

Juan Xu

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

4,069
citations

145106

33
h-index

145109

60
g-index

88
all docs

88
docs citations

88
times ranked

5665
citing authors

#	ARTICLE	IF	CITATIONS
1	TransLnc: a comprehensive resource for translatable lncRNAs extends immunopeptidome. <i>Nucleic Acids Research</i> , 2022, 50, D413-D420.	6.5	16
2	Shedding light on the hidden human proteome expands immunopeptidome in cancer. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	4
3	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2022, , .	6.5	5
4	Fatty acid composition and thermal characteristics of Malania oleifera seed oil. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1268-1279.	9.9	3
5	Comprehensive characterization of human virus protein-protein interactions reveals disease comorbidities and potential antiviral drugs. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1244-1253.	1.9	9
6	Pan-cancer analyses reveal the genetic and pharmacogenomic landscape of transient receptor potential channels. <i>Npj Genomic Medicine</i> , 2022, 7, .	1.7	8
7	PRES: a webserver for decoding the functional perturbations of RNA editing sites. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	1
8	Measurement Properties of the EQ-5D-5L and EQ-5D-3L in Six Commonly Diagnosed Cancers. <i>Patient</i> , 2021, 14, 209-222.	1.1	24
9	ALKBH5 regulates cardiomyocyte proliferation and heart regeneration by demethylating the mRNA of YTHDF1. <i>Theranostics</i> , 2021, 11, 3000-3016.	4.6	92
10	Pan-cancer characterization of expression and clinical relevance of m6A-related tissue-elevated long non-coding RNAs. <i>Molecular Cancer</i> , 2021, 20, 31.	7.9	21
11	Health-Related Quality of Life and Its Influencing Factors for Elderly Patients With Hypertension: Evidence From Heilongjiang Province, China. <i>Frontiers in Public Health</i> , 2021, 9, 654822.	1.3	21
12	Editorial: Perturbation of RNA Binding Protein Regulation in Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 693766.	1.1	0
13	Physicochemical and thermal characteristics of Moringa oleifera seed oil. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 685-695.	9.9	15
14	Deep Transfer Learning Remaining Useful Life Prediction of Different Bearings. , 2021, , .		2
15	ALKBH5-mediated m6A mRNA methylation governs human embryonic stem cell cardiac commitment. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 22-33.	2.3	17
16	ImmReg: the regulon atlas of immune-related pathways across cancer types. <i>Nucleic Acids Research</i> , 2021, 49, 12106-12118.	6.5	14
17	The IAA- and ABA-responsive transcription factor CgMYB58 upregulates lignin biosynthesis and triggers juice sac granulation in pummelo. <i>Horticulture Research</i> , 2020, 7, 139.	2.9	43
18	Preparation of High-Density Fuel Through Dimerization of α -Pinene. <i>Chemical Engineering and Technology</i> , 2020, 43, 2259-2265.	0.9	9

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19	A NAC transcription factor and its interaction protein hinder abscisic acid biosynthesis by synergistically repressing NCED5 in <i>Citrus reticulata</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 3613-3625.	2.4	39
20	LncSpA: LncRNA Spatial Atlas of Expression across Normal and Cancer Tissues. <i>Cancer Research</i> , 2020, 80, 2067-2071.	0.4	41
21	MIR22HG acts as a tumor suppressor via TGF β ² /SMAD signaling and facilitates immunotherapy in colorectal cancer. <i>Molecular Cancer</i> , 2020, 19, 51.	7.9	83
22	A time-resolved proteotranscriptomics atlas of the human placenta reveals pan-cancer immunomodulators. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 110.	7.1	4
23	Pan-cancer characterization of immune-related lncRNAs identifies potential oncogenic biomarkers. <i>Nature Communications</i> , 2020, 11, 1000.	5.8	293
24	RBP EIF2S2 Promotes Tumorigenesis and Progression by Regulating MYC-Mediated Inhibition via FHIT-Related Enhancers. <i>Molecular Therapy</i> , 2020, 28, 1105-1118.	3.7	37
25	Targeting LncDACH1 promotes cardiac repair and regeneration after myocardium infarction. <i>Cell Death and Differentiation</i> , 2020, 27, 2158-2175.	5.0	43
26	Dynamic Expression of m6A Regulators During Multiple Human Tissue Development and Cancers. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 629030.	1.8	8
27	Complex impact of DNA methylation on transcriptional dysregulation across 22 human cancer types. <i>Nucleic Acids Research</i> , 2020, 48, 2287-2302.	6.5	35
28	Wireless Recharging Sensor Networks Cross-Layer Optimization Based on Successive Interference Cancellation. <i>IEICE Transactions on Communications</i> , 2020, E103.B, 929-939.	0.4	1
29	Survey of miRNA-miRNA cooperative regulation principles across cancer types. <i>Briefings in Bioinformatics</i> , 2019, 20, 1621-1638.	3.2	39
30	Landscape of the long non-coding RNA transcriptome in human heart. <i>Briefings in Bioinformatics</i> , 2019, 20, 1812-1825.	3.2	17
31	D-Inc: a comprehensive database and analytical platform to dissect the modification of drugs on lncRNA expression. <i>RNA Biology</i> , 2019, 16, 1586-1591.	1.5	25
32	Landscape of Enhancer-Enhancer Cooperative Regulation during Human Cardiac Commitment. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 840-851.	2.3	11
33	Molecular characterization and clinical relevance of m6A regulators across 33 cancer types. <i>Molecular Cancer</i> , 2019, 18, 137.	7.9	286
34	Gain-of-Function Mutations: An Emerging Advantage for Cancer Biology. <i>Trends in Biochemical Sciences</i> , 2019, 44, 659-674.	3.7	38
35	Fatty acid metabolic flux and lipid peroxidation homeostasis maintain the biomembrane stability to improve citrus fruit storage performance. <i>Food Chemistry</i> , 2019, 292, 314-324.	4.2	33
36	Computational Epigenetics for Breast Cancer. , 2019, , 233-246.		0

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37	The different response of cardiomyocytes and cardiac fibroblasts to mitochondria inhibition and the underlying role of STAT3. <i>Basic Research in Cardiology</i> , 2019, 114, 12.	2.5	38
38	A Novel Approach to Identify Enhancer lincRNAs by Integrating Genome, Epigenome, and Regulatome. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 427.	2.0	4
39	MERIT: Systematic Analysis and Characterization of Mutational Effect on RNA Interactome Topology. <i>Hepatology</i> , 2019, 70, 532-546.	3.6	28
40	Iron Homeostasis Determines Fate of Human Pluripotent Stem Cells Via Glycerophospholipids-Epigenetic Circuit. <i>Stem Cells</i> , 2019, 37, 489-503.	1.4	24
41	Effects of shuanghuanglian injection on the activities of CYP1A2, 2C11, 2D1 and 3A1/2 in rats <i>in vivo</i> and <i>in vitro</i> . <i>Xenobiotica</i> , 2019, 49, 905-911.	0.5	3
42	Systematic review regulatory principles of non-coding RNAs in cardiovascular diseases. <i>Briefings in Bioinformatics</i> , 2019, 20, 66-76.	3.2	18
43	Systematic review of computational methods for identifying miRNA-mediated RNA-RNA crosstalk. <i>Briefings in Bioinformatics</i> , 2019, 20, 1193-1204.	3.2	16
44	Combinatorial epigenetic regulation of non-coding RNAs has profound effects on oncogenic pathways in breast cancer subtypes. <i>Briefings in Bioinformatics</i> , 2018, 19, bbw099.	3.2	15
45	LncMAP: Pan-cancer atlas of long noncoding RNA-mediated transcriptional network perturbations. <i>Nucleic Acids Research</i> , 2018, 46, 1113-1123.	6.5	115
46	Characterization of Transcriptome Transition Associates Long Noncoding RNAs with Glioma Progression. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 620-632.	2.3	32
47	Computational Identification of Cross-Talking ceRNAs. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 97-108.	0.8	37
48	Methods for Identification of Protein-RNA Interaction. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 117-126.	0.8	4
49	Computationally Modeling ncRNA-ncRNA Crosstalk. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 77-86.	0.8	4
50	The Long Noncoding RNA CAREL Controls Cardiac Regeneration. <i>Journal of the American College of Cardiology</i> , 2018, 72, 534-550.	1.2	115
51	Gene Regulatory Network Perturbation by Genetic and Epigenetic Variation. <i>Trends in Biochemical Sciences</i> , 2018, 43, 576-592.	3.7	20
52	Integrated transcriptomic and metabolomic analyses of a wax deficient citrus mutant exhibiting jasmonic acid-mediated defense against fungal pathogens. <i>Horticulture Research</i> , 2018, 5, 43.	2.9	49
53	Largely different carotenogenesis in two pummelo fruits with different flesh colors. <i>PLoS ONE</i> , 2018, 13, e0200320.	1.1	10
54	FACER: comprehensive molecular and functional characterization of epigenetic chromatin regulators. <i>Nucleic Acids Research</i> , 2018, 46, 10019-10033.	6.5	66

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55	The genome and transcriptome of Japanese flounder provide insights into flatfish asymmetry. <i>Nature Genetics</i> , 2017, 49, 119-124.	9.4	178
56	Dynamic Organization of lncRNA and Circular RNA Regulators Collectively Controlled Cardiac Differentiation in Humans. <i>EBioMedicine</i> , 2017, 24, 137-146.	2.7	73
57	RNA Function Prediction. <i>Methods in Molecular Biology</i> , 2017, 1654, 17-28.	0.4	17
58	Identification and Functional Verification of MicroRNAs in the Obese Rat With Erectile Dysfunction. <i>Sexual Medicine</i> , 2017, 5, e261-e271.	0.9	16
59	Revealing the Determinants of Widespread Alternative Splicing Perturbation in Cancer. <i>Cell Reports</i> , 2017, 21, 798-812.	2.9	51
60	An R2R3 MYB transcription factor represses the transformation of β - and γ -branch carotenoids by negatively regulating expression of <i>CrBCH2</i> and <i>CrNCED5</i> in flavedo of <i>Citrus reticulata</i> . <i>New Phytologist</i> , 2017, 216, 178-192.	3.5	145
61	Competing endogenous RNA network analysis identifies critical genes among the different breast cancer subtypes. <i>Oncotarget</i> , 2017, 8, 10171-10184.	0.8	27
62	MTDH promotes glioma invasion through regulating miR-130b-ceRNAs. <i>Oncotarget</i> , 2017, 8, 17738-17749.	0.8	30
63	Identifying and functionally characterizing tissue-specific and ubiquitously expressed human lncRNAs. <i>Oncotarget</i> , 2016, 7, 7120-7133.	0.8	114
64	Identification and characterization of lncRNA mediated transcriptional dysregulation dictates lncRNA roles in glioblastoma. <i>Oncotarget</i> , 2016, 7, 45027-45041.	0.8	48
65	Extensive ceRNA-ceRNA interaction networks mediated by miRNAs regulate development in multiple rhesus tissues. <i>Nucleic Acids Research</i> , 2016, 44, gkw587.	6.5	46
66	Salicylic acid treatment reduces the rot of postharvest citrus fruit by inducing the accumulation of H ₂ O ₂ , primary metabolites and lipophilic polymethoxylated flavones. <i>Food Chemistry</i> , 2016, 207, 68-74.	4.2	61
67	Change of body height is regulated by thyroid hormone during metamorphosis in flatfishes and zebrafish. <i>General and Comparative Endocrinology</i> , 2016, 236, 9-16.	0.8	12
68	A novel ligand conjugated nanoparticles for oral insulin delivery. <i>Drug Delivery</i> , 2016, 23, 2015-2025.	2.5	37
69	Construction and analysis of dynamic transcription factor regulatory networks in the progression of glioma. <i>Scientific Reports</i> , 2015, 5, 15953.	1.6	27
70	Co-lncRNA: investigating the lncRNA combinatorial effects in GO annotations and KEGG pathways based on human RNA-Seq data. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	1.4	107
71	Construction and analysis of lncRNA-lncRNA synergistic networks to reveal clinically relevant lncRNAs in cancer. <i>Oncotarget</i> , 2015, 6, 25003-25016.	0.8	39
72	Genome-Wide Methylome Analyses Reveal Novel Epigenetic Regulation Patterns in Schizophrenia and Bipolar Disorder. <i>BioMed Research International</i> , 2015, 2015, 1-15.	0.9	22

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73	Genome-wide DNA methylome analysis reveals epigenetically dysregulated non-coding RNAs in human breast cancer. <i>Scientific Reports</i> , 2015, 5, 8790.	1.6	54
74	Distortion of frontal bones results from cell apoptosis by the mechanical force from the up-migrating eye during metamorphosis in <i>Paralichthys olivaceus</i> . <i>Mechanisms of Development</i> , 2015, 136, 87-98.	1.7	20
75	Functional dissection of virus-human crosstalk mediated by miRNAs based on the VmiReg database. <i>Molecular BioSystems</i> , 2015, 11, 1319-1328.	2.9	12
76	The mRNA related ceRNA-ceRNA landscape and significance across 20 major cancer types. <i>Nucleic Acids Research</i> , 2015, 43, 8169-8182.	6.5	170
77	LncRNA ontology: inferring lncRNA functions based on chromatin states and expression patterns. <i>Oncotarget</i> , 2015, 6, 39793-39805.	0.8	38
78	PD_NGSAtlas: a reference database combining next-generation sequencing epigenomic and transcriptomic data for psychiatric disorders. <i>BMC Medical Genomics</i> , 2014, 7, 71.	0.7	9
79	Comparative epigenetic analyses reveal distinct patterns of oncogenic pathways activation in breast cancer subtypes. <i>Human Molecular Genetics</i> , 2014, 23, 5378-5393.	1.4	31
80	Design and evaluation of solid lipid nanoparticles modified with peptide ligand for oral delivery of protein drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 518-528.	2.0	100
81	Dissection of the potential characteristic of miRNA-miRNA functional synergistic regulations. <i>Molecular BioSystems</i> , 2013, 9, 217-224.	2.9	23
82	Comprehensive analysis of the functional microRNA-mRNA regulatory network identifies miRNA signatures associated with glioma malignant progression. <i>Nucleic Acids Research</i> , 2013, 41, e203-e203.	6.5	112
83	Design and characterization of antitumor drug paclitaxel-loaded chitosan nanoparticles by W/O emulsions. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 438-443.	3.6	54
84	MiRNA-miRNA synergistic network: construction via co-regulating functional modules and disease miRNA topological features. <i>Nucleic Acids Research</i> , 2011, 39, 825-836.	6.5	245
85	Prioritizing Candidate Disease miRNAs by Topological Features in the miRNA Target-Dysregulated Network: Case Study of Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1857-1866.	1.9	216