Xia Li

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271 7,657 46 75 g-index

296 10,238 7.4 5.82 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
271	CellMarker: a manually curated resource of cell markers in human and mouse. <i>Nucleic Acids Research</i> , 2019 , 47, D721-D728	20.1	305
270	Lnc2Cancer: a manually curated database of experimentally supported lncRNAs associated with various human cancers. <i>Nucleic Acids Research</i> , 2016 , 44, D980-5	20.1	243
269	MiRNA-miRNA synergistic network: construction via co-regulating functional modules and disease miRNA topological features. <i>Nucleic Acids Research</i> , 2011 , 39, 825-36	20.1	218
268	Walking the interactome to identify human miRNA-disease associations through the functional link between miRNA targets and disease genes. <i>BMC Systems Biology</i> , 2013 , 7, 101	3.5	184
267	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, 1857-66	6.1	179
266	Identification of lncRNA-associated competing triplets reveals global patterns and prognostic markers for cancer. <i>Nucleic Acids Research</i> , 2015 , 43, 3478-89	20.1	172
265	SubpathwayMiner: a software package for flexible identification of pathways. <i>Nucleic Acids Research</i> , 2009 , 37, e131	20.1	143
264	Pan-cancer characterization of immune-related lncRNAs identifies potential oncogenic biomarkers. <i>Nature Communications</i> , 2020 , 11, 1000	17.4	142
263	The mRNA related ceRNA-ceRNA landscape and significance across 20 major cancer types. <i>Nucleic Acids Research</i> , 2015 , 43, 8169-82	20.1	138
262	Prediction of potential disease-associated microRNAs based on random walk. <i>Bioinformatics</i> , 2015 , 31, 1805-15	7.2	138
261	Comprehensive characterization of lncRNA-mRNA related ceRNA network across 12 major cancers. <i>Oncotarget</i> , 2016 , 7, 64148-64167	3.3	133
260	CancerSEA: a cancer single-cell state atlas. <i>Nucleic Acids Research</i> , 2019 , 47, D900-D908	20.1	127
259	SM2miR: a database of the experimentally validated small molecules' effects on microRNA expression. <i>Bioinformatics</i> , 2013 , 29, 409-11	7.2	114
258	Lnc2Cancer v2.0: updated database of experimentally supported long non-coding RNAs in human cancers. <i>Nucleic Acids Research</i> , 2019 , 47, D1028-D1033	20.1	114
257	TIP: A Web Server for Resolving Tumor Immunophenotype Profiling. <i>Cancer Research</i> , 2018 , 78, 6575-6	5 80 .1	109
256	Fine Particulate Air Pollution and Hospital Emergency Room Visits for Respiratory Disease in Urban Areas in Beijing, China, in 2013. <i>PLoS ONE</i> , 2016 , 11, e0153099	3.7	103
255	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	20.1	99

Prevalence and associated factors of myopia in high-school students in Beijing. PLoS ONE, 2015, 10, e012,0764 96 254 A robust hybrid between genetic algorithm and support vector machine for extracting an optimal 253 4.3 95 feature gene subset. Genomics, 2005, 85, 16-23 Co-LncRNA: investigating the lncRNA combinatorial effects in GO annotations and KEGG pathways based on human RNA-Seq data. Database: the Journal of Biological Databases and Curation, 2015, 252 5 91 2015, The analysis of the drug-targets based on the topological properties in the human protein-protein 86 251 5.4 interaction network. Journal of Drug Targeting, 2009, 17, 524-32 A comprehensive overview of lncRNA annotation resources. Briefings in Bioinformatics, 2017, 18, 236-2493.4 250 85 Subpathway-GM: identification of metabolic subpathways via joint power of interesting genes and 85 249 20.1 metabolites and their topologies within pathways. Nucleic Acids Research, 2013, 41, e101 Augmentation of response to chemotherapy by microRNA-506 through regulation of RAD51 in 248 80 9.7 serous ovarian cancers. Journal of the National Cancer Institute, 2015, 107, Gene mining: a novel and powerful ensemble decision approach to hunting for disease genes using 247 20.1 77 microarray expression profiling. Nucleic Acids Research, 2004, 32, 2685-94 miRSponge: a manually curated database for experimentally supported miRNA sponges and 246 76 5 ceRNAs. Database: the Journal of Biological Databases and Curation, 2015, 2015, LncACTdb 2.0: an updated database of experimentally supported ceRNA interactions curated from 20.1 245 70 low- and high-throughput experiments. Nucleic Acids Research, 2019, 47, D121-D127 Identification of cancer-related lncRNAs through integrating genome, regulome and transcriptome 68 244 features. Molecular BioSystems, 2015, 11, 126-36 ViRBase: a resource for virus-host ncRNA-associated interactions. Nucleic Acids Research, 2015, 43, D5782821 68 243 DOSim: an R package for similarity between diseases based on Disease Ontology. BMC 3.6 65 242 Bioinformatics, 2011, 12, 266 LincSNP 2.0: an updated database for linking disease-associated SNPs to human long non-coding 64 241 20.1 RNAs and their TFBSs. Nucleic Acids Research, 2017, 45, D74-D78 The DNA methylome and transcriptome of different brain regions in schizophrenia and bipolar 64 240 3.7 disorder. *PLoS ONE*, **2014**, 9, e95875 LncMAP: Pan-cancer atlas of long noncoding RNA-mediated transcriptional network perturbations. 20.1 239 59 Nucleic Acids Research, 2018, 46, 1113-1123 JAK2/STAT3 targeted therapy suppresses tumor invasion via disruption of the EGFRVIII/JAK2/STAT3 axis and associated focal adhesion in EGFRVIII-expressing glioblastoma. 238 1 59 Neuro-Oncology, 2014, 16, 1229-43 MLH1 promoter methylation frequency in colorectal cancer patients and related clinicopathological 237 3.7 59 and molecular features. PLoS ONE, 2013, 8, e59064

236	Identification of links between small molecules and miRNAs in human cancers based on transcriptional responses. <i>Scientific Reports</i> , 2012 , 2, 282	4.9	58
235	Prioritizing candidate disease miRNAs by integrating phenotype associations of multiple diseases with matched miRNA and mRNA expression profiles. <i>Molecular BioSystems</i> , 2014 , 10, 2800-9		57
234	Identifying and functionally characterizing tissue-specific and ubiquitously expressed human lncRNAs. <i>Oncotarget</i> , 2016 , 7, 7120-33	3.3	57
233	Identification of active transcription factor and miRNA regulatory pathways in Alzheimer's disease. <i>Bioinformatics</i> , 2013 , 29, 2596-602	7.2	54
232	Acute exposure to fine particulate matter and cardiovascular hospital emergency room visits in Beijing, China. <i>Environmental Pollution</i> , 2017 , 220, 317-327	9.3	53
231	Prioritizing human cancer microRNAs based on genes' functional consistency between microRNA and cancer. <i>Nucleic Acids Research</i> , 2011 , 39, e153	20.1	53
230	RAID: a comprehensive resource for human RNA-associated (RNA-RNA/RNA-protein) interaction. <i>Rna</i> , 2014 , 20, 989-93	5.8	51
229	ncRDeathDB: A comprehensive bioinformatics resource for deciphering network organization of the ncRNA-mediated cell death system. <i>Autophagy</i> , 2015 , 11, 1917-26	10.2	50
228	Discovery of Time-Delayed Gene Regulatory Networks based on temporal gene expression profiling. <i>BMC Bioinformatics</i> , 2006 , 7, 26	3.6	50
227	Genome-wide DNA methylome analysis reveals epigenetically dysregulated non-coding RNAs in human breast cancer. <i>Scientific Reports</i> , 2015 , 5, 8790	4.9	48
226	Topologically inferring risk-active pathways toward precise cancer classification by directed random walk. <i>Bioinformatics</i> , 2013 , 29, 2169-77	7.2	46
225	Predicting human microRNA precursors based on an optimized feature subset generated by GA-SVM. <i>Genomics</i> , 2011 , 98, 73-8	4.3	46
224	Identifying novel associations between small molecules and miRNAs based on integrated molecular networks. <i>Bioinformatics</i> , 2015 , 31, 3638-44	7.2	45
223	Lnc2Cancer 3.0: an updated resource for experimentally supported lncRNA/circRNA cancer associations and web tools based on RNA-seq and scRNA-seq data. <i>Nucleic Acids Research</i> , 2021 , 49, D1	2 3 9-Ъ	1258
222	DiseaseEnhancer: a resource of human disease-associated enhancer catalog. <i>Nucleic Acids Research</i> , 2018 , 46, D78-D84	20.1	43
221	LincSNP: a database of linking disease-associated SNPs to human large intergenic non-coding RNAs. <i>BMC Bioinformatics</i> , 2014 , 15, 152	3.6	43
220	Systematic identification of lincRNA-based prognostic biomarkers by integrating lincRNA expression and copy number variation in lung adenocarcinoma. <i>International Journal of Cancer</i> , 2019 , 144, 1723-1734	7.5	43
219	LncTarD: a manually-curated database of experimentally-supported functional lncRNA-target regulations in human diseases. <i>Nucleic Acids Research</i> , 2020 , 48, D118-D126	20.1	42

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218	Health literacy in rural areas of China: hypertension knowledge survey. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 1125-38	4.6	42	
217	In silico detection and characteristics of novel microRNA genes in the Equus caballus genome using an integrated ab initio and comparative genomic approach. <i>Genomics</i> , 2009 , 94, 125-31	4.3	42	
216	EGFRvIII/integrin B interaction in hypoxic and vitronectinenriching microenvironment promote GBM progression and metastasis. <i>Oncotarget</i> , 2016 , 7, 4680-94	3.3	42	
215	Identification of module biomarkers from the dysregulated ceRNA-ceRNA interaction network in lung adenocarcinoma. <i>Molecular BioSystems</i> , 2015 , 11, 3048-58		41	
214	Identifying ultrasound and clinical features of breast cancer molecular subtypes by ensemble decision. <i>Scientific Reports</i> , 2015 , 5, 11085	4.9	41	
213	A sub-pathway-based approach for identifying drug response principal network. <i>Bioinformatics</i> , 2011 , 27, 649-54	7.2	40	
212	The implications of relationships between human diseases and metabolic subpathways. <i>PLoS ONE</i> , 2011 , 6, e21131	3.7	39	
211	Extensive ceRNA-ceRNA interaction networks mediated by miRNAs regulate development in multiple rhesus tissues. <i>Nucleic Acids Research</i> , 2016 , 44, 9438-9451	20.1	38	
210	LnCeVar: a comprehensive database of genomic variations that disturb ceRNA network regulation. <i>Nucleic Acids Research</i> , 2020 , 48, D111-D117	20.1	36	
209	Lnc2Meth: a manually curated database of regulatory relationships between long non-coding RNAs and DNA methylation associated with human disease. <i>Nucleic Acids Research</i> , 2018 , 46, D133-D138	20.1	35	
208	A novel reannotation strategy for dissecting DNA methylation patterns of human long intergenic non-coding RNAs in cancers. <i>Nucleic Acids Research</i> , 2014 , 42, 8258-70	20.1	34	
207	Construction and analysis of lncRNA-lncRNA synergistic networks to reveal clinically relevant lncRNAs in cancer. <i>Oncotarget</i> , 2015 , 6, 25003-16	3.3	33	
206	Identification of prognostic biomarkers in glioblastoma using a long non-coding RNA-mediated, competitive endogenous RNA network. <i>Oncotarget</i> , 2016 , 7, 41737-41747	3.3	33	
205	Risk Factors of Myopic Shift among Primary School Children in Beijing, China: A Prospective Study. <i>International Journal of Medical Sciences</i> , 2015 , 12, 633-8	3.7	32	
204	Network-based survival-associated module biomarker and its crosstalk with cell death genes in ovarian cancer. <i>Scientific Reports</i> , 2015 , 5, 11566	4.9	31	
203	Topological properties of the drug targets regulated by microRNA in human protein-protein interaction network. <i>Journal of Drug Targeting</i> , 2011 , 19, 354-64	5.4	31	
202	Dissection of human MiRNA regulatory influence to subpathway. <i>Briefings in Bioinformatics</i> , 2012 , 13, 175-86	13.4	30	
201	Systematically characterizing dysfunctional long intergenic non-coding RNAs in multiple brain regions of major psychosis. <i>Oncotarget</i> , 2016 , 7, 71087-71098	3.3	30	

200	LncRNA ontology: inferring lncRNA functions based on chromatin states and expression patterns. <i>Oncotarget</i> , 2015 , 6, 39793-805	3.3	30
199	MSDD: a manually curated database of experimentally supported associations among miRNAs, SNPs and human diseases. <i>Nucleic Acids Research</i> , 2018 , 46, D181-D185	20.1	29
198	Global Prioritization of Disease Candidate Metabolites Based on a Multi-omics Composite Network. <i>Scientific Reports</i> , 2015 , 5, 17201	4.9	29
197	Prioritizing cancer-related key miRNA-target interactions by integrative genomics. <i>Nucleic Acids Research</i> , 2012 , 40, 7653-65	20.1	29
196	Discovering dysfunction of multiple microRNAs cooperation in disease by a conserved microRNA co-expression network. <i>PLoS ONE</i> , 2012 , 7, e32201	3.7	29
195	Computational identification of human long intergenic non-coding RNAs using a GA-SVM algorithm. <i>Gene</i> , 2014 , 533, 94-9	3.8	28
194	A novel method to quantify gene set functional association based on gene ontology. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 1063-72	4.1	28
193	Comparative epigenetic analyses reveal distinct patterns of oncogenic pathways activation in breast cancer subtypes. <i>Human Molecular Genetics</i> , 2014 , 23, 5378-93	5.6	27
192	Antioxidant mechanism of Rutin on hypoxia-induced pulmonary arterial cell proliferation. <i>Molecules</i> , 2014 , 19, 19036-49	4.8	27
191	Identification and characterization of lncRNA mediated transcriptional dysregulation dictates lncRNA roles in glioblastoma. <i>Oncotarget</i> , 2016 , 7, 45027-45041	3.3	27
190	Spatiotemporal-specific lncRNAs in the brain, colon, liver and lung of macaque during development. <i>Molecular BioSystems</i> , 2015 , 11, 3253-63		26
189	Identifying core gene modules in glioblastoma based on multilayer factor-mediated dysfunctional regulatory networks through integrating multi-dimensional genomic data. <i>Nucleic Acids Research</i> , 2015 , 43, 1997-2007	20.1	26
188	Characterizing the network of drugs and their affected metabolic subpathways. <i>PLoS ONE</i> , 2012 , 7, e47	3326	26
187	Breast cancer prognosis signature: linking risk stratification to disease subtypes. <i>Briefings in Bioinformatics</i> , 2019 , 20, 2130-2140	13.4	26
186	Gain-of-Function Mutations: An Emerging Advantage for Cancer Biology. <i>Trends in Biochemical Sciences</i> , 2019 , 44, 659-674	10.3	24
185	LnChrom: a resource of experimentally validated lncRNA-chromatin interactions in human and mouse. <i>Database: the Journal of Biological Databases and Curation</i> , 2018 , 2018,	5	24
184	Dissection of miRNA-miRNA interaction in esophageal squamous cell carcinoma. <i>PLoS ONE</i> , 2013 , 8, e73	3 39 1	24
183	Identifying the crosstalk of dysfunctional pathways mediated by lncRNAs in breast cancer subtypes. <i>Molecular BioSystems</i> , 2016 , 12, 711-20		23

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ESEA: Discovering the Dysregulated Pathways based on Edge Set Enrichment Analysis. <i>Scientific Reports</i> , 2015 , 5, 13044	4.9	23
Genome-wide DNA methylome reveals the dysfunction of intronic microRNAs in major psychosis. <i>BMC Medical Genomics</i> , 2015 , 8, 62	3.7	23
Identification of miRNA-mediated core gene module for glioma patient prediction by integrating high-throughput miRNA, mRNA expression and pathway structure. <i>PLoS ONE</i> , 2014 , 9, e96908	3.7	23
CLIC1 a novel biomarker of intraperitoneal metastasis in serous epithelial ovarian cancer. <i>Tumor Biology</i> , 2015 , 36, 4175-9	2.9	22
Identifying dysfunctional miRNA-mRNA regulatory modules by inverse activation, cofunction, and high interconnection of target genes: a case study of glioblastoma. <i>Neuro-Oncology</i> , 2013 , 15, 818-28	1	22
Cancer killers in the human gut microbiota: diverse phylogeny and broad spectra. <i>Oncotarget</i> , 2017 , 8, 49574-49591	3.3	22
Competing endogenous RNA network analysis identifies critical genes among the different breast cancer subtypes. <i>Oncotarget</i> , 2017 , 8, 10171-10184	3.3	21
Identifying Cancer Driver lncRNAs Bridged by Functional Effectors through Integrating Multi-omics Data in Human Cancers. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 17, 362-373	10.7	20
Predicting the functions of long noncoding RNAs using RNA-seq based on Bayesian network. BioMed Research International, 2015 , 2015, 839590	3	20
Genome-wide methylome analyses reveal novel epigenetic regulation patterns in schizophrenia and bipolar disorder. <i>BioMed Research International</i> , 2015 , 2015, 201587	3	20
Computational identification of epigenetically regulated lncRNAs and their associated genes based on integrating genomic data. <i>FEBS Letters</i> , 2015 , 589, 521-31	3.8	20
CpG island methylator phenotype and prognosis of colorectal cancer in Northeast China. <i>BioMed Research International</i> , 2014 , 2014, 236361	3	20
Improved method for prioritization of disease associated lncRNAs based on ceRNA theory and functional genomics data. <i>Oncotarget</i> , 2017 , 8, 4642-4655	3.3	20
A global view of network of lncRNAs and their binding proteins. <i>Molecular BioSystems</i> , 2015 , 11, 656-63		19
Dissection of the potential characteristic of miRNA-miRNA functional synergistic regulations. <i>Molecular BioSystems</i> , 2013 , 9, 217-24		19
The LncRNA Connectivity Map: Using LncRNA Signatures to Connect Small Molecules, LncRNAs, and Diseases. <i>Scientific Reports</i> , 2017 , 7, 6655	4.9	19
Comparative genomic analysis reveals evolutionary characteristics and patterns of microRNA clusters in vertebrates. <i>Gene</i> , 2013 , 512, 383-91	3.8	19
Identifying mutual exclusivity across cancer genomes: computational approaches to discover genetic interaction and reveal tumor vulnerability. <i>Briefings in Bioinformatics</i> , 2019 , 20, 254-266	13.4	19
	Genome-wide DNA methylome reveals the dysfunction of intronic microRNAs in major psychosis. BMC Medical Genomics, 2015, 8, 62 Identification of miRNA-mediated core gene module for glioma patient prediction by integrating high-throughput miRNA, mRNA expression and pathway structure. PLoS ONE, 2014, 9, e96908 CLIC1 a novel biomarker of intraperitoneal metastasis in serous epithelial ovarian cancer. Tumor Biology, 2015, 36, 4175-9 Identifying dysfunctional miRNA-mRNA regulatory modules by inverse activation, cofunction, and high interconnection of target genes: a case study of glioblastoma. Neuro-Oncology, 2013, 15, 818-28 Cancer killers in the human gut microbiota: diverse phylogeny and broad spectra. Oncotarget, 2017, 8, 49574-49591 Competing endogenous RNA network analysis identifies critical genes among the different breast cancer subtypes. Oncotarget, 2017, 8, 10171-10184 Identifying Cancer Driver IncRNAs Bridged by Functional Effectors through Integrating Multi-omics Data in Human Cancers. Molecular Therapy - Nucleic Acids, 2019, 17, 362-373 Predicting the functions of long noncoding RNAs using RNA-seq based on Bayesian network. BioMed Research International, 2015, 2015, 839590 Genome-wide methylome analyses reveal novel epigenetic regulation patterns in schizophrenia and bipolar disorder. BioMed Research International, 2015,	Reports, 2015, 5, 13044 Genome-wide DNA methylome reveals the dysfunction of intronic microRNAs in major psychosis. BMC Medical Genomics, 2015, 8, 62 Identification of miRNA-mediated core gene module for glioma patient prediction by integrating high-throughput miRNA, mRNA expression and pathway structure. PLoS ONE, 2014, 9, e96908 37 CLIC1 a novel biomarker of intraperitoneal metastasis in serous epithelial ovarian cancer. Tumor Biology, 2015, 36, 4175-9 Identifying dysfunctional miRNA-mRNA regulatory modules by inverse activation, cofunction, and high interconnection of target genes: a case study of glioblastoma. Neuro-Oncology, 2013, 15, 818-28 Cancer killers in the human gut microbiota: diverse phylogeny and broad spectra. Oncotarget, 2017, 8, 49574-49591 Competing endogenous RNA network analysis identifies critical genes among the different breast cancer subtypes. Oncotarget, 2017, 8, 10171-10184 33 Identifying Cancer Driver IncRNAs Bridged by Functional Effectors through Integrating Multi-omics Data in Human Cancers. Molecular Therapy - Nucleic Acids, 2019, 17, 362-373 39-7 Predicting the functions of long noncoding RNAs using RNA-seq based on Bayesian network. BioMed Research International, 2015, 2015, 839590 Genome-wide methylome analyses reveal novel epigenetic regulation patterns in schizophrenia and bipolar disorder. BioMed Research International, 2015, 2015, 89, 521-31 CpG island methylator phenotype and prognosis of colorectal cancer in Northeast China. BioMed Research International, 2014, 2036361 Improved method for prioritization of disease associated IncRNAs based on ceRNA theory and functional genomics data. Oncotarget, 2017, 8, 4642-4655 A global view of network of IncRNAs and their binding proteins. Molecular BioSystems, 2015, 11, 656-63 Dissection of the potential characteristic of miRNA-miRNA functional synergistic regulations. Molecular BioSystems, 2013, 9, 217-24 The LncRNA Connectivity Map: Using LncRNA Signatures to Connect Small Molecules, LncRNAs, and Diseases. Scienti

164	SurvivalMeth: a web server to investigate the effect of DNA methylation-related functional elements on prognosis. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	19
163	Comprehensive analysis of long noncoding RNA (lncRNA)-chromatin interactions reveals lncRNA functions dependent on binding diverse regulatory elements. <i>Journal of Biological Chemistry</i> , 2019 , 294, 15613-15622	5.4	18
162	Inferences of individual drug responses across diverse cancer types using a novel competing endogenous RNA network. <i>Molecular Oncology</i> , 2018 , 12, 1429-1446	7.9	18
161	Integrating multi-omics for uncovering the architecture of cross-talking pathways in breast cancer. <i>PLoS ONE</i> , 2014 , 9, e104282	3.7	18
160	Strategies for genetic mapping of categorical traits. <i>Genetica</i> , 2000 , 109, 183-97	1.5	18
159	Subpathway-GMir: identifying miRNA-mediated metabolic subpathways by integrating condition-specific genes, microRNAs, and pathway topologies. <i>Oncotarget</i> , 2015 , 6, 39151-64	3.3	18
158	Cooperative genomic alteration network reveals molecular classification across 12 major cancer types. <i>Nucleic Acids Research</i> , 2017 , 45, 567-582	20.1	17
157	Survey of miRNA-miRNA cooperative regulation principles across cancer types. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1621-1638	13.4	17
156	A robust approach based on Weibull distribution for clustering gene expression data. <i>Algorithms for Molecular Biology</i> , 2011 , 6, 14	1.8	17
155	Analysis of synonymous codon usage in chloroplast genome of Populus alba. <i>Journal of Forestry Research</i> , 2008 , 19, 293-297	2	17
154	Risk factors for cerebrovascular disease mortality among the elderly in Beijing: a competing risk analysis. <i>PLoS ONE</i> , 2014 , 9, e87884	3.7	17
153	Prioritizing candidate disease metabolites based on global functional relationships between metabolites in the context of metabolic pathways. <i>PLoS ONE</i> , 2014 , 9, e104934	3.7	17
152	Gene expression profiling in human lung development: an abundant resource for lung adenocarcinoma prognosis. <i>PLoS ONE</i> , 2014 , 9, e105639	3.7	17
151	LnCeCell: a comprehensive database of predicted lncRNA-associated ceRNA networks at single-cell resolution. <i>Nucleic Acids Research</i> , 2021 , 49, D125-D133	20.1	17
150	miRNA-miRNA crosstalk: from genomics to phenomics. <i>Briefings in Bioinformatics</i> , 2017 , 18, 1002-1011	13.4	16
149	Identification of a core miRNA-pathway regulatory network in glioma by therapeutically targeting miR-181d, miR-21, miR-23b, ECatenin, CBP, and STAT3. <i>PLoS ONE</i> , 2014 , 9, e101903	3.7	16
148	Subpathway-LNCE: Identify dysfunctional subpathways competitively regulated by lncRNAs through integrating lncRNA-mRNA expression profile and pathway topologies. <i>Oncotarget</i> , 2016 , 7, 698	337-69	8 7 6
147	Spatiotemporal Cluster Patterns of Hand, Foot, and Mouth Disease at the County Level in Mainland China, 2008-2012. <i>PLoS ONE</i> , 2016 , 11, e0147532	3.7	16

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146	MERIT: Systematic Analysis and Characterization of Mutational Effect on RNA Interactome Topology. <i>Hepatology</i> , 2019 , 70, 532-546	11.2	16
145	Sex difference of mutation clonality in diffuse glioma evolution. <i>Neuro-Oncology</i> , 2019 , 21, 201-213	1	16
144	SNP@lincTFBS: an integrated database of polymorphisms in human LincRNA transcription factor binding sites. <i>PLoS ONE</i> , 2014 , 9, e103851	3.7	15
143	TMREC: A Database of Transcription Factor and MiRNA Regulatory Cascades in Human Diseases. <i>PLoS ONE</i> , 2015 , 10, e0125222	3.7	15
142	Dysregulated long intergenic non-coding RNA modules contribute to heart failure. <i>Oncotarget</i> , 2016 , 7, 59676-59690	3.3	15
141	Construction of a lncRNA-mediated feed-forward loop network reveals global topological features and prognostic motifs in human cancers. <i>Oncotarget</i> , 2016 , 7, 45937-45947	3.3	15
140	Insight into HOTAIR structural features and functions as landing pads for transcription regulation proteins. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 679-685	3.4	14
139	Gene Perturbation Atlas (GPA): a single-gene perturbation repository for characterizing functional mechanisms of coding and non-coding genes. <i>Scientific Reports</i> , 2015 , 5, 10889	4.9	14
138	LncSpA: LncRNA Spatial Atlas of Expression across Normal and Cancer Tissues. <i>Cancer Research</i> , 2020 , 80, 2067-2071	10.1	14
137	From phenotype to gene: detecting disease-specific gene functional modules via a text-based human disease phenotype network construction. <i>FEBS Letters</i> , 2010 , 584, 3635-43	3.8	14
136	Characterization of SMAD3 Gene Variants for Possible Roles in Ventricular Septal Defects and Other Congenital Heart Diseases. <i>PLoS ONE</i> , 2015 , 10, e0131542	3.7	14
135	Capturing functional long non-coding RNAs through integrating large-scale causal relations from gene perturbation experiments. <i>EBioMedicine</i> , 2018 , 35, 369-380	8.8	14
134	LncRNAs2Pathways: Identifying the pathways influenced by a set of lncRNAs of interest based on a global network propagation method. <i>Scientific Reports</i> , 2017 , 7, 46566	4.9	13
133	Support Vector Machine for Analyzing Contributions of Brain Regions During Task-State fMRI. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 10	3.9	13
132	The trajectories and correlation between physical limitation and depression in elderly residents of Beijing, 1992-2009. <i>PLoS ONE</i> , 2012 , 7, e42999	3.7	13
131	Systematic analysis of human microRNA divergence based on evolutionary emergence. <i>FEBS Letters</i> , 2011 , 585, 240-8	3.8	13
130	Patterns of synonymous codon usage bias in chloroplast genomes of seed plants. <i>Forestry Studies in China</i> , 2008 , 10, 235-242		13
129	Phylogeography and Origin of Sheep Breeds in Northern China. <i>Conservation Genetics</i> , 2006 , 7, 117-127	2.6	13

128	mirTarPri: improved prioritization of microRNA targets through incorporation of functional genomics data. <i>PLoS ONE</i> , 2013 , 8, e53685	3.7	13
127	Complex impact of DNA methylation on transcriptional dysregulation across 22 human cancer types. <i>Nucleic Acids Research</i> , 2020 , 48, 2287-2302	20.1	13
126	GDF11 inhibits cardiomyocyte pyroptosis and exerts cardioprotection in acute myocardial infarction mice by upregulation of transcription factor HOXA3. <i>Cell Death and Disease</i> , 2020 , 11, 917	9.8	13
125	A pan-cancer atlas of cancer hallmark-associated candidate driver lncRNAs. <i>Molecular Oncology</i> , 2018 , 12, 1980-2005	7.9	13
124	Comprehensive Characterization of Somatic Mutations Impacting lncRNA Expression for Pan-Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 18, 66-79	10.7	12
123	Combinatorial epigenetic regulation of non-coding RNAs has profound effects on oncogenic pathways in breast cancer subtypes. <i>Briefings in Bioinformatics</i> , 2018 , 19, 52-64	13.4	12
122	SynBioLGDB: a resource for experimentally validated logic gates in synthetic biology. <i>Scientific Reports</i> , 2015 , 5, 8090	4.9	12
121	Differential expression pattern-based prioritization of candidate genes through integrating disease-specific expression data. <i>Genomics</i> , 2011 , 98, 64-71	4.3	12
120	Systematic review regulatory principles of non-coding RNAs in cardiovascular diseases. <i>Briefings in Bioinformatics</i> , 2019 , 20, 66-76	13.4	12
119	LincSNP 3.0: an updated database for linking functional variants to human long non-coding RNAs, circular RNAs and their regulatory elements. <i>Nucleic Acids Research</i> , 2021 , 49, D1244-D1250	20.1	12
118	A novel dysregulated pathway-identification analysis based on global influence of within-pathway effects and crosstalk between pathways. <i>Journal of the Royal Society Interface</i> , 2015 , 12, 20140937	4.1	11
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19	Dynamic Expression of mA Regulators During Multiple Human Tissue Development and Cancers. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 629030	5.7	1
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14	Identifying individualized risk subpathways reveals pan-cancer molecular classification based on multi-omics data <i>Computational and Structural Biotechnology Journal</i> , 2022 , 20, 838-849	6.8	О
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9	Identifying metabolic reprogramming phenotypes with glycolysis-lipid metabolism discoordination and intercellular communication for lung adenocarcinoma metastasis <i>Communications Biology</i> , 2022 , 5, 198	6.7	O
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LIST OF PUBLICATIONS

2	Genomic-Scale Prioritization of Disease-Related Non-coding RNAs. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1094, 29-37	3.6
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