An-Yuan Guo

List of Publications by Year in descending order

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ΔΝ-ΥΠΑΝ ΟΠΟ

#	Article	IF	CITATIONS
1	EVAtlas: a comprehensive database for ncRNA expression in human extracellular vesicles. Nucleic Acids Research, 2022, 50, D111-D117.	14.5	27
2	ImmuCellAI-mouse: a tool for comprehensive prediction of mouse immune cell abundance and immune microenvironment depiction. Bioinformatics, 2022, 38, 785-791.	4.1	53
3	A comprehensive platelet expression atlas (PEA) resource and platelet transcriptome landscape. American Journal of Hematology, 2022, 97, E18.	4.1	3
4	Genetic, Pharmacogenomic, and Immune Landscapes of Enhancer RNAs Across Human Cancers. Cancer Research, 2022, 82, 785-790.	0.9	11
5	CBX2 and EZH2 cooperatively promote the growth and metastasis of lung adenocarcinoma. Molecular Therapy - Nucleic Acids, 2022, 27, 670-684.	5.1	22
6	Tumor-derived extracellular vesicles induce invalid cytokine release and exhaustion of CD19 CAR-T Cells. Cancer Letters, 2022, 536, 215668.	7.2	11
7	Abstract LB168: Platelet RNA signature enables early and accurate detection of ovarian cancer: An intercontinental, biomarker identification study. Cancer Research, 2022, 82, LB168-LB168.	0.9	1
8	A miR-9-5p/FOXO1/CPEB3 Feed-Forward Loop Drives the Progression of Hepatocellular Carcinoma. Cells, 2022, 11, 2116.	4.1	4
9	An integrative multi-omics approach uncovers the regulatory role of CDK7 and CDK4 in autophagy activation induced by silica nanoparticles. Autophagy, 2021, 17, 1426-1447.	9.1	33
10	CCLA: an accurate method and web server for cancer cell line authentication using gene expression profiles. Briefings in Bioinformatics, 2021, 22, .	6.5	6
11	miRNASNP-v3: a comprehensive database for SNPs and disease-related variations in miRNAs and miRNA targets. Nucleic Acids Research, 2021, 49, D1276-D1281.	14.5	80
12	TCRdb: a comprehensive database for T-cell receptor sequences with powerful search function. Nucleic Acids Research, 2021, 49, D468-D474.	14.5	43
13	Germline Mutation of PLCD1 Contributes to Human Multiple Pilomatricomas through Protein Kinase D/Extracellular Signal–Regulated Kinase1/2 Cascade and TRPV6. Journal of Investigative Dermatology, 2021, 141, 533-544.	0.7	5
14	Expression profile of immune checkpoint genes and their roles in predicting immunotherapy response. Briefings in Bioinformatics, 2021, 22, .	6.5	147
15	A folate receptor 3 SNP promotes mitochondriaâ€induced clonogenicity of CML leukemia cells: Implications for treatment free remission. Clinical and Translational Medicine, 2021, 11, e317.	4.0	6
16	A comprehensive survey for human transcription factors on expression, regulation, interaction, phenotype and cancer survival. Briefings in Bioinformatics, 2021, 22, .	6.5	8
17	Quercetin Ameliorates Gut Microbiota Dysbiosis That Drives Hypothalamic Damage and Hepatic Lipogenesis in Monosodium Glutamate-Induced Abdominal Obesity. Frontiers in Nutrition, 2021, 8, 671353.	3.7	19
18	Hypothalamic long noncoding RNA AK044061 is involved in the development of dietary obesity in mice. International Journal of Obesity, 2021, 45, 2638-2647.	3.4	4

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19	Case Report: Multi-Omics Analysis and CAR-T Treatment of a Chronic Myeloid Leukemia Blast Crisis Case 5 Years After the Discontinuation of TKI. Frontiers in Oncology, 2021, 11, 739871.	2.8	7
20	Extracellular vesicles deposit <i>PCNA</i> to rejuvenate aged bone marrow–derived mesenchymal stem cells and slow age-related degeneration. Science Translational Medicine, 2021, 13, .	12.4	65
21	Database Resources of the National Genomics Data Center in 2020. Nucleic Acids Research, 2020, 48, D24-D33.	14.5	165
22	tRic: a user-friendly data portal to explore the expression landscape of tRNAs in human cancers. RNA Biology, 2020, 17, 1674-1679.	3.1	18
23	A 6-Membrane Protein Gene score for prognostic prediction of cytogenetically normal acute myeloid leukemia in multiple cohorts. Journal of Cancer, 2020, 11, 251-259.	2.5	12
24	Landscape of cancer diagnostic biomarkers from specifically expressed genes. Briefings in Bioinformatics, 2020, 21, 2175-2184.	6.5	41
25	FFLtool: a web server for transcription factor and miRNA feed forward loop analysis in human. Bioinformatics, 2020, 36, 2605-2607.	4.1	19
26	Comparison of chronic myeloid leukemia stem cells and hematopoietic stem cells by global proteomic analysis. Biochemical and Biophysical Research Communications, 2020, 522, 362-367.	2.1	7
27	Systematic Transcriptome and Regulatory Network Analyses Reveal the Hypoglycemic Mechanism of Dendrobium fimbriatum. Molecular Therapy - Nucleic Acids, 2020, 19, 1-14.	5.1	11
28	hTFtarget: A Comprehensive Database for Regulations of Human Transcription Factors and Their Targets. Genomics, Proteomics and Bioinformatics, 2020, 18, 120-128.	6.9	201
29	p.His16Arg of STXBP1 (MUNC18-1) Associated With Syntaxin 3B Causes Autosomal Dominant Congenital Nystagmus. Frontiers in Cell and Developmental Biology, 2020, 8, 591781.	3.7	6
30	Integrated omics in Drosophila uncover a circadian kinome. Nature Communications, 2020, 11, 2710.	12.8	23
31	An ultra-sensitive T-cell receptor detection method for TCR-Seq and RNA-Seq data. Bioinformatics, 2020, 36, 4255-4262.	4.1	13
32	The expression and regulation of HOX genes and membrane proteins among different cytogenetic groups of acute myeloid leukemia. Molecular Genetics & Genomic Medicine, 2020, 8, e1365.	1.2	9
33	SNP2APA: a database for evaluating effects of genetic variants on alternative polyadenylation in human cancers. Nucleic Acids Research, 2020, 48, D226-D232.	14.5	37
34	Genome-Wide DNA Methylation Enhances Stemness in the Mechanical Selection of Tumor-Repopulating Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 88.	4.1	10
35	ImmuCellAI: A Unique Method for Comprehensive Tâ€Cell Subsets Abundance Prediction and its Application in Cancer Immunotherapy. Advanced Science, 2020, 7, 1902880.	11.2	558
36	Time serial transcriptome reveals <i>Cyp2c29</i> as a key gene in hepatocellular carcinoma development. Cancer Biology and Medicine, 2020, 17, 401-417.	3.0	20

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37	Regulatory networks in mechanotransduction reveal key genes in promoting cancer cell stemness and proliferation. Oncogene, 2019, 38, 6818-6834.	5.9	34
38	GEDS: A Gene Expression Display Server for mRNAs, miRNAs and Proteins. Cells, 2019, 8, 675.	4.1	20
39	Identification of STAB1 in Multiple Datasets as a Prognostic Factor for Cytogenetically Normal AML: Mechanism and Drug Indications. Molecular Therapy - Nucleic Acids, 2019, 18, 476-484.	5.1	22
40	Tumor-derived extracellular vesicles inhibit osteogenesis and exacerbate myeloma bone disease. Theranostics, 2019, 9, 196-209.	10.0	50
41	Comprehensive characterization of circular RNAs in ~ 1000 human cancer cell lines. Genome Medicine, 2019, 11, 55.	8.2	116
42	Regulatory network analysis reveals the oncogenesis roles of feed-forward loops and therapeutic target in T-cell acute lymphoblastic leukemia. BMC Medical Genomics, 2019, 12, 8.	1.5	7
43	Transcriptome and Regulatory Network Analyses of CD19-CAR-T Immunotherapy for B-ALL. Genomics, Proteomics and Bioinformatics, 2019, 17, 190-200.	6.9	33
44	High IL2RA mRNA expression is an independent adverse prognostic biomarker in core binding factor and intermediate-risk acute myeloid leukemia. Journal of Translational Medicine, 2019, 17, 191.	4.4	18
45	<p>Tumor necrosis factor α knockout impaired tumorigenesis in chronic myeloid leukemia cells partly by metabolism modification and miRNA regulation</p> . OncoTargets and Therapy, 2019, Volume 12, 2355-2364.	2.0	8
46	Transcriptome profiling reveals the anti-diabetic molecular mechanism of Cyclocarya paliurus polysaccharides. Journal of Functional Foods, 2019, 55, 1-8.	3.4	17
47	Pancan-meQTL: a database to systematically evaluate the effects of genetic variants on methylation in human cancer. Nucleic Acids Research, 2019, 47, D1066-D1072.	14.5	45
48	AnimalTFDB 3.0: a comprehensive resource for annotation and prediction of animal transcription factors. Nucleic Acids Research, 2019, 47, D33-D38.	14.5	592
49	EVmiRNA: a database of miRNA profiling in extracellular vesicles. Nucleic Acids Research, 2019, 47, D89-D93.	14.5	209
50	Database Resources of the BIG Data Center in 2019. Nucleic Acids Research, 2019, 47, D8-D14.	14.5	157
51	SAGD: a comprehensive sex-associated gene database from transcriptomes. Nucleic Acids Research, 2019, 47, D835-D840.	14.5	21
52	SEGreg: a database for human specifically expressed genes and their regulations in cancer and normal tissue. Briefings in Bioinformatics, 2019, 20, 1322-1328.	6.5	18
53	iUUCD 2.0: an update with rich annotations for ubiquitin and ubiquitin-like conjugations. Nucleic Acids Research, 2018, 46, D447-D453.	14.5	57
54	The Genomic Landscape and Pharmacogenomic Interactions of Clock Genes in Cancer Chronotherapy. Cell Systems, 2018, 6, 314-328.e2.	6.2	183

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55	Leukemia cell-derived microvesicles induce T cell exhaustion via miRNA delivery. Oncolmmunology, 2018, 7, e1448330.	4.6	24
56	SEGtool: a specifically expressed gene detection tool and applications in human tissue and single-cell sequencing data. Briefings in Bioinformatics, 2018, 19, 1325-1336.	6.5	20
57	PancanQTL: systematic identification of cis-eQTLs and trans-eQTLs in 33 cancer types. Nucleic Acids Research, 2018, 46, D971-D976.	14.5	191
58	lncRNASNP2: an updated database of functional SNPs and mutations in human and mouse lncRNAs. Nucleic Acids Research, 2018, 46, D276-D280.	14.5	199
59	dbCoRC: a database of core transcriptional regulatory circuitries modeled by H3K27ac ChIP-seq signals. Nucleic Acids Research, 2018, 46, D71-D77.	14.5	37
60	Global analysis of tRNA and translation factor expression reveals a dynamic landscape of translational regulation in human cancers. Communications Biology, 2018, 1, 234.	4.4	58
61	Integrating Transcriptome and Experiments Reveals the Anti-diabetic Mechanism of Cyclocarya paliurus Formula. Molecular Therapy - Nucleic Acids, 2018, 13, 419-430.	5.1	12
62	GSCALite: a web server for gene set cancer analysis. Bioinformatics, 2018, 34, 3771-3772.	4.1	671
63	Differential Co-expression and Regulatory Network Analysis Uncover the Relapse Factor and Mechanism of T Cell Acute Leukemia. Molecular Therapy - Nucleic Acids, 2018, 12, 184-194.	5.1	20
64	Investigating the Molecular Mechanism of Aqueous Extract of Cyclocarya paliurus on Ameliorating Diabetes by Transcriptome Profiling. Frontiers in Pharmacology, 2018, 9, 912.	3.5	9
65	Genomic landscape and mutational impacts of recurrently mutated genes in cancers. Molecular Genetics & Genomic Medicine, 2018, 6, 910-923.	1.2	15
66	The ASH1-miR-375-YWHAZ Signaling Axis Regulates Tumor Properties in Hepatocellular Carcinoma. Molecular Therapy - Nucleic Acids, 2018, 11, 538-553.	5.1	45
67	IncRInter: A database of experimentally validated long non-coding RNA interaction. Journal of Genetics and Genomics, 2017, 44, 265-268.	3.9	35
68	Interferon-γ alters the immune-related miRNA expression of microvesicles derived from mesenchymal stem cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 179-184.	1.0	14
69	Ablation of EYS in zebrafish causes mislocalisation of outer segment proteins, F-actin disruption and cone-rod dystrophy. Scientific Reports, 2017, 7, 46098.	3.3	52
70	A Pan-cancer Analysis of the Expression and Clinical Relevance of Small Nucleolar RNAs in Human Cancer. Cell Reports, 2017, 21, 1968-1981.	6.4	186
71	LNCediting: a database for functional effects of RNA editing in IncRNAs. Nucleic Acids Research, 2017, 45, D79-D84.	14.5	111
72	Microvesicles as Potential Biomarkers for the Identification of Senescence in Human Mesenchymal Stem Cells. Theranostics, 2017, 7, 2673-2689.	10.0	82

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73	Tumor Cell-Derived Microvesicles Induced Not Epithelial-Mesenchymal Transition but Apoptosis in Human Proximal Tubular (HK-2) Cells: Implications for Renal Impairment in Multiple Myeloma. International Journal of Molecular Sciences, 2017, 18, 513.	4.1	6
74	Gene expression, regulation of DEN and HBx induced HCC mice models and comparisons of tumor, para-tumor and normal tissues. BMC Cancer, 2017, 17, 862.	2.6	19
75	MicroRNA regulatory pathway analysis identifies miR-142-5p as a negative regulator of TGF-β pathway via targeting SMAD3. Oncotarget, 2016, 7, 71504-71513.	1.8	48
76	Mesenchymal Stem Cell-Derived Microvesicles Support Ex Vivo Expansion of Cord Blood-Derived CD34 ⁺ Cells. Stem Cells International, 2016, 2016, 1-13.	2.5	40
77	Loss-of-function Mutation in PMVK Causes Autosomal Dominant Disseminated Superficial Porokeratosis. Scientific Reports, 2016, 6, 24226.	3.3	21
78	miR-146b-5p within BCR-ABL1–Positive Microvesicles Promotes Leukemic Transformation of Hematopoietic Cells. Cancer Research, 2016, 76, 2901-2911.	0.9	88
79	A clinical observation of Chinese chronic myelogenous leukemia patients after discontinuation of tyrosine kinase inhibitors. Oncotarget, 2016, 7, 58234-58243.	1.8	7
80	Transcription factor and miRNA co-regulatory network reveals shared and specific regulators in the development of B cell and T cell. Scientific Reports, 2015, 5, 15215.	3.3	60
81	Scoring the correlation of genes by their shared properties using OScal, an improved overlap quantification model. Scientific Reports, 2015, 5, 10583.	3.3	1
82	An update of miRNASNP database for better SNP selection by GWAS data, miRNA expression and online tools. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav029.	3.0	110
83	Impact of collection, isolation and storage methodology of circulating microvesicles on flow cytometric analysis. Experimental and Therapeutic Medicine, 2015, 10, 2093-2101.	1.8	12
84	GSDS 2.0: an upgraded gene feature visualization server. Bioinformatics, 2015, 31, 1296-1297.	4.1	3,092
85	lncRNASNP: a database of SNPs in lncRNAs and their potential functions in human and mouse. Nucleic Acids Research, 2015, 43, D181-D186.	14.5	204
86	MiRNA and TF co-regulatory network analysis for the pathology and recurrence of myocardial infarction. Scientific Reports, 2015, 5, 9653.	3.3	41
87	AnimalTFDB 2.0: a resource for expression, prediction and functional study of animal transcription factors. Nucleic Acids Research, 2015, 43, D76-D81.	14.5	287
88	The regulation of microRNA expression by DNA methylation in hepatocellular carcinoma. Molecular BioSystems, 2015, 11, 532-539.	2.9	64
89	Transcription factor and microRNA co-regulatory loops: important regulatory motifs in biological processes and diseases. Briefings in Bioinformatics, 2015, 16, 45-58.	6.5	175
90	Integrative Genomic Analysis Identifies That SERPINA6-rs1998056 Regulated by FOXA/ERα Is Associated with Female Hepatocellular Carcinoma. PLoS ONE, 2014, 9, e107246.	2.5	9

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91	Comprehensive analysis of human small RNA sequencing data provides insights into expression profiles and miRNA editing. RNA Biology, 2014, 11, 1375-1385.	3.1	78
92	The evolutionary analysis reveals domain fusion of proteins with Frizzled-like CRD domain. Gene, 2014, 533, 229-239.	2.2	23
93	Evolution, functional divergence and conserved exon–intron structure of bHLH/PAS gene family. Molecular Genetics and Genomics, 2014, 289, 25-36.	2.1	20
94	EKPD: a hierarchical database of eukaryotic protein kinases and protein phosphatases. Nucleic Acids Research, 2014, 42, D496-D502.	14.5	52
95	A genetic variant in microRNA target site of TGF-β signaling pathway increases the risk of colorectal cancer in a Chinese population. Tumor Biology, 2014, 35, 4301-4306.	1.8	14
96	CPLM: a database of protein lysine modifications. Nucleic Acids Research, 2014, 42, D531-D536.	14.5	155
97	Bioinformatics analysis identifies miR-221 as a core regulator in hepatocellular carcinoma and its silencing suppresses tumor properties. Oncology Reports, 2014, 32, 1200-1210.	2.6	44
98	Exome Sequencing Identified NRG3 as a Novel Susceptible Gene of Hirschsprung's Disease in a Chinese Population. Molecular Neurobiology, 2013, 47, 957-966.	4.0	30
99	The sacred lotus genome provides insights into the evolution of flowering plants. Plant Journal, 2013, 76, 557-567.	5.7	75
100	Identification of Novel and Differentially Expressed MicroRNAs in the Ovaries of Laying and Non-Laying Ducks. Journal of Integrative Agriculture, 2013, 12, 136-146.	3.5	14
101	Phylogenetic analysis reveals the evolution and diversification of cyclins in eukaryotes. Molecular Phylogenetics and Evolution, 2013, 66, 1002-1010.	2.7	33
102	UUCD: a family-based database of ubiquitin and ubiquitin-like conjugation. Nucleic Acids Research, 2013, 41, D445-D451.	14.5	99
103	Integration of Transcriptome, Proteome and Metabolism Data Reveals the Alkaloids Biosynthesis in Macleaya cordata and Macleaya microcarpa. PLoS ONE, 2013, 8, e53409.	2.5	61
104	MLL1, a Histone H3K4 Methyltransferase, Regulates the Expression of TNFα-mediated NF-κB Downstream Genes. Journal of Cell Science, 2012, 125, 4058-66.	2.0	63
105	AnimalTFDB: a comprehensive animal transcription factor database. Nucleic Acids Research, 2012, 40, D144-D149.	14.5	265
106	The Genome of Ganderma lucidum Provide Insights into Triterpense Biosynthesis and Wood Degradation. PLoS ONE, 2012, 7, e36146.	2.5	78
107	Comparative and Evolutionary Analysis of the HES/HEY Gene Family Reveal Exon/Intron Loss and Teleost Specific Duplication Events. PLoS ONE, 2012, 7, e40649.	2.5	26
108	Meta-analyses of genome-wide linkage scans of anxiety-related phenotypes. European Journal of Human Genetics, 2012, 20, 1078-1084.	2.8	28

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109	MicroRNA and transcription factor co-regulatory network analysis reveals miR-19 inhibits CYLD in T-cell acute lymphoblastic leukemia. Nucleic Acids Research, 2012, 40, 5201-5214.	14.5	119
110	Genome-wide identification of SNPs in microRNA genes and the SNP effects on microRNA target binding and biogenesis. Human Mutation, 2012, 33, 254-263.	2.5	343
111	Prioritization and Association Analysis of Murine-Derived Candidate Genes in Anxiety-Spectrum Disorders. Biological Psychiatry, 2011, 70, 888-896.	1.3	25
112	Network Analysis of EtOHâ€Related Candidate Genes. Chemistry and Biodiversity, 2010, 7, 1142-1152.	2.1	3
113	New Genomic Structure for Prostate Cancer Specific Gene PCA3 within BMCC1: Implications for Prostate Cancer Detection and Progression. PLoS ONE, 2009, 4, e4995.	2.5	74
114	Genome-wide identification and evolutionary analysis of the plant specific SBP-box transcription factor family. Gene, 2008, 418, 1-8.	2.2	227
115	PlantTFDB: a comprehensive plant transcription factor database. Nucleic Acids Research, 2007, 36, D966-D969.	14.5	210
116	Identification of a Naturally Occurring Recombinant Isolate of Sugarcane Mosaic Virus Causing Maize Dwarf Mosaic Disease. Virus Genes, 2005, 30, 75-83.	1.6	33
117	DATF: a database of Arabidopsis transcription factors. Bioinformatics, 2005, 21, 2568-2569.	4.1	296