## Yun Liu

## List of Publications by Year in descending order

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119 papers	5,527 citations	32 h-index	91872 69 g-index
130	130	130	11604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increased methylation variation in epigenetic domains across cancer types. Nature Genetics, 2011, 43, 768-775.	21.4	968
2	Epigenome-wide association data implicate DNA methylation as an intermediary of genetic risk in rheumatoid arthritis. Nature Biotechnology, 2013, 31, 142-147.	17.5	874
3	DNA methylation in human diseases. Genes and Diseases, 2018, 5, 1-8.	3.4	267
4	A Plant Homeodomain in Rag-2 that Binds Hypermethylated Lysine 4 of Histone H3 Is Necessary for Efficient Antigen-Receptor-Gene Rearrangement. Immunity, 2007, 27, 561-571.	14.3	236
5	<i>KLB</i> is associated with alcohol drinking, and its gene product $\hat{I}^2$ -Klotho is necessary for FGF21 regulation of alcohol preference. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14372-14377.	7.1	208
6	Three-Dimensional, Chemically Bonded Polypyrrole/Bacterial Cellulose/Graphene Composites for High-Performance Supercapacitors. Chemistry of Materials, 2015, 27, 7034-7041.	6.7	153
7	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. Nature Communications, 2018, 9, 2397.	12.8	147
8	Sandwich-structured MnO <sub>2</sub> /polypyrrole/reduced graphene oxide hybrid composites for high-performance supercapacitors. RSC Advances, 2014, 4, 9898-9904.	3.6	113
9	The Nuclear Matrix Protein SAFB Cooperates with Major Satellite RNAs to Stabilize Heterochromatin Architecture Partially through Phase Separation. Molecular Cell, 2020, 77, 368-383.e7.	9.7	104
10	GeMes, Clusters of DNA Methylation under Genetic Control, Can Inform Genetic and Epigenetic Analysis of Disease. American Journal of Human Genetics, 2014, 94, 485-495.	6.2	93
11	Facile synthesis of bacterial cellulose fibres covalently intercalated with graphene oxide by one-step cross-linking for robust supercapacitors. Journal of Materials Chemistry C, 2015, 3, 1011-1017.	5.5	93
12	Whole-genome analysis of the methylome and hydroxymethylome in normal and malignant lung and liver. Genome Research, 2016, 26, 1730-1741.	<b>5.</b> 5	91
13	The nuclear matrix protein HNRNPU maintains 3D genome architecture globally in mouse hepatocytes. Genome Research, 2018, 28, 192-202.	5 <b>.</b> 5	91
14	IL-10-producing regulatory B-cells suppressed effector T-cells but enhanced regulatory T-cells in chronic HBV infection. Clinical Science, 2016, 130, 907-919.	4.3	81
15	An Increasing Prominent Disease of <i>Klebsiella pneumoniae </i> Liver Abscess: Etiology, Diagnosis, and Treatment. Gastroenterology Research and Practice, 2013, 2013, 1-12.	1.5	80
16	Mechanism of Juglone-Induced Cell Cycle Arrest and Apoptosis in Ishikawa Human Endometrial Cancer Cells. Journal of Agricultural and Food Chemistry, 2019, 67, 7378-7389.	5.2	67
17	Biomimetic 3D bacterial cellulose-graphene foam hybrid scaffold regulates neural stem cell proliferation and differentiation. Colloids and Surfaces B: Biointerfaces, 2021, 200, 111590.	5.0	67
18	The ROS-mediated activation of STAT-3/VEGF signaling is involved in the 27-hydroxycholesterol-induced angiogenesis in human breast cancer cells. Toxicology Letters, 2016, 264, 79-86.	0.8	55

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19	Smoking induces DNA methylation changes in Multiple Sclerosis patients with exposure-response relationship. Scientific Reports, 2017, 7, 14589.	3.3	55
20	Reduced Fetal Telomere Length in Gestational Diabetes. PLoS ONE, 2014, 9, e86161.	2.5	52
21	miR-182 Regulates Metabolic Homeostasis by Modulating Glucose Utilization in Muscle. Cell Reports, 2016, 16, 757-768.	6.4	51
22	Effective Surface Plasmon Polaritons Induced by Modal Dispersion in a Waveguide. Physical Review Applied, 2017, 7, .	3.8	49
23	DNA methylation mediates genotype and smoking interaction in the development of anti-citrullinated peptide antibody-positive rheumatoid arthritis. Arthritis Research and Therapy, 2017, 19, 71.	3.5	48
24	Tobacco smoking induces changes in true DNA methylation, hydroxymethylation and gene expression in bronchoalveolar lavage cells. EBioMedicine, 2019, 46, 290-304.	6.1	48
25	3, 3′-diindolylmethane alleviates steatosis and the progression of NASH partly through shifting the imbalance of Treg/Th17 cells to Treg dominance. International Immunopharmacology, 2014, 23, 489-498.	3.8	47
26	Genome-wide DNA methylation profiling in infants born to gestational diabetes mellitus. Diabetes Research and Clinical Practice, 2018, 142, 10-18.	2.8	47
27	Enalapril overcomes chemoresistance and potentiates antitumor efficacy of 5-FU in colorectal cancer by suppressing proliferation, angiogenesis, and NF-κB/STAT3-regulated proteins. Cell Death and Disease, 2020, 11, 477.	6.3	47
28	Tandem Insertion–[1,3]â€Rearrangement: Highly Enantioselective Construction of αâ€Aminoketones. Angewandte Chemie - International Edition, 2020, 59, 8052-8056.	13.8	47
29	Development and Application of Cochlear Implant-Based Electric-Acoustic Stimulation of Spiral Ganglion Neurons. ACS Biomaterials Science and Engineering, 2019, 5, 6735-6741.	<b>5.</b> 2	45
30	27-Hydroxycholesterol induces invasion and migration of breast cancer cells by increasing MMP9 and generating EMT through activation of STAT-3. Environmental Toxicology and Pharmacology, 2017, 51, 1-8.	4.0	44
31	The repressive effect of miR-148a on Wnt/ $\hat{l}^2$ -catenin signaling involved in Glabridin-induced anti-angiogenesis in human breast cancer cells. BMC Cancer, 2017, 17, 307.	2.6	39
32	Determination of local chromatin interactions using a combined CRISPR and peroxidase APEX2 system. Nucleic Acids Research, 2019, 47, e52-e52.	14.5	37
33	An Autoregulatory Mechanism Imposes Allosteric Control on the V(D)J Recombinase by Histone H3 Methylation. Cell Reports, 2015, 10, 29-38.	6.4	35
34	Cyclodextrin-clicked silica/CdTe fluorescent nanoparticles for enantioselective recognition of amino acids. Nanoscale, 2016, 8, 5621-5626.	5.6	34
35	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. Molecular Psychiatry, 2021, 26, 3884-3895.	7.9	34
36	Aspirin suppresses chemoresistance and enhances antitumor activity of 5-Fu in 5-Fu-resistant colorectal cancer by abolishing 5-Fu-induced NF-κB activation. Scientific Reports, 2019, 9, 16937.	3.3	32

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37	HMGB1-induced autophagy: a new pathway to maintain Treg function during chronic hepatitis B virus infection. Clinical Science, 2017, 131, 381-394.	4.3	30
38	Loci with genome-wide associations with schizophrenia in the Han Chinese population. British Journal of Psychiatry, 2015, 207, 490-494.	2.8	29
39	Preparation, morphology, and conductivity of waterborne, nanostructured, cationic polyurethane/polypyrrole conductive coatings. Journal of Applied Polymer Science, 2015, 132, .	2.6	29
40	Plumbagin induces Ishikawa cell cycle arrest, autophagy, and apoptosis via the PI3K/Akt signaling pathway in endometrial cancer. Food and Chemical Toxicology, 2021, 148, 111957.	3.6	28
41	Evolutionary suppression of erythropoiesis via the modulation of ⟨scp⟩TGF⟨/scp⟩â€Î² signalling in an Antarctic icefish. Molecular Ecology, 2015, 24, 4664-4678.	3.9	27
42	Transcriptomic profiling of neural stem cell differentiation on graphene substrates. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110324.	5.0	27
43	Prenatal Nutritional Deficiency Reprogrammed Postnatal Gene Expression in Mammal Brains: Implications for Schizophrenia. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	26
44	Oestrogen receptor $\hat{l}^2$ regulates epigenetic patterns at specific genomic loci through interaction with thymine DNA glycosylase. Epigenetics and Chromatin, 2016, 9, 7.	3.9	25
45	Restoring homeostasis of CD4 <sup>+</sup> T cells in hepatitis-B-virus-related liver fibrosis. World Journal of Gastroenterology, 2015, 21, 10721.	3.3	25
46	Sex-related DNA methylation differences in B cell chronic lymphocytic leukemia. Biology of Sex Differences, 2019, 10, 2.	4.1	23
47	Flood Risk Assessment Based on Fuzzy Synthetic Evaluation Method in the Beijing-Tianjin-Hebei Metropolitan Area, China. Sustainability, 2020, 12, 1451.	3.2	23
48	Exome sequencing identifies a de novo mutation in HDAC8 associated with Cornelia de Lange syndrome. Journal of Human Genetics, 2014, 59, 536-539.	2.3	22
49	Spectrum of <i>PALB2</i> germline mutations and characteristics of <i>PALB2</i> â€related breast cancer: Screening of 16,501 unselected patients with breast cancer and 5890 controls by nextâ€generation sequencing. Cancer, 2020, 126, 3202-3208.	4.1	22
50	Quadâ€band bandpass filter design by embedding dualâ€band bandpass filter with dualâ€mode notch elements. Electronics Letters, 2014, 50, 1719-1720.	1.0	21
51	Leukocyte telomere length is associated with advanced age-related macular degeneration in the Han Chinese population. Experimental Gerontology, 2015, 69, 36-40.	2.8	19
52	DNA hypomethylation of a transcription factor binding site within the promoter of a gout risk gene NRBP1 upregulates its expression by inhibition of TFAP2A binding. Clinical Epigenetics, 2017, 9, 99.	4.1	19
53	Tofacitinib for the treatment of antineutrophil cytoplasm antibody-associated vasculitis: a pilot study. Annals of the Rheumatic Diseases, 2021, 80, 1631-1633.	0.9	19
54	Genotype-dependent epigenetic regulation of DLGAP2 in alcohol use and dependence. Molecular Psychiatry, 2021, 26, 4367-4382.	7.9	18

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55	Tofacitinib for treatment in immune-mediated myocarditis: The first reported cases. Journal of Oncology Pharmacy Practice, 2021, 27, 739-746.	0.9	18
56	Monosubstituted dually cationic cyclodextrins for stronger chiral recognition. RSC Advances, 2012, 2, 5088.	3.6	17
57	Hypermethylated Epidermal growth factor receptor (EGFR) promoter is associated with gastric cancer. Scientific Reports, 2015, 5, 10154.	3.3	16
58	Longitudinal monitoring of liver fibrosis status by transient elastography in chronic hepatitis B patients during long-term entecavir treatment. Clinical and Experimental Medicine, 2018, 18, 433-443.	3.6	16
59	Predictors of relapse after cessation of nucleos(t)ide analog treatment in HBeAg-negative chronic hepatitis B patients: A meta-analysis. International Journal of Infectious Diseases, 2019, 86, 201-207.	3.3	16
60	Superhydrophobic Composite Cotton Generated from Raspberry-like Nanoparticles and Their Applications in Oil/Water Separation. Industrial & Engineering Chemistry Research, 2020, 59, 16305-16311.	3.7	16
61	Precision Medicine: What Challenges Are We Facing?. Genomics, Proteomics and Bioinformatics, 2016, 14, 253-261.	6.9	15
62	Activated hepatic stellate cells directly induce pathogenic Th17 cells in chronic hepatitis B virus infection. Experimental Cell Research, 2017, 359, 129-137.	2.6	14
63	Thermal behaviour of walnut shells by thermogravimetry with gas chromatography–mass spectrometry analysis. Royal Society Open Science, 2018, 5, 180331.	2.4	14
64	Facile synthesis of porous carbon materials with extra high nitrogen content for supercapacitor electrodes. New Journal of Chemistry, 2019, 43, 3713-3718.	2.8	14
65	Allele-Specific Methylation of <i>SPDEF</i> : A Novel Moderator of Psychosocial Stress and Substance Abuse. American Journal of Psychiatry, 2019, 176, 146-155.	7.2	14
66	Effectiveness and safety of methotrexate <i>versus</i> leflunomide in 12-month treatment for Takayasu arteritis. Therapeutic Advances in Chronic Disease, 2020, 11, 204062232097523.	2.5	14
67	Methylation silencing of TGF- $\hat{l}^2$ receptor type II is involved in malignant transformation of esophageal squamous cell carcinoma. Clinical Epigenetics, 2020, 12, 25.	4.1	14
68	Diastereodivergent Synthesis of Chiral α-Aminoketones via a Catalytic O–H Insertion/Barnes–Claisen Rearrangement Reaction. ACS Catalysis, 2022, 12, 1784-1790.	11.2	14
69	Yeast two-hybrid junk sequences contain selected linear motifs. Nucleic Acids Research, 2011, 39, e128-e128.	14.5	12
70	Experimental validation of candidate schizophrenia gene CALN1 as a target for microRNA-137. Neuroscience Letters, 2015, 602, 110-114.	2.1	12
71	Tandem Insertion–[1,3]â€Rearrangement: Highly Enantioselective Construction of αâ€Aminoketones. Angewandte Chemie, 2020, 132, 8129-8133.	2.0	12
72	Biochemical analyses of a novel thermostable GH5 endo $\hat{1}^2$ -1,4-mannanase with minor $\hat{1}^2$ -1,4-glucosidic cleavage activity from Bacillus sp. KW1 and its synergism with a commercial $\hat{1}^4$ -galactosidase on galactomannan hydrolysis. International Journal of Biological Macromolecules, 2021, 166, 778-788.	7.5	12

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73	CHCHD10 Modulates Thermogenesis of Adipocytes by Regulating Lipolysis. Diabetes, 2022, 71, 1862-1879.	0.6	12
74	The Protective Effects of Helix B Surface Peptide on Experimental Acute Liver Injury Induced by Carbon Tetrachloride. Digestive Diseases and Sciences, 2017, 62, 1537-1549.	2.3	11
75	Safety and tolerability of high-dose ulinastatin after 2-hour intravenous infusion in adult healthy Chinese volunteers: A randomized, double-blind, placebo-controlled, ascending-dose study. PLoS ONE, 2017, 12, e0177425.	2.5	11
76	Comparative analysis of tumor†associated vascular changes following TACE alone or in combination with sorafenib treatment in HCC: A retrospective study. Oncology Letters, 2018, 16, 3690-3698.	1.8	11
77	Two-Photon Image Tracking of Neural Stem Cells via Iridium Complexes Encapsulated in Polymeric Nanospheres. ACS Biomaterials Science and Engineering, 2019, 5, 1561-1568.	5.2	11
78	Profiling the Gene Expression and DNA Methylation in the Mouse Brain after Ischemic Preconditioning. Neuroscience, 2019, 406, 249-261.	2.3	11
79	Frequent RNF43 mutation contributes to moderate activation of Wnt signaling in colorectal signet-ring cell carcinoma. Protein and Cell, 2020, 11, 292-298.	11.0	11
80	Tumor suppressor CEBPA interacts with and inhibits DNMT3A activity. Science Advances, 2022, 8, eabl5220.	10.3	11
81	The Cortical Neuroimmune Regulator TANK Affects Emotional Processing and Enhances Alcohol Drinking: A Translational Study. Cerebral Cortex, 2019, 29, 1736-1751.	2.9	10
82	Advancements in medical and surgical treatments of Takayasu arteritis-induced renal arteritis: a systematic review. Chinese Medical Journal, 2020, 133, 975-981.	2.3	10
83	Molecular characterization of ovary-specific gene Mrfem-1 and siRNA-mediated regulation on targeting Mrfem-1 in the giant freshwater prawn, Macrobrachium rosenbergii. Gene, 2020, 754, 144891.	2.2	9
84	Pyrite Passivation by Triethylenetetramine: An Electrochemical Study. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-8.	1.6	8
85	Synergistic effect of carboxymethylcellulose and Cryptococcus laurentii on suppressing green mould of postharvest grapefruit and its mechanism. International Journal of Biological Macromolecules, 2021, 181, 253-262.	<b>7.</b> 5	8
86	Alteration in methylation level at differential methylated regions of MEST and DLK1 in fetus of preeclampsia. Hypertension in Pregnancy, 2018, 37, 1-8.	1.1	7
87	Insights into the Catalytic Mechanism of a Novel XynA and Structure-Based Engineering for Improving Bifunctional Activities. Biochemistry, 2021, 60, 2071-2083.	2.5	7
88	Altered DNA methylation pattern reveals epigenetic regulation of Hox genes in thoracic aortic dissection and serves as a biomarker in disease diagnosis. Clinical Epigenetics, 2021, 13, 124.	4.1	7
89	Structure and thermal behaviors of poly(vinyl alcohol)/surfactant composites: Investigation of molecular interaction and mechanism. Polymers for Advanced Technologies, 2018, 29, 2224-2229.	3.2	6
90	Vacuum impregnation and drying of ironâ€fortified water chestnuts. Journal of Food Processing and Preservation, 2019, 43, e14260.	2.0	6

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91	Autologous bionic tissue for inguinal hernia repair. Journal of Biomedical Materials Research - Part A, 2020, 108, 1351-1368.	4.0	6
92	Isogenic human pluripotent stem cell disease models reveal ABRA deficiency underlies cTnT mutation-induced familial dilated cardiomyopathy. Protein and Cell, 2021, , 1.	11.0	6
93	CBFB-MYH11 Fusion Sequesters RUNX1 in Cytoplasm to Prevent DNMT3A Recruitment to Target Genes in AML. Frontiers in Cell and Developmental Biology, 2021, 9, 675424.	3.7	6
94	Temporal and Spatial Regulation of $V(D)J$ Recombination: Interactions of Extrinsic Factors with the RAG Complex. Advances in Experimental Medicine and Biology, 2009, 650, 157-165.	1.6	6
95	Occupational lead exposure on genome-wide DNA methylation and DNA damage. Environmental Pollution, 2022, 304, 119252.	<b>7.</b> 5	6
96	Associations of DNA Methylation With Behavioral Problems, Gray Matter Volumes, and Negative Life Events Across Adolescence: Evidence From the Longitudinal IMAGEN Study. Biological Psychiatry, 2023, 93, 342-351.	1.3	6
97	Clicked AC regioisomer cationic cyclodextrins for enantioseparation. RSC Advances, 2014, 4, 54512-54516.	3.6	5
98	Optimization of extraction process and antioxidant activities of saponins from Camellia fascicularis leaves. Journal of Food Measurement and Characterization, 2021, 15, 1889-1898.	3.2	5
99	Preparation of a promising whole cell biocatalyst of <i>Geotrichum</i> sp. lipase and its properties. Journal of Chemical Technology and Biotechnology, 2012, 87, 498-504.	3.2	4
100	Reinforcement Learning-Based Detection for State Estimation Under False Data Injection. IEEE Access, 2021, 9, 66498-66508.	4.2	4
101	Synthesis method of lumped dual-band filters with controllable bandwidths. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 75-80.	1.2	3
102	Multiple Dose Pharmacokinetics and Safety of Sulcardine Sulfate in Healthy Chinese Male Subjects: An Open-Label Phase I Clinical Study. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 593-599.	1.6	3
103	The development of an extra-anatomic tissue-engineered artery with collateral arteries for therapeutic angiogenesis in ischemic hind limb. Scientific Reports, 2018, 8, 4627.	3.3	3
104	A polyaniline inverse opal/nanofiber network film fabricated at an air–water interface. New Journal of Chemistry, 2018, 42, 12960-12967.	2.8	3
105	Pharmacokinetics, safety, and tolerability of sulcardine sulfate: an openâ€label, singleâ€dose, randomized study in healthy Chinese subjects. Fundamental and Clinical Pharmacology, 2017, 31, 120-125.	1.9	2
106	Synthesis of Polypyrrole Inverse Opals through an Air–Water Interface Polymerization Method and Their Application in Dyeâ€Sensitized Solar Cells. Macromolecular Chemistry and Physics, 2018, 219, 1700489.	2.2	2
107	Longitudinal monitoring of liver stiffness by acoustic radiation force impulse imaging in patients with chronic hepatitisÂB receiving entecavir. Clinics and Research in Hepatology and Gastroenterology, 2018, 42, 227-236.	1.5	2
108	Entecavirâ€induced interferonâ€î»1 suppresses type 2 innate lymphoid cells in patients with hepatitis B virusâ€related liver cirrhosis. Journal of Viral Hepatitis, 2021, 28, 795-808.	2.0	2

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109	Risk assessment model for heart failure in Chinese patients with Takayasu's arteritis. Clinical Rheumatology, 2021, 40, 4117-4126.	2.2	2
110	Antimicrobial Metabolites from Endophytic <i>Streptomyces</i> sp. YIM61470. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	1
111	DNA Methylation of the MHC Region in Rheumatoid Arthritis: Perspectives and Challenges. Journal of Rheumatology, 2020, 47, 1597-1599.	2.0	1
112	Resonance Problem and Harmonic Analysis of Dielectric Barrier Discharge. , 2010, , .		0
113	Effect of Length on Nitrogen Oxide Removal With a Dielectric Barrier Discharge Reactor. , 2010, , .		O
114	Effect of NO Concentration on Effectiveness of Barrier Discharge Treatment Flue Gas Pollutants. , 2010, , .		0
115	Response to " <i>FTO</i> Gene Polymorphisms Are Associated With Obesity and Type 2 Diabetes in East Asian Populations: An Update― Obesity, 2011, 19, 238-238.	3.0	O
116	Two Novel Phenethylamine Alkaloids from <i>Streptomyces</i> sp. YIM10049. Natural Product Communications, 2012, 7, 1934578X1200701.	0.5	0
117	Effects of a High-fat Meal on the Pharmacokinetics of the VEGFR Inhibitor Fruquintinib: A Randomized Phase I Study in Healthy Subjects. Clinical Therapeutics, 2019, 41, 1537-1544.	2.5	O
118	Bioequivalence and Safety of Levetiracetam Granules and Oral Solution: A Randomized, Singleâ€Dose, 2â€Period Crossover Study in Healthy Chinese Volunteers Under a Fasting Condition. Clinical Pharmacology in Drug Development, 2022, 11, 372-378.	1.6	0
119	Eosinophilic granulomatosis with polyangiitis is associated with hepatitis B virus infection. Clinical Rheumatology, 2022, , .	2.2	O