

# Junyan Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,395  
citations

346980

22  
h-index

299063

42  
g-index

53  
all docs

53  
docs citations

53  
times ranked

5024  
citing authors

#	ARTICLE	IF	CITATIONS
1	IGLV3-21R110 identifies an aggressive biological subtype of chronic lymphocytic leukemia with intermediate epigenetics. <i>Blood</i> , 2021, 137, 2935-2946.	0.6	49
2	Discovery of novel ceramide analogs with favorable pharmacokinetic properties and combination with AKT inhibitor against colon cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113274.	2.6	3
3	Control of PD-L1 expression in CLL-cells by stromal triggering of the Notch-c-Myc-EZH2 oncogenic signaling axis. , 2021, 9, e001889.		15
4	The balance between the intronic miR-342 and its host gene <i>Evl</i> determines hematopoietic cell fate decision. <i>Leukemia</i> , 2021, 35, 2948-2963.	3.3	9
5	The Protein Landscape of Chronic Lymphocytic Leukemia (CLL). <i>Blood</i> , 2021, , .	0.6	17
6	Multi-omics reveals clinically relevant proliferative drive associated with mTOR-MYC-OXPHOS activity in chronic lymphocytic leukemia. <i>Nature Cancer</i> , 2021, 2, 853-864.	5.7	32
7	SAMHD1 mutations in mantle cell lymphoma are recurrent and confer in vitro resistance to nucleoside analogues. <i>Leukemia Research</i> , 2021, 107, 106608.	0.4	6
8	A Sphingosine-1-Phosphate Modulator Ameliorates Polycystic Kidney Disease in Han:SPRD Rats. <i>American Journal of Nephrology</i> , 2020, 51, 1-10.	1.4	10
9	The proliferative history shapes the DNA methylome of B-cell tumors and predicts clinical outcome. <i>Nature Cancer</i> , 2020, 1, 1066-1081.	5.7	51
10	Reduction of Liver Metastasis Stiffness Improves Response to Bevacizumab in Metastatic Colorectal Cancer. <i>Cancer Cell</i> , 2020, 37, 800-817.e7.	7.7	179
11	Survey of ex vivo drug combination effects in chronic lymphocytic leukemia reveals synergistic drug effects and genetic dependencies. <i>Leukemia</i> , 2020, 34, 2934-2950.	3.3	16
12	Identification of two DNA methylation subtypes of Waldenström's macroglobulinemia with plasma and memory B cell features. <i>Blood</i> , 2020, 136, 585-595.	0.6	10
13	IgCaller for reconstructing immunoglobulin gene rearrangements and oncogenic translocations from whole-genome sequencing in lymphoid neoplasms. <i>Nature Communications</i> , 2020, 11, 3390.	5.8	24
14	Targeting the N Terminus of eIF4AI for Inhibition of Its Catalytic Recycling. <i>Cell Chemical Biology</i> , 2019, 26, 1417-1426.e5.	2.5	7
15	Developmental subtypes assessed by DNA methylation-iPLEX forecast the natural history of chronic lymphocytic leukemia. <i>Blood</i> , 2019, 134, 688-698.	0.6	26
16	MDM4 Is Targeted by 1q Gain and Drives Disease in Burkitt Lymphoma. <i>Cancer Research</i> , 2019, 79, 3125-3138.	0.4	19
17	Energy metabolism is co-determined by genetic variants in chronic lymphocytic leukemia and influences drug sensitivity. <i>Haematologica</i> , 2019, 104, 1830-1840.	1.7	17
18	Ex-Vivo Drug Response Profiling for Tailoring Treatment in Hematologic Malignancies: The Prospective Non-Interventional SMART-Trial. <i>Blood</i> , 2019, 134, 376-376.	0.6	1

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19	TRRAP is essential for regulating the accumulation of mutant and wild-type p53 in lymphoma. <i>Blood</i> , 2018, 131, 2789-2802.	0.6	25
20	Inhibition of Eukaryotic Translation by the Antitumor Natural Product Agelastatin A. <i>Cell Chemical Biology</i> , 2017, 24, 605-613.e5.	2.5	41
21	Drug-perturbation-based stratification of blood cancer. <i>Journal of Clinical Investigation</i> , 2017, 128, 427-445.	3.9	124
22	Identification of novel EZH2 inhibitors through pharmacophore-based virtual screening and biological assays. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3813-3817.	1.0	18
23	A computational investigation on the substrate preference of ten-eleven-translocation 2 (TET2). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4728-4738.	1.3	21
24	Identification of Novel Disruptor of Telomeric Silencing 1-like (DOT1L) Inhibitors through Structure-Based Virtual Screening and Biological Assays. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 527-534.	2.5	27
25	Network modelling reveals the mechanism underlying colitis-associated colon cancer and identifies novel combinatorial anti-cancer targets. <i>Scientific Reports</i> , 2015, 5, 14739.	1.6	49
26	A gating mechanism for Pi release governs the mRNA unwinding by eIF4AI during translation initiation. <i>Nucleic Acids Research</i> , 2015, 43, gkv1033.	6.5	6
27	Discovery and Optimization of Novel, Selective Histone Methyltransferase SET7 Inhibitors by Pharmacophore- and Docking-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8166-8181.	2.9	59
28	Structural insight into substrate preference for TET-mediated oxidation. <i>Nature</i> , 2015, 527, 118-122.	18.7	213
29	Inhibition of human copper trafficking by a small molecule significantly attenuates cancer cell proliferation. <i>Nature Chemistry</i> , 2015, 7, 968-979.	6.6	205
30	FTY720 Induces Apoptosis of M2 Subtype Acute Myeloid Leukemia Cells by Targeting Sphingolipid Metabolism and Increasing Endogenous Ceramide Levels. <i>PLoS ONE</i> , 2014, 9, e103033.	1.1	40
31	Molecular Dynamics Simulation Driven Design of a Protease Responsive Probe for In Vivo Tumor Imaging. <i>Advanced Materials</i> , 2014, 26, 8174-8178.	11.1	26
32	Active, phosphorylated fingolimod inhibits histone deacetylases and facilitates fear extinction memory. <i>Nature Neuroscience</i> , 2014, 17, 971-980.	7.1	178
33	Astemizole Arrests the Proliferation of Cancer Cells by Disrupting the EZH2-EED Interaction of Polycomb Repressive Complex 2. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9512-9521.	2.9	96
34	Catalytic Mechanism of Histone Acetyltransferase p300: From the Proton Transfer to Acetylation Reaction. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2009-2019.	1.2	28
35	Application of Epigenome Modifying Small Molecules in Induced Pluripotent Stem Cells. <i>Medicinal Research Reviews</i> , 2013, 33, 790-822.	5.0	14
36	A quantum mechanics/molecular mechanics study on the hydrolysis mechanism of New Delhi metallo- $\beta$ -lactamase-1. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 247-256.	1.3	36

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37	Helix Unfolding/Refolding Characterizes the Functional Dynamics of Staphylococcus aureus Clp Protease. <i>Journal of Biological Chemistry</i> , 2013, 288, 17643-17653.	1.6	49
38	Structure-based computational study of the hydrolysis of New Delhi metallo- $\beta$ -lactamase-1. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 2-7.	1.0	12
39	Theoretical Insights into Catalytic Mechanism of Protein Arginine Methyltransferase 1. <i>PLoS ONE</i> , 2013, 8, e72424.	1.1	17
40	Thymine DNA glycosylase specifically recognizes 5-carboxylcytosine-modified DNA. <i>Nature Chemical Biology</i> , 2012, 8, 328-330.	3.9	273
41	Development of a novel class of B-RafV600E-selective inhibitors through virtual screening and hierarchical hit optimization. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7402.	1.5	20
42	Computational drug discovery. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1131-1140.	2.8	238
43	Investigation of the Acetylation Mechanism by GCN5 Histone Acetyltransferase. <i>PLoS ONE</i> , 2012, 7, e36660.	1.1	32
44	Catalytic Mechanism Investigation of Lysine-Specific Demethylase 1 (LSD1): A Computational Study. <i>PLoS ONE</i> , 2011, 6, e25444.	1.1	42