393982

19
h-index

414034

32
g-index

49
all docs

49
docs citations

49
times ranked

1953
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive evaluation of fusion transcript detection algorithms and a meta-caller to combine top performing methods in paired-end RNA-seq data. <i>Nucleic Acids Research</i> , 2016, 44, e47-e47.	6.5	141
2	Diabetic kidney diseases revisited: A new perspective for a new era. <i>Molecular Metabolism</i> , 2019, 30, 250-263.	3.0	122
3	Inhibiting Glutamine-Dependent mTORC1 Activation Ameliorates Liver Cancers Driven by β -Catenin Mutations. <i>Cell Metabolism</i> , 2019, 29, 1135-1150.e6.	7.2	92
4	Targeting genomic rearrangements in tumor cells through Cas9-mediated insertion of a suicide gene. <i>Nature Biotechnology</i> , 2017, 35, 543-550.	9.4	91
5	Combined systemic elimination of MET and epidermal growth factor receptor signaling completely abolishes liver regeneration and leads to liver decompensation. <i>Hepatology</i> , 2016, 64, 1711-1724.	3.6	89
6	Novel Fusion Transcripts Associate with Progressive Prostate Cancer. <i>American Journal of Pathology</i> , 2014, 184, 2840-2849.	1.9	62
7	Gene Regulatory Network Analysis and Engineering Directs Development and Vascularization of Multilineage Human Liver Organoids. <i>Cell Systems</i> , 2021, 12, 41-55.e11.	2.9	59
8	Blocking integrin α 7-mediated CD4 T cell recruitment to the intestine and liver protects mice from western diet-induced non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2020, 73, 1013-1022.	1.8	47
9	12-h clock regulation of genetic information flow by XBP1s. <i>PLoS Biology</i> , 2020, 18, e3000580.	2.6	46
10	MAN2A1 α -FER Fusion Gene Is Expressed by Human Liver and Other Tumor Types and Has Oncogenic Activity in Mice. <i>Gastroenterology</i> , 2017, 153, 1120-1132.e15.	0.6	44
11	Oncogenic Activity of miR-650 in Prostate Cancer Is Mediated by Suppression of CSR1 Expression. <i>American Journal of Pathology</i> , 2015, 185, 1991-1999.	1.9	41
12	MetaOmics: analysis pipeline and browser-based software suite for transcriptomic meta-analysis. <i>Bioinformatics</i> , 2019, 35, 1597-1599.	1.8	37
13	Nuclear factor erythroid 2-related factor 2 and β -Catenin Coactivation in Hepatocellular Cancer: Biological and Therapeutic Implications. <i>Hepatology</i> , 2021, 74, 741-759.	3.6	32
14	Transcriptomic and functional studies reveal undermined chemotactic and angiostimulatory properties of aged microglia during stroke recovery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, S81-S97.	2.4	29
15	Discovery and Classification of Fusion Transcripts in Prostate Cancer and Normal Prostate Tissue. <i>American Journal of Pathology</i> , 2015, 185, 1834-1845.	1.9	26
16	NOTCH-YAP1/TEAD-DNMT1 Axis Drives Hepatocyte Reprogramming Into Intrahepatic Cholangiocarcinoma. <i>Gastroenterology</i> , 2022, 163, 449-465.	0.6	23
17	Meta-Analytic Framework for Sparse K -Means to Identify Disease Subtypes in Multiple Transcriptomic Studies. <i>Journal of the American Statistical Association</i> , 2016, 111, 27-42.	1.8	22
18	Human Mesenchymal Stem Cell-Derived Miniature Joint System for Disease Modeling and Drug Testing. <i>Advanced Science</i> , 2022, 9, e2105909.	5.6	22

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19	Combined Systemic Disruption of MET and Epidermal Growth Factor Receptor Signaling Causes Liver Failure in Normal Mice. <i>American Journal of Pathology</i> , 2018, 188, 2223-2235.	1.9	20
20	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. <i>Oncotarget</i> , 2019, 10, 3352-3360.	0.8	20
21	Serum integrative omics reveals the landscape of human diabetic kidney disease. <i>Molecular Metabolism</i> , 2021, 54, 101367.	3.0	20
22	Recent Advances in Computer-Assisted Algorithms for Cell Subtype Identification of Cytometry Data. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 234.	1.8	19
23	Four-dimensional nuclear speckle phase separation dynamics regulate proteostasis. <i>Science Advances</i> , 2022, 8, eabl4150.	4.7	16
24	Inhibition of Estrogen Sulfotransferase (SULT1E1/EST) Ameliorates Ischemic Acute Kidney Injury in Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1496-1508.	3.0	12
25	Impaired Bile Secretion Promotes Hepatobiliary Injury in Sickle Cell Disease. <i>Hepatology</i> , 2020, 72, 2165-2181.	3.6	12
26	Targeted transcriptome analysis using synthetic long read sequencing uncovers isoform reprogramming in the progression of colon cancer. <i>Communications Biology</i> , 2021, 4, 506.	2.0	10
27	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. <i>Oncotarget</i> , 2019, 10, 3352-3360.	0.8	10
28	Differential responses to immune checkpoint inhibitor dictated by pre-existing differential immune profiles in squamous cell carcinomas caused by same initial oncogenic drivers. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 123.	3.5	10
29	Meta-analytic framework for liquid association. <i>Bioinformatics</i> , 2017, 33, 2140-2147.	1.8	9
30	Engineering osteoarthritic cartilage model through differentiating senescent human mesenchymal stem cells for testing disease-modifying drugs. <i>Science China Life Sciences</i> , 2022, 65, 309-327.	2.3	9
31	WNT7B Regulates Cholangiocyte Proliferation and Function During Murine Cholestasis. <i>Hepatology Communications</i> , 2021, 5, 2019-2034.	2.0	9
32	Pten-NOLC1 fusion promotes cancers involving MET and EGFR signalings. <i>Oncogene</i> , 2021, 40, 1064-1076.	2.6	9
33	Transcriptome and Exome Analyses of Hepatocellular Carcinoma Reveal Patterns to Predict Cancer Recurrence in Liver Transplant Patients. <i>Hepatology Communications</i> , 2022, 6, 710-727.	2.0	9
34	Gestational Age-Specific Complete Blood Count Signatures in Necrotizing Enterocolitis. <i>Frontiers in Pediatrics</i> , 2021, 9, 604899.	0.9	8
35	Genomic Copy Number Variations in the Genomes of Leukocytes Predict Prostate Cancer Clinical Outcomes. <i>PLoS ONE</i> , 2015, 10, e0135982.	1.1	7
36	Detection of fusion gene transcripts in the blood samples of prostate cancer patients. <i>Scientific Reports</i> , 2021, 11, 16995.	1.6	7

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37	ADAR1 RNA editing regulates endothelial cell functions via the MDA-5 RNA sensing signaling pathway. <i>Life Science Alliance</i> , 2022, 5, e202101191.	1.3	7
38	Transcriptomic profiling of a multiethnic pediatric NAFLD cohort reveals genes and pathways associated with disease. <i>Hepatology Communications</i> , 2022, 6, 1598-1610.	2.0	6
39	The hepatocyte growth factor/c-met pathway is a key determinant of the fibrotic kidney local microenvironment. <i>IScience</i> , 2021, 24, 103112.	1.9	5
40	The Thyromimetic Sobetirome (GC-1) Alters Bile Acid Metabolism in a Mouse Model of Hepatic Cholestasis. <i>American Journal of Pathology</i> , 2020, 190, 1006-1017.	1.9	3
41	Dual β -Catenin and γ -Catenin Loss in Hepatocytes Impacts Their Polarity through Altered Transforming Growth Factor- β and Hepatocyte Nuclear Factor 4 α Signaling. <i>American Journal of Pathology</i> , 2021, 191, 885-901.	1.9	3
42	Oncogenic Activity of Solute Carrier Family 45 Member 2 and Alpha β -Methylacetyl-Coenzyme A Racemase Gene Fusion Is Mediated by Mitogen-Activated Protein Kinase. <i>Hepatology Communications</i> , 2022, 6, 209-222.	2.0	3
43	Changes in beta-catenin expression and activation during progression of primary sclerosing cholangitis predict disease recurrence. <i>Scientific Reports</i> , 2022, 12, 206.	1.6	2
44	Functional analysis of the <i>Vsx2</i> super-enhancer uncovers distinct <i>cis</i> -regulatory circuits controlling <i>Vsx2</i> expression during retinogenesis. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	2
45	NFE2L2 synergizes with beta-catenin gene mutations to induce HCC in patients and mice. <i>FASEB Journal</i> , 2019, 33, 126.12.	0.2	1
46	FGF19 and Met coactivation in murine liver induces HCC: Biological and clinical relevance. <i>FASEB Journal</i> , 2019, 33, 496.36.	0.2	0
47	Concomitant NFE2L2 and CTNNB1 mutations in a subset of HCC patients: Synergy between Nrf2 and Wnt pathway in hepatocarcinogenesis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
48	In the Absence of YAP, TAZ Contributes to Hepatocyte Adaptation in Chronic Cholestasis in Females. <i>FASEB Journal</i> , 2022, 36, .	0.2	0