Silvia Liu

List of Publications by Year
in descending order

48 papers	1,274 citations	394421 19 h-index	414414 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. Nucleic Acids Research, 2016, 44, e47-e47.	14.5	141
2	Diabetic kidney diseases revisited: A new perspective for a new era. Molecular Metabolism, 2019, 30, 250-263.	6.5	122
3	Inhibiting Glutamine-Dependent mTORC1 Activation Ameliorates Liver Cancers Driven by Î²-Catenin Mutations. Cell Metabolism, 2019, 29, 1135-1150.e6.	16.2	92
4	Targeting genomic rearrangements in tumor cells through Cas9-mediated insertion of a suicide gene. Nature Biotechnology, 2017, 35, 543-550.	17.5	91
5	Combined systemic elimination of MET and epidermal growth factor receptor signaling completely abolishes liver regeneration and leads to liver decompensation. Hepatology, 2016, 64, 1711-1724.	7.3	89
6	Novel Fusion Transcripts Associate with Progressive Prostate Cancer. American Journal of Pathology, 2014, 184, 2840-2849.	3.8	62
7	Gene Regulatory Network Analysis and Engineering Directs Development and Vascularization of Multilineage Human Liver Organoids. Cell Systems, 2021, 12, 41-55.e11.	6.2	59
8	Blocking integrin Î±4Î²7-mediated CD4 T cell recruitment to the intestine and liver protects mice from western diet-induced non-alcoholic steatohepatitis. Journal of Hepatology, 2020, 73, 1013-1022.	3.7	47
9	12-h clock regulation of genetic information flow by XBP1s. PLoS Biology, 2020, 18, e3000580.	5.6	46
10	MAN2A1â€"FER Fusion Gene Is Expressed by Human Liver and Other Tumor Types and Has Oncogenic Activity in Mice. Gastroenterology, 2017, 153, 1120-1132.e15.	1.3	44
11	Oncogenic Activity of miR-650 in Prostate Cancer Is Mediated by Suppression of CSR1 Expression. American Journal of Pathology, 2015, 185, 1991-1999.	3.8	41
12	MetaOmics: analysis pipeline and browser-based software suite for transcriptomic meta-analysis. Bioinformatics, 2019, 35, 1597-1599.	4.1	37
13	Nuclear factor erythroid 2â€"related factor 2 and Î²â€"Catenin Coactivation in Hepatocellular Cancer: Biological and Therapeutic Implications. Hepatology, 2021, 74, 741-759.	7.3	32
14	Transcriptomic and functional studies reveal undermined chemotactic and angiostimulatory properties of aged microglia during stroke recovery. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, S81-S97.	4.3	29
15	Discovery and Classification of Fusion Transcripts in Prostate Cancer and Normal Prostate Tissue. American Journal of Pathology, 2015, 185, 1834-1845.	3.8	26
16	NOTCH-YAP1/TEAD-DNMT1 Axis Drives Hepatocyte Reprogramming Into Intrahepatic Cholangiocarcinoma. Gastroenterology, 2022, 163, 449-465.	1.3	23
17	Meta-Analytic Framework for Sparse <i>K</i>-Means to Identify Disease Subtypes in Multiple Transcriptomic Studies. Journal of the American Statistical Association, 2016, 111, 27-42.	3.1	22
18	Human Mesenchymal Stem Cellâ€"Derived Miniature Joint System for Disease Modeling and Drug Testing. Advanced Science, 2022, 9, e2105909.	11.2	22

#	Article	IF	Citations
19	Combined Systemic Disruption of MET and Epidermal Growth Factor Receptor Signaling Causes Liver Failure in Normal Mice. American Journal of Pathology, 2018, 188, 2223-2235.	3.8	20
20	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. Oncotarget, 2019, 10, 3352-3360.	1.8	20
21	Serum integrative omics reveals the landscape of human diabetic kidney disease. Molecular Metabolism, 2021, 54, 101367.	6.5	20
22	Recent Advances in Computer-Assisted Algorithms for Cell Subtype Identification of Cytometry Data. Frontiers in Cell and Developmental Biology, 2020, 8, 234.	3.7	19
23	Four-dimensional nuclear speckle phase separation dynamics regulate proteostasis. Science Advances, 2022, 8, eabl4150.	10.3	16
24	Inhibition of Estrogen Sulfotransferase (SULT1E1/EST) Ameliorates Ischemic Acute Kidney Injury in Mice. Journal of the American Society of Nephrology: JASN, 2020, 31, 1496-1508.	6.1	12
25	Impaired Bile Secretion Promotes Hepatobiliary Injury in Sickle Cell Disease. Hepatology, 2020, 72, 2165-2181.	7.3	12
26	Targeted transcriptome analysis using synthetic long read sequencing uncovers isoform reprograming in the progression of colon cancer. Communications Biology, 2021, 4, 506.	4.4	10
27	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. Oncotarget, 2019, 10, 3352-3360.	1.8	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. Journal of Experimental and Clinical Cancer Research, 2022, 41, 123.	8.6	10
29	Meta-analytic framework for liquid association. Bioinformatics, 2017, 33, 2140-2147.	4.1	9
30	Engineering osteoarthritic cartilage model through differentiating senescent human mesenchymal stem cells for testing disease-modifying drugs. Science China Life Sciences, 2022, 65, 309-327.	4.9	9
31	WNT7B Regulates Cholangiocyte Proliferation and Function During Murine Cholestasis. Hepatology Communications, 2021, 5, 2019-2034.	4.3	9
32	Pten-NOLC1 fusion promotes cancers involving MET and EGFR signalings. Oncogene, 2021, 40, 1064-1076.	5.9	9
33	Transcriptome and Exome Analyses of Hepatocellular Carcinoma Reveal Patterns to Predict Cancer Recurrence in Liver Transplant Patients. Hepatology Communications, 2022, 6, 710-727.	4.3	9
34	Gestational Age-Specific Complete Blood Count Signatures in Necrotizing Enterocolitis. Frontiers in Pediatrics, 2021, 9, 604899.	1.9	8
35	Genomic Copy Number Variations in the Genomes of Leukocytes Predict Prostate Cancer Clinical Outcomes. PLoS ONE, 2015, 10, e0135982.	2.5	7
36	Detection of fusion gene transcripts in the blood samples of prostate cancer patients. Scientific Reports, 2021, 11, 16995.	3.3	7

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37	ADAR1 RNA editing regulates endothelial cell functions via the MDA-5 RNA sensing signaling pathway. Life Science Alliance, 2022, 5, e202101191.	2.8	7
38	Transcriptomic profiling of a multiethnic pediatric NAFLD cohort reveals genes and pathways associated with disease. Hepatology Communications, 2022, 6, 1598-1610.	4.3	6
39	The hepatocyte growth factor/c-met pathway is a key determinant of the fibrotic kidney local microenvironment. IScience, 2021, 24, 103112.	4.1	5
40	The Thyromimetic Sobetirome (GC-1) Alters Bile Acid Metabolism in a Mouse Model of Hepatic Cholestasis. American Journal of Pathology, 2020, 190, 1006-1017.	3.8	3
41	Dual Î²-Catenin and Î³-Catenin Loss in Hepatocytes Impacts Their Polarity through Altered Transforming Growth Factor-Î² and Hepatocyte Nuclear Factor 4Î± Signaling. American Journal of Pathology, 2021, 191, 885-901.	3.8	3
42	Oncogenic Activity of Solute Carrier Family 45 Member 2 and Alphaâ€Methylacylâ€Coenzyme A Racemase Gene Fusion Is Mediated by Mitogenâ€Activated Protein Kinase. Hepatology Communications, 2022, 6, 209-222.	4.3	3
43	Changes in beta-catenin expression and activation during progression of primary sclerosing cholangitis predict disease recurrence. Scientific Reports, 2022, 12, 206.	3.3	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. Development (Cambridge), 2022, 149, .	2.5	2
45	NFE2L2 synergizes with betaâ€catenin gene mutations to induce HCC in patients and mice. FASEB Journal, 2019, 33, 126.12.	0.5	1
46	FGF19 and Met coâ€activation in murine liver induces HCC: Biological and clinical relevance. FASEB Journal, 2019, 33, 496.36.	0.5	0
47	Concomitant NFE2L2 and CTNNB1 mutations in a subset of HCC patients: Synergy between Nrf2 and Wnt pathway in hepatocarcinogenesis. FASEB Journal, 2020, 34, 1-1.	0.5	0
48	In the Absence of YAP, TAZ Contributes to Hepatocyte Adaptation in Chronic Cholestasis in Females. FASEB Journal, 2022, 36, .	0.5	0