

# Dissecting direct reprogramming from fibroblast to neu

Nature

534, 391-395

DOI: [10.1038/nature18323](https://doi.org/10.1038/nature18323)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cycling through developmental decisions: how cell cycle dynamics control pluripotency, differentiation and reprogramming. <i>Development (Cambridge)</i> , 2016, 143, 4301-4311.	1.2	151
2	Dominant Isoform in Alternative Splicing in HeLa S3 Cell Line Revealed by Single-cell RNA-seq. , 2016, , .		3
3	Small molecules increase direct neural conversion of human fibroblasts. <i>Scientific Reports</i> , 2016, 6, 38290.	1.6	48
4	Advanced Technologies Lead iNto New Reprogramming Routes. <i>Cell Stem Cell</i> , 2016, 19, 286-288.	5.2	0
5	InÂVivo Cellular Reprogramming: The Next Generation. <i>Cell</i> , 2016, 166, 1386-1396.	13.5	234
6	Computational methods for trajectory inference from singleâ€cell transcriptomics. <i>European Journal of Immunology</i> , 2016, 46, 2496-2506.	1.6	169
7	Direct lineage reprogramming via pioneer factors; a detour through developmental gene regulatory networks. <i>Development (Cambridge)</i> , 2016, 143, 2696-2705.	1.2	67
8	Targeted Epigenetic Remodeling of Endogenous Loci by CRISPR/Cas9-Based Transcriptional Activators Directly Converts Fibroblasts to Neuronal Cells. <i>Cell Stem Cell</i> , 2016, 19, 406-414.	5.2	182
9	Stem cells: a dish of neurons. <i>Nature Methods</i> , 2016, 13, 617-622.	9.0	3
10	Disentangling neural cell diversity using single-cell transcriptomics. <i>Nature Neuroscience</i> , 2016, 19, 1131-1141.	7.1	283
11	Epigenetic Control of Reprogramming and Transdifferentiation by Histone Modifications. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 708-720.	5.6	26
12	Cellular identity at the single-cell level. <i>Molecular BioSystems</i> , 2016, 12, 2965-2979.	2.9	17
13	Computational methods for direct cell conversion. <i>Cell Cycle</i> , 2016, 15, 3343-3354.	1.3	13
14	Targeting Mll1 H3K4 methyltransferase activity to guide cardiac lineage specific reprogramming of fibroblasts. <i>Cell Discovery</i> , 2016, 2, 16036.	3.1	42
15	Brain versus brawn. <i>Nature</i> , 2016, 534, 332-333.	13.7	5
16	Pooled CRISPR screening with single-cell transcriptome readout. <i>Nature Methods</i> , 2017, 14, 297-301.	9.0	749
17	Single-cell mRNA quantification and differential analysis with Census. <i>Nature Methods</i> , 2017, 14, 309-315.	9.0	1,179
18	Studying hematopoiesis using single-cell technologies. <i>Journal of Hematology and Oncology</i> , 2017, 10, 27.	6.9	39

#	ARTICLE	IF	CITATIONS
19	Dissection of Regulatory Elements During Direct Conversion of Somatic Cells Into Neurons. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3158-3170.	1.2	8
20	Single-cell transcriptome conservation in cryopreserved cells and tissues. <i>Genome Biology</i> , 2017, 18, 45.	3.8	134
21	Single-Cell Transcriptome Analysis of Neural Stem Cells. <i>Current Pharmacology Reports</i> , 2017, 3, 68-76.	1.5	3
22	Deconstructing Olfactory Stem Cell Trajectories at Single-Cell Resolution. <i>Cell Stem Cell</i> , 2017, 20, 817-830.e8.	5.2	164
23	PRODUCTION OF A PRELIMINARY QUALITY CONTROL PIPELINE FOR SINGLE NUCLEI RNA-SEQ AND ITS APPLICATION IN THE ANALYSIS OF CELL TYPE DIVERSITY OF POST-MORTEM HUMAN BRAIN NEOCORTEX. , 2017, 22, 564-575.		8
24	Adaptation responses of individuals to environmental changes in the ciliate <i>Euplotes crassus</i> . <i>Ocean Science Journal</i> , 2017, 52, 127-138.	0.6	3
25	Towards understanding transcriptional networks in cellular reprogramming. <i>Current Opinion in Genetics and Development</i> , 2017, 46, 1-8.	1.5	3
26	Brain repair from intrinsic cell sources. <i>Progress in Brain Research</i> , 2017, 230, 69-97.	0.9	42
27	The novel tool of cell reprogramming for applications in molecular medicine. <i>Journal of Molecular Medicine</i> , 2017, 95, 695-703.	1.7	19
28	Measuring Signaling and RNA-Seq in the Same Cell Links Gene Expression to Dynamic Patterns of NF- $\kappa$ B Activation. <i>Cell Systems</i> , 2017, 4, 458-469.e5.	2.9	141
29	Partial Reprogramming of Pluripotent Stem Cell-Derived Cardiomyocytes into Neurons. <i>Scientific Reports</i> , 2017, 7, 44840.	1.6	16
30	SCODE: an efficient regulatory network inference algorithm from single-cell RNA-Seq during differentiation. <i>Bioinformatics</i> , 2017, 33, 2314-2321.	1.8	297
31	Single-Cell Transcriptional Analysis. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 439-462.	2.8	93
32	Future perspectives in adult stem cell turnover: Implications for endocrine physiology and disease. <i>Molecular and Cellular Endocrinology</i> , 2017, 445, 1-6.	1.6	3
34	Dysregulated gene expressions of MEX3D, FOS and BCL2 in human induced-neuronal (iN) cells from NF1 patients: a pilot study. <i>Scientific Reports</i> , 2017, 7, 13905.	1.6	13
35	The BRAIN Initiative Cell Census Consortium: Lessons Learned toward Generating a Comprehensive Brain Cell Atlas. <i>Neuron</i> , 2017, 96, 542-557.	3.8	235
36	Rapid Chromatin Switch in the Direct Reprogramming of Fibroblasts to Neurons. <i>Cell Reports</i> , 2017, 20, 3236-3247.	2.9	121
37	RNA localization is a key determinant of neurite-enriched proteome. <i>Nature Communications</i> , 2017, 8, 583.	5.8	176

#	ARTICLE	IF	CITATIONS
38	Reprogramming of somatic cells. <i>Progress in Brain Research</i> , 2017, 230, 53-68.	0.9	7
39	ASCL1 Reorganizes Chromatin to Direct Neuronal Fate and Suppress Tumorigenicity of Glioblastoma Stem Cells. <i>Cell Stem Cell</i> , 2017, 21, 209-224.e7.	5.2	150
40	Programming and reprogramming the brain: a meeting of minds in neural fate. <i>Development (Cambridge)</i> , 2017, 144, 2714-2718.	1.2	4
41	Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. <i>Cell Reports</i> , 2017, 20, 1136-1147.	2.9	26
42	In vivo reprogramming for tissue regeneration and organismal rejuvenation. <i>Current Opinion in Genetics and Development</i> , 2017, 46, 132-140.	1.5	31
43	In Vivo Lineage Reprogramming of Fibroblasts to Cardiomyocytes for Heart Regeneration. <i>Pancreatic Islet Biology</i> , 2017, , 45-63.	0.1	1
44	New technologies for engineering neural tissue from stem cells. , 2017, , 181-204.		1
45	Stem cells and their applications in repairing the damaged nervous system. , 2017, , 39-64.		1
46	Single-cell Co-expression Subnetwork Analysis. <i>Scientific Reports</i> , 2017, 7, 15066.	1.6	19
47	Injury Activates Transient Olfactory Stem Cell States with Diverse Lineage Capacities. <i>Cell Stem Cell</i> , 2017, 21, 775-790.e9.	5.2	67
48	Generation of Induced Progenitor-like Cells from Mature Epithelial Cells Using Interrupted Reprogramming. <i>Stem Cell Reports</i> , 2017, 9, 1780-1795.	2.3	30
49	Construction of developmental lineage relationships in the mouse mammary gland by single-cell RNA profiling. <i>Nature Communications</i> , 2017, 8, 1627.	5.8	151
50	Direct induction of functional neuronal cells from fibroblast-like cells derived from adult human retina. <i>Stem Cell Research</i> , 2017, 23, 61-72.	0.3	7
51	Direct Neuronal Reprogramming: Achievements, Hurdles, and New Roads to Success. <i>Cell Stem Cell</i> , 2017, 21, 18-34.	5.2	147
52	Engineering cell identity: establishing new gene regulatory and chromatin landscapes. <i>Current Opinion in Genetics and Development</i> , 2017, 46, 50-57.	1.5	29
53	Comprehensive investigation of temporal and autism-associated cell type composition-dependent and independent gene expression changes in human brains. <i>Scientific Reports</i> , 2017, 7, 4121.	1.6	34
54	Production of endothelial progenitor cells from skin fibroblasts by direct reprogramming for clinical usages. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 207-216.	0.7	11
55	Direct Conversion Through Trans-Differentiation: Efficacy and Safety. <i>Stem Cells and Development</i> , 2017, 26, 154-165.	1.1	12

#	ARTICLE	IF	CITATIONS
56	Cerebral cortical neuron diversity and development at single-cell resolution. <i>Current Opinion in Neurobiology</i> , 2017, 42, 9-16.	2.0	51
57	In Vivo Reprogramming in Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2017, , .	0.1	0
58	Transcriptional signatures of schizophrenia in hiPSC-derived NPCs and neurons are concordant with post-mortem adult brains. <i>Nature Communications</i> , 2017, 8, 2225.	5.8	143
59	Genomic and molecular control of cell type and cell type conversions. <i>Cell Regeneration</i> , 2017, 6, 1-7.	1.1	12
60	Direct reprogramming of mouse fibroblasts into neural cells via <i>Porphyra yezoensis</i> polysaccharide based high efficient gene co-delivery. <i>Journal of Nanobiotechnology</i> , 2017, 15, 82.	4.2	7
61	Single-cell RNA-Seq analysis reveals dynamic trajectories during mouse liver development. <i>BMC Genomics</i> , 2017, 18, 946.	1.2	70
62	Mouse embryonic stem cells can differentiate via multiple paths to the same state. <i>ELife</i> , 2017, 6, .	2.8	63
63	Induced Pluripotent Stem Cell Neuronal Models for the Study of Autophagy Pathways in Human Neurodegenerative Disease. <i>Cells</i> , 2017, 6, 24.	1.8	18
64	The Human Cell Atlas. <i>ELife</i> , 2017, 6, .	2.8	1,547
65	Direct conversion of human fibroblasts to functional excitatory cortical neurons integrating into human neural networks. <i>Stem Cell Research and Therapy</i> , 2017, 8, 207.	2.4	45
66	Mapping the Mouse Cell Atlas by Microwell-Seq. <i>Cell</i> , 2018, 172, 1091-1107.e17.	13.5	1,068
67	Materials for Neural Differentiation, Transâ€Differentiation, and Modeling of Neurological Disease. <i>Advanced Materials</i> , 2018, 30, e1705684.	11.1	30
68	<i>Brn2</i> Alone Is Sufficient to Convert Astrocytes into Neural Progenitors and Neurons. <i>Stem Cells and Development</i> , 2018, 27, 736-744.	1.1	20
69	The polyâ€cistronic expression of four transcriptional factors (CRX, RAX, NEUROâ€OTX2) in fibroblasts via retroâ€or lentivirus causes partial reprogramming into photoreceptor cells. <i>Cell Biology International</i> , 2018, 42, 608-614.	1.4	3
70	Will cardiac surgeons even turn pumpkins into carriages?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1647-1649.	0.4	0
71	Reconstructing differentiation networks and their regulation from time series single-cell expression data. <i>Genome Research</i> , 2018, 28, 383-395.	2.4	39
72	scmap: projection of single-cell RNA-seq data across data sets. <i>Nature Methods</i> , 2018, 15, 359-362.	9.0	533
73	Natural and forced neurogenesis: similar and yet different?. <i>Cell and Tissue Research</i> , 2018, 371, 181-187.	1.5	1

#	ARTICLE	IF	CITATIONS
74	Differential gene regulatory networks in development and disease. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1013-1025.	2.4	78
75	Lessons from single-cell transcriptome analysis of oxygen-sensing cells. <i>Cell and Tissue Research</i> , 2018, 372, 403-415.	1.5	8
76	Single-cell RNA sequencing: Technical advancements and biological applications. <i>Molecular Aspects of Medicine</i> , 2018, 59, 36-46.	2.7	258
77	Cell Subclass Identification in Single-Cell RNA-Sequencing Data Using Orthogonal Nonnegative Matrix Factorization. , 2018, , .		1
79	Combined Numerical and Experimental Investigation of Localized Electroporation-Based Cell Transfection and Sampling. <i>ACS Nano</i> , 2018, 12, 12118-12128.	7.3	85
80	Transdifferentiating Astrocytes Into Neurons Using ASCL1 Functionalized With a Novel Intracellular Protein Delivery Technology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 173.	2.0	11
81	Understanding the Biology and Pathogenesis of the Kidney by Single-Cell Transcriptomic Analysis. <i>Kidney Diseases (Basel, Switzerland)</i> , 2018, 4, 214-225.	1.2	5
82	Tracing the Origins of Axolotl Limb Regeneration. <i>Developmental Cell</i> , 2018, 47, 675-677.	3.1	3
83	Direct reprogramming of fibroblasts into antigen-presenting dendritic cells. <i>Science Immunology</i> , 2018, 3, .	5.6	62
84	Single-cell mapping of lineage and identity in direct reprogramming. <i>Nature</i> , 2018, 564, 219-224.	13.7	255
85	Single-Cell RNA-Seq Uncovers a Robust Transcriptional Response to Morphine by Glia. <i>Cell Reports</i> , 2018, 24, 3619-3629.e4.	2.9	109
86	KMT2B Is Selectively Required for Neuronal Transdifferentiation, and Its Loss Exposes Dystonia Candidate Genes. <i>Cell Reports</i> , 2018, 25, 988-1001.	2.9	28
87	Aligning Single-Cell Developmental and Reprogramming Trajectories Identifies Molecular Determinants of Myogenic Reprogramming Outcome. <i>Cell Systems</i> , 2018, 7, 258-268.e3.	2.9	65
88	Aging in a Dish: iPSC-Derived and Directly Induced Neurons for Studying Brain Aging and Age-Related Neurodegenerative Diseases. <i>Annual Review of Genetics</i> , 2018, 52, 271-293.	3.2	206
89	Single-cell genomics to guide human stem cell and tissue engineering. <i>Nature Methods</i> , 2018, 15, 661-667.	9.0	52
90	Combining NGN2 Programming with Developmental Patterning Generates Human Excitatory Neurons with NMDAR-Mediated Synaptic Transmission. <i>Cell Reports</i> , 2018, 23, 2509-2523.	2.9	168
91	Creating Lineage Trajectory Maps Via Integration of Single-Cell RNA-Sequencing and Lineage Tracing. <i>BioEssays</i> , 2018, 40, e1800056.	1.2	21
93	LONGO: an R package for interactive gene length dependent analysis for neuronal identity. <i>Bioinformatics</i> , 2018, 34, i422-i428.	1.8	19

#	ARTICLE	IF	CITATIONS
94	Single-cell RNA-seq analysis identifies markers of resistance to targeted BRAF inhibitors in melanoma cell populations. <i>Genome Research</i> , 2018, 28, 1353-1363.	2.4	71
95	High-resolution transcriptional dissection of in vivo Atoh1-mediated hair cell conversion in mature cochleae identifies Isl1 as a co-reprogramming factor. <i>PLoS Genetics</i> , 2018, 14, e1007552.	1.5	68
96	DrImpute: imputing dropout events in single cell RNA sequencing data. <i>BMC Bioinformatics</i> , 2018, 19, 220.	1.2	258
97	More than one way to induce a neuron. <i>Nature</i> , 2018, 557, 316-317.	13.7	3
98	Transdifferentiation: do transition states lie on the path of development?. <i>Current Opinion in Systems Biology</i> , 2018, 11, 18-23.	1.3	17
99	Cell fate reprogramming through engineering of native transcription factors. <i>Current Opinion in Genetics and Development</i> , 2018, 52, 109-116.	1.5	8
100	TCM visualizes trajectories and cell populations from single cell data. <i>Nature Communications</i> , 2018, 9, 2749.	5.8	18
101	Direct Reprogramming of Spiral Ganglion Non-neuronal Cells into Neurons: Toward Ameliorating Sensorineural Hearing Loss by Gene Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 16.	1.8	36
102	Single-Cell Transcriptomics Meets Lineage Tracing. <i>Cell Stem Cell</i> , 2018, 23, 166-179.	5.2	306
103	Reprogramming, oscillations and transdifferentiation in epigenetic landscapes. <i>Scientific Reports</i> , 2018, 8, 7358.	1.6	14
104	Diverse reprogramming codes for neuronal identity. <i>Nature</i> , 2018, 557, 375-380.	13.7	94
105	In situ transcriptome characteristics are lost following culture adaptation of adult cardiac stem cells. <i>Scientific Reports</i> , 2018, 8, 12060.	1.6	30
106	Transdifferentiation of human adult peripheral blood T cells into neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6470-6475.	3.3	71
107	Understanding direct neuronal reprogramming "from pioneer factors to 3D chromatin. <i>Current Opinion in Genetics and Development</i> , 2018, 52, 65-69.	1.5	8
108	Neural stem cell heterogeneity in the mammalian forebrain. <i>Progress in Neurobiology</i> , 2018, 170, 2-36.	2.8	15
109	Direct pericyte-to-neuron reprogramming via unfolding of a neural stem cell-like program. <i>Nature Neuroscience</i> , 2018, 21, 932-940.	7.1	93
110	Using Large Datasets to Understand Nanotechnology. <i>Advanced Materials</i> , 2019, 31, e1902798.	11.1	45
111	Distinct Molecular Trajectories Converge to Induce Naive Pluripotency. <i>Cell Stem Cell</i> , 2019, 25, 388-406.e8.	5.2	33

#	ARTICLE	IF	CITATIONS
112	Antioxidant Regulation of Cell Reprogramming. <i>Antioxidants</i> , 2019, 8, 323.	2.2	7
113	SingleCellNet: A Computational Tool to Classify Single Cell RNA-Seq Data Across Platforms and Across Species. <i>Cell Systems</i> , 2019, 9, 207-213.e2.	2.9	225
114	Single-cell landscape in mammary epithelium reveals bipotent-like cells associated with breast cancer risk and outcome. <i>Communications Biology</i> , 2019, 2, 306.	2.0	41
115	Reconstructing complex lineage trees from scRNA-seq data using MERLoT. <i>Nucleic Acids Research</i> , 2019, 47, 8961-8974.	6.5	18
116	Single-cell multimodal transcriptomics to study neuronal diversity in human stem cell-derived brain tissue and organoid models. <i>Journal of Neuroscience Methods</i> , 2019, 325, 108350.	1.3	26
117	Single-Cell Analysis Reveals Regional Reprogramming During Adaptation to Massive Small Bowel Resection in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 407-426.	2.3	24
118	Searching for Potential Lipid Biomarkers of Parkinson's Disease in Parkin-Mutant Human Skin Fibroblasts by HILIC-ESI-MS/MS: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3341.	1.8	15
119	Cell Reprogramming: The Many Roads to Success. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 433-452.	4.0	51
120	Direct Lineage Reprogramming for Brain Repair: Breakthroughs and Challenges. <i>Trends in Molecular Medicine</i> , 2019, 25, 897-914.	3.5	32
121	Direct reprogramming into interneurons: potential for brain repair. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3953-3967.	2.4	23
122	Single-Cell Transcriptomic Analyses of Cell Fate Transitions during Human Cardiac Reprogramming. <i>Cell Stem Cell</i> , 2019, 25, 149-164.e9.	5.2	87
123	Context-Specific Transcription Factor Functions Regulate Epigenomic and Transcriptional Dynamics during Cardiac Reprogramming. <i>Cell Stem Cell</i> , 2019, 25, 87-102.e9.	5.2	89
124	CRISPR/dCas9-mediated activation of multiple endogenous target genes directly converts human foreskin fibroblasts into Leydig-like cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6072-6084.	1.6	14
125	Quantifying the interplay between genetic and epigenetic regulations in stem cell development. <i>New Journal of Physics</i> , 2019, 21, 103042.	1.2	12
126	Next-generation disease modeling with direct conversion: a new path to old neurons. <i>FEBS Letters</i> , 2019, 593, 3316-3337.	1.3	38
127	Acquisition of functional neurons by direct conversion: Switching the developmental clock directly. <i>Journal of Genetics and Genomics</i> , 2019, 46, 459-465.	1.7	6
128	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
129	Global DNA methylation remodeling during direct reprogramming of fibroblasts to neurons. <i>ELife</i> , 2019, 8, .	2.8	64



#	ARTICLE	IF	CITATIONS
130	Examining the fundamental biology of a novel population of directly reprogrammed human neural precursor cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 166.	2.4	24
131	Rational Reprogramming of Cellular States by Combinatorial Perturbation. <i>Cell Reports</i> , 2019, 27, 3486-3499.e6.	2.9	18
132	Transcriptome Analysis of Small Molecule-Mediated Astrocyte-to-Neuron Reprogramming. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 82.	1.8	32
133	Identification of neutral and acidic glycosphingolipids in the human dermal fibroblasts. <i>Analytical Biochemistry</i> , 2019, 581, 113348.	1.1	13
134	Hand2 Selectively Reorganizes Chromatin Accessibility to Induce Pacemaker-like Transcriptional Reprogramming. <i>Cell Reports</i> , 2019, 27, 2354-2369.e7.	2.9	23
135	Investigating Cell Fate Decisions with ICGS Analysis of Single Cells. <i>Methods in Molecular Biology</i> , 2019, 1975, 251-275.	0.4	3
136	Signals trigger state-specific transcriptional programs to support diversity and homeostasis in immune cells. <i>Science Signaling</i> , 2019, 12, .	1.6	6
137	Continuous-state HMMs for modeling time-series single-cell RNA-Seq data. <i>Bioinformatics</i> , 2019, 35, 4707-4715.	1.8	34
138	Cell lineage inference from SNP and scRNA-Seq data. <i>Nucleic Acids Research</i> , 2019, 47, e56-e56.	6.5	21
139	Feedforward regulation of Myc coordinates lineage-specific with housekeeping gene expression during B cell progenitor cell differentiation. <i>PLoS Biology</i> , 2019, 17, e2006506.	2.6	8
140	Rate of Progression through a Continuum of Transit-Amplifying Progenitor Cell States Regulates Blood Cell Production. <i>Developmental Cell</i> , 2019, 49, 118-129.e7.	3.1	22
141	Recurrent Neural Network for Gene Regulation Network Construction on Time Series Expression Data. , 2019, , .		4
142	scPred: accurate supervised method for cell-type classification from single-cell RNA-seq data. <i>Genome Biology</i> , 2019, 20, 264.	3.8	263
143	Understanding and Modulating Immunity With Cell Reprogramming. <i>Frontiers in Immunology</i> , 2019, 10, 2809.	2.2	13
144	Turning fibroblasts into cardiomyocytes: technological review of cardiac transdifferentiation strategies. <i>FASEB Journal</i> , 2019, 33, 49-70.	0.2	14
145	Alternative 3' UTRs direct localization of functionally diverse protein isoforms in neuronal compartments. <i>Nucleic Acids Research</i> , 2019, 47, 2560-2573.	6.5	86
146	Glycolytic Switch Is Required for Transdifferentiation to Endothelial Lineage. <i>Circulation</i> , 2019, 139, 119-133.	1.6	35
147	Instructing neuronal identity during CNS development and astroglial-lineage reprogramming: Roles of NEUROG2 and ASCL1. <i>Brain Research</i> , 2019, 1705, 66-74.	1.1	20

#	ARTICLE	IF	CITATIONS
148	ELF: Extract Landmark Features By Optimizing Topology Maintenance, Redundancy, and Specificity. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 411-421.	1.9	3
149	Probing disrupted neurodevelopment in autism using human stem cell-derived neurons and organoids: An outlook into future diagnostics and drug development. Developmental Dynamics, 2020, 249, 6-33.	0.8	25
150	scTIM: seeking cell-type-indicative marker from single cell RNA-seq data by consensus optimization. Bioinformatics, 2020, 36, 2474-2485.	1.8	12
152	Quick Commitment and Efficient Reprogramming Route of Direct Induction of Retinal Ganglion Cell-like Neurons. Stem Cell Reports, 2020, 15, 1095-1110.	2.3	16
153	Engineering cell fate: Applying synthetic biology to cellular reprogramming. Current Opinion in Systems Biology, 2020, 24, 18-31.	1.3	13
154	Single-cell Transcriptome Profiling reveals Dermal and Epithelial cell fate decisions during Embryonic Hair Follicle Development. Theranostics, 2020, 10, 7581-7598.	4.6	46
155	Investigating higher-order interactions in single-cell data with scHOT. Nature Methods, 2020, 17, 799-806.	9.0	51
156	3Scover: Identifying Safeguard TF from Cell Type-TF Specificity Network by an Extended Minimum Set Cover Model. IScience, 2020, 23, 101227.	1.9	0
157	The iNs and Outs of Direct Reprogramming to Induced Neurons. Frontiers in Genome Editing, 2020, 2, 7.	2.7	7
158	KMT2B and Neuronal Transdifferentiation: Bridging Basic Chromatin Mechanisms to Disease Actionability. Neuroscience Insights, 2020, 15, 263310552092806.	0.9	1
159	scPADGRN: A preconditioned ADMM approach for reconstructing dynamic gene regulatory network using single-cell RNA sequencing data. PLoS Computational Biology, 2020, 16, e1007471.	1.5	9
160	A Widespread Neurogenic Potential of Neocortical Astrocytes Is Induced by Injury. Cell Stem Cell, 2020, 27, 605-617.e5.	5.2	77
161	Mapping regulators of cell fate determination: Approaches and challenges. APL Bioengineering, 2020, 4, 031501.	3.3	1
162	Single-Cell Analysis of Neonatal HSC Ontogeny Reveals Gradual and Uncoordinated Transcriptional Reprogramming that Begins before Birth. Cell Stem Cell, 2020, 27, 732-747.e7.	5.2	53
163	Looking at neurodevelopment through a big data lens. Science, 2020, 369, .	6.0	28
164	Heterogeneity and clonal relationships of adaptive immune cells in ulcerative colitis revealed by single-cell analyses. Science Immunology, 2020, 5, .	5.6	127
165	Chemicals orchestrate reprogramming with hierarchical activation of master transcription factors primed by endogenous Sox17 activation. Communications Biology, 2020, 3, 629.	2.0	7
166	Unraveling Targetable Systemic and Cell-Type-Specific Molecular Phenotypes of Alzheimer's and Parkinson's Brains With Digital Cytometry. Frontiers in Neuroscience, 2020, 14, 607215.	1.4	6

#	ARTICLE	IF	CITATIONS
167	APEC: an accession-based method for single-cell chromatin accessibility analysis. <i>Genome Biology</i> , 2020, 21, 116.	3.8	12
168	Direct reprogramming of mouse fibroblasts into hepatocyte-like cells by polyethyleneimine-modified nanoparticles through epigenetic activation of hepatic transcription factors. <i>Materials Today Chemistry</i> , 2020, 17, 100281.	1.7	4
169	Gene regulation inference from single-cell RNA-seq data with linear differential equations and velocity inference. <i>Bioinformatics</i> , 2020, 36, 4774-4780.	1.8	66
170	Transcription Factor-Based Fate Specification and Forward Programming for Neural Regeneration. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 121.	1.8	36
171	Time course regulatory analysis based on paired expression and chromatin accessibility data. <i>Genome Research</i> , 2020, 30, 622-634.	2.4	35
173	Pro-neuronal activity of Myod1 due to promiscuous binding to neuronal genes. <i>Nature Cell Biology</i> , 2020, 22, 401-411.	4.6	38
174	CALISTA: Clustering and LINEAGE Inference in Single-Cell Transcriptional Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 18.	2.0	10
175	Epitranscriptomic N <sup>6</sup> -Methyladenosine Modification Is Required for Direct Lineage Reprogramming into Neurons. <i>ACS Chemical Biology</i> , 2020, 15, 2087-2097.	1.6	8
176	Inferring TF activation order in time series scRNA-Seq studies. <i>PLoS Computational Biology</i> , 2020, 16, e1007644.	1.5	9
177	Neuroregeneration: Regulation in Neurodegenerative Diseases and Aging. <i>Biochemistry (Moscow)</i> , 2020, 85, 108-130.	0.7	13
178	Zfp281 orchestrates interconversion of pluripotent states by engaging Ehmt1 and Zic2. <i>EMBO Journal</i> , 2020, 39, e102591.	3.5	20
179	A Non-Negative Matrix Factorization-Based Framework for the Analysis of Multi-Class Time-Series Single-Cell RNA-Seq Data. <i>IEEE Access</i> , 2020, 8, 42342-42348.	2.6	3
180	Direct cell-fate conversion of somatic cells: Toward regenerative medicine and industries. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2020, 96, 131-158.	1.6	22
181	Imputing single-cell RNA-seq data by considering cell heterogeneity and prior expression of dropouts. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 29-40.	1.5	21
182	Population structure of <i>Cydia pomonella</i> granulovirus isolates revealed by quantitative analysis of genetic variation. <i>Virus Evolution</i> , 2021, 7, veaa073.	2.2	10
183	Dissecting Alzheimer's disease pathogenesis in human 2D and 3D models. <i>Molecular and Cellular Neurosciences</i> , 2021, 110, 103568.	1.0	30
184	Deconstructing Stepwise Fate Conversion of Human Fibroblasts to Neurons by MicroRNAs. <i>Cell Stem Cell</i> , 2021, 28, 127-140.e9.	5.2	39
185	Identify differential genes and cell subclusters from time-series scRNA-seq data using scTITANS. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4132-4141.	1.9	6

#	ARTICLE	IF	CITATIONS
186	Direct Conversion of Human Fibroblasts to Induced Neurons. <i>Methods in Molecular Biology</i> , 2021, 2352, 73-96.	0.4	4
187	Comparison of induced neurons reveals slower structural and functional maturation in humans than in apes. <i>ELife</i> , 2021, 10, .	2.8	34
188	Automated methods for cell type annotation on scRNA-seq data. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 961-969.	1.9	122
189	Direct In Vitro Reprogramming of Astrocytes into Induced Neurons. <i>Methods in Molecular Biology</i> , 2021, 2352, 13-29.	0.4	9
190	Generation of Induced Dopaminergic Neurons from Human Fetal Fibroblasts. <i>Methods in Molecular Biology</i> , 2021, 2352, 97-115.	0.4	1
191	Human iPSC-Based Modeling of Central Nervous System Disorders for Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1203.	1.8	26
192	On the origins and conceptual frameworks of natural plasticity—Lessons from single-cell models in <i>C. elegans</i> . <i>Current Topics in Developmental Biology</i> , 2021, 144, 111-159.	1.0	9
193	Enhanced efficiency of nonviral direct neuronal reprogramming on topographical patterns. <i>Biomaterials Science</i> , 2021, 9, 5175-5191.	2.6	9
194	An Introduction to Single-Cell RNA-Seq Analysis and its Applications. , 2021, , 116-128.		0
195	Asymmetric Cell Division of Fibroblasts is An Early Deterministic Step to Generate Elite Cells during Cell Reprogramming. <i>Advanced Science</i> , 2021, 8, 2003516.	5.6	7
196	Stem cell quiescence: the challenging path to activation. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	54
197	Molecular Mechanisms Underlying Ascl1-Mediated Astrocyte-to-Neuron Conversion. <i>Stem Cell Reports</i> , 2021, 16, 534-547.	2.3	21
200	scDetect: a rank-based ensemble learning algorithm for cell type identification of single-cell RNA sequencing in cancer. <i>Bioinformatics</i> , 2021, 37, 4115-4122.	1.8	3
201	Directly Reprogrammed Neurons as a Tool to Assess Neurotoxicity of the Contaminant 4-Hydroxy-2,3,5-trichlorobiphenyl (4-OH-CB72) in Melon-Headed Whales. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8159-8168.	4.6	4
202	CRISPR-Cas9—The Potential “Holy Grail” for Generating Biomedically Relevant Cells through Cell Fate Engineering. <i>Re:GEN Open</i> , 2021, 1, 1-13.	0.7	0
203	The Role of Neurod Genes in Brain Development, Function, and Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 662774.	1.4	73
204	Fusion of single-cell transcriptome and DNA-binding data, for genomic network inference in cortical development. <i>BMC Bioinformatics</i> , 2021, 22, 301.	1.2	0
205	Direct Neuronal Reprogramming: Bridging the Gap Between Basic Science and Clinical Application. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 681087.	1.8	25

#	ARTICLE	IF	CITATIONS
206	High-grade serous tubo-ovarian cancer refined with single-cell RNA sequencing: specific cell subtypes influence survival and determine molecular subtype classification. <i>Genome Medicine</i> , 2021, 13, 111.	3.6	70
207	A model explaining mRNA level fluctuations based on activity demands and RNA age. <i>PLoS Computational Biology</i> , 2021, 17, e1009188.	1.5	3
208	Heterogeneity of neurons reprogrammed from spinal cord astrocytes by the proneural factors <i>Ascl1</i> and <i>Neurogenin2</i> . <i>Cell Reports</i> , 2021, 36, 109409.	2.9	19
209	New Insights From Single-Cell Sequencing Data: Synovial Fibroblasts and Synovial Macrophages in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 709178.	2.2	32
210	Clarifying the Pathophysiological Mechanisms of Neuronal Abnormalities of <i>NF1</i> by Induced-Neuronal (iN) Cells from Human Fibroblasts. , 0, , .		0
211	Reactivation of the Hedgehog pathway in esophageal progenitors turns on an embryonic-like program to initiate columnar metaplasia. <i>Cell Stem Cell</i> , 2021, 28, 1411-1427.e7.	5.2	16
212	Dissecting dual roles of <i>MyoD</i> during lineage conversion to mature myocytes and myogenic stem cells. <i>Genes and Development</i> , 2021, 35, 1209-1228.	2.7	20
213	Regeneration of infarcted mouse hearts by cardiovascular tissue formed via the direct reprogramming of mouse fibroblasts. <i>Nature Biomedical Engineering</i> , 2021, 5, 880-896.	11.6	18
214	The cell as a bag of RNA. <i>Trends in Genetics</i> , 2021, 37, 1064-1068.	2.9	16
215	<i>NGN2</i> induces diverse neuron types from human pluripotency. <i>Stem Cell Reports</i> , 2021, 16, 2118-2127.	2.3	51
216	An intermediate state in trans-differentiation with proliferation, metabolic, and epigenetic switching. <i>IScience</i> , 2021, 24, 103057.	1.9	3
217	Endothelial reprogramming for vascular regeneration: Past milestones and future directions. <i>Seminars in Cell and Developmental Biology</i> , 2021, , .	2.3	2
218	Current Approaches and Molecular Mechanisms for Directly Reprogramming Fibroblasts Into Neurons and Dopamine Neurons. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 738529.	1.7	13
219	Cellular identity through the lens of direct lineage reprogramming. <i>Current Opinion in Genetics and Development</i> , 2021, 70, 97-103.	1.5	3
221	Transcriptional Profiling During Neural Conversion. <i>Methods in Molecular Biology</i> , 2021, 2352, 171-181.	0.4	0
222	Single-Cell Capture, RNA-seq, and Transcriptome Analysis from the Neural Retina. <i>Methods in Molecular Biology</i> , 2020, 2092, 159-186.	0.4	7
223	Approaches to Regenerate Hair Cell and Spiral Ganglion Neuron in the Inner Ear. , 2020, , 89-111.		1
224	Direct cell reprogramming: approaches, mechanisms and progress. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 410-424.	16.1	178

#	ARTICLE	IF	CITATIONS
253	Of numbers and movement – understanding transcription factor pathogenesis by advanced microscopy. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	1.2	8
254	Evolving principles underlying neural lineage conversion and their relevance for biomedical translation. <i>F1000Research</i> , 2019, 8, 1548.	0.8	12
255	Single-Cell-Based Analysis Highlights a Surge in Cell-to-Cell Molecular Variability Preceding Irreversible Commitment in a Differentiation Process. <i>PLoS Biology</i> , 2016, 14, e1002585.	2.6	220
256	Olig2 and Hes regulatory dynamics during motor neuron differentiation revealed by single cell transcriptomics. <i>PLoS Biology</i> , 2018, 16, e2003127.	2.6	77
257	Dissecting Cellular Heterogeneity Using Single-Cell RNA Sequencing. <i>Molecules and Cells</i> , 2019, 42, 189-199.	1.0	45
258	Chemical modulation of transcriptionally enriched signaling pathways to optimize the conversion of fibroblasts into neurons. <i>ELife</i> , 2019, 8, .	2.8	38
259	Single cell RNA-seq identifies the origins of heterogeneity in efficient cell transdifferentiation and reprogramming. <i>ELife</i> , 2019, 8, .	2.8	44
260	The novel lncRNA lnc-NR2F1 is pro-neurogenic and mutated in human neurodevelopmental disorders. <i>ELife</i> , 2019, 8, .	2.8	59
261	Generation of inner ear hair cells by direct lineage conversion of primary somatic cells. <i>ELife</i> , 2020, 9, .	2.8	56
262	Transcription Factors of Direct Neuronal Reprogramming in Ontogenesis and Ex Vivo. <i>Molecular Biology</i> , 2021, 55, 645-669.	0.4	3
264	Single-Cell Genomics: Catalyst for Cell Fate Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 748942.	2.0	1
271	Transcriptional profile of induced and primary neurons reveals new candidate genes for lineage reprogramming. <i>Matters</i> , 0, , .	1.0	0
281	RPPAs for Cell Subpopulation Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1188, 227-237.	0.8	0
283	Deconstructing Stepwise Fate Conversion of Human Fibroblasts to Neurons by MicroRNAs. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
294	Applications of Community Detection Algorithms to Large Biological Datasets. <i>Methods in Molecular Biology</i> , 2021, 2243, 59-80.	0.4	2
295	Therapeutic approach of stem cell transplantation for neonatal white matter injury. <i>Pediatric Medicine</i> , 0, 3, 11-11.	1.1	0
296	Research progress of the transcription factor Brn4 (Review). <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	5
297	scGET: Predicting Cell Fate Transition During Early Embryonic Development by Single-cell Graph Entropy. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 461-474.	3.0	16

#	ARTICLE	IF	CITATIONS
298	Gene Regulatory Network Identification based on Forest Graph-embedded Deep Feedforward Network. , 2021, , .		0
299	Temporal modelling using single-cell transcriptomics. Nature Reviews Genetics, 2022, 23, 355-368.	7.7	65
300	Prediction of Time Series Gene Expression and Structural Analysis of Gene Regulatory Networks Using Recurrent Neural Networks. Entropy, 2022, 24, 141.	1.1	12
301	Transdifferentiation Meets Next-generation Biotechnologies. StemJournal, 2022, 4, 1-11.	0.8	1
302	Brahma safeguards canalization of cardiac mesoderm differentiation. Nature, 2022, 602, 129-134.	13.7	22
303	SkewC: Identifying cells with skewed gene body coverage in single-cell RNA sequencing data. IScience, 2022, 25, 103777.	1.9	4
304	Direct neuronal reprogramming: Fast forward from new concepts toward therapeutic approaches. Neuron, 2022, 110, 366-393.	3.8	45
305	Reprogramming cellular identity <i>in vivo</i>. Development (Cambridge), 2022, 149, .	1.2	14
307	Pharmacological Perturbation of Mechanical Contractility Enables Robust Transdifferentiation of Human Fibroblasts into Neurons. Advanced Science, 2022, 9, e2104682.	5.6	7
308	Predictive Biophysical Cue Mapping for Direct Cell Reprogramming Using Combinatorial Nanoarrays. ACS Nano, 2022, 16, 5577-5586.	7.3	5
309	Single-cell transcriptional profiling informs efficient reprogramming of human somatic cells to cross-presenting dendritic cells. Science Immunology, 2022, 7, eabg5539.	5.6	16
310	Induction of functional neutrophils from mouse fibroblasts by thymidine through enhancement of Tet3 activity. , 2022, , .		1
311	MicroRNA Roles in Cell Reprogramming Mechanisms. Cells, 2022, 11, 940.	1.8	13
312	Open Frontiers in Neural Cell Type Investigations; Lessons From Caenorhabditis elegans and Beyond, Toward a Multimodal Integration. Frontiers in Neuroscience, 2021, 15, 787753.	1.4	2
313	Elevated ASCL1 activity creates de novo regulatory elements associated with neuronal differentiation. BMC Genomics, 2022, 23, 255.	1.2	15
314	Capybara: A computational tool to measure cell identity and fate transitions. Cell Stem Cell, 2022, 29, 635-649.e11.	5.2	24
315	Singleâ€cell <scp>RNA</scp> Seq reveals cellular <scp>andscapeâ€™specific</scp> characteristics and potential etiologies for adolescent idiopathic scoliosis. JOR Spine, 2021, 4, e1184.	1.5	6
316	Dynamics and Pathways of Chromosome Structural Organizations during Cell Transdifferentiation. JACS Au, 2022, 2, 116-127.	3.6	3



#	ARTICLE	IF	CITATIONS
317	Identifying the critical states of complex diseases by the dynamic change of multivariate distribution. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	8
318	psupertime: supervised pseudotime analysis for time-series single-cell RNA-seq data. <i>Bioinformatics</i> , 2022, 38, i290-i298.	1.8	10
319	Chemical reprogramming of human somatic cells to pluripotent stem cells. <i>Nature</i> , 2022, 605, 325-331.	13.7	144
320	Connecting past and present: single-cell lineage tracing. <i>Protein and Cell</i> , 2022, 13, 790-807.	4.8	30
337	EGF signaling promotes the lineage conversion of astrocytes into oligodendrocytes. <i>Molecular Medicine</i> , 2022, 28, 50.	1.9	8
338	Genetic and Epigenetic Interplay Define Disease Onset and Severity in Repeat Diseases. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 750629.	1.7	4
339	Derivation of totipotent-like stem cells with blastocyst-like structure forming potential. <i>Cell Research</i> , 2022, 32, 513-529.	5.7	47
340	ETV2 functions as a pioneer factor to regulate and reprogram the endothelial lineage. <i>Nature Cell Biology</i> , 2022, 24, 672-684.	4.6	25
341	Myt1l haploinsufficiency leads to obesity and multifaceted behavioral alterations in mice. <i>Molecular Autism</i> , 2022, 13, 19.	2.6	10
343	Transcriptomic analyses of NeuroD1-mediated astrocyte-to-neuron conversion. <i>Developmental Neurobiology</i> , 2022, 82, 375-391.	1.5	18
344	Inferring Gene Regulatory Networks From Single-Cell Transcriptomic Data Using Bidirectional RNN. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
345	Single_cell_GRN: gene regulatory network identification based on supervised learning method and Single-cell RNA-seq data. <i>BioData Mining</i> , 2022, 15, .	2.2	2
346	Identification of microRNAs related with neural germ layer lineage-specific progenitors during reprogramming. <i>Journal of Molecular Histology</i> , 2022, 53, 623-634.	1.0	1
347	Statistical evidence for the presence of trajectory in single-cell data. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	0
348	The combined prognostic model of copper-dependent to predict the prognosis of pancreatic cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
349	Quantifying Chromosome Structural Reorganizations during Differentiation, Reprogramming, and Transdifferentiation. <i>Physical Review Letters</i> , 2022, 129, .	2.9	8
350	Construction of a prognostic model related to copper dependence in breast cancer by single-cell sequencing analysis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
351	Deciphering the dynamic niches and regeneration-associated transcriptional program of motoneurons following peripheral nerve injury. <i>IScience</i> , 2022, 25, 104917.	1.9	2



#	ARTICLE	IF	CITATIONS
352	Microfluidics for Neuronal Cell and Circuit Engineering. <i>Chemical Reviews</i> , 2022, 122, 14842-14880.	23.0	22
353	A natural transdifferentiation event involving mitosis is empowered by integrating signaling inputs with conserved plasticity factors. <i>Cell Reports</i> , 2022, 40, 111365.	2.9	6
354	Cross-lineage potential of Ascl1 uncovered by comparing diverse reprogramming regulatomes. <i>Cell Stem Cell</i> , 2022, 29, 1491-1504.e9.	5.2	19
355	Identification of a new way to induce differentiation of dermal fibroblasts into vascular endothelial cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
357	Expression level of the reprogramming factor NeuroD1 is critical for neuronal conversion efficiency from different cell types. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
358	Rhus Coriaria L. Extract: Antioxidant Effect and Modulation of Bioenergetic Capacity in Fibroblasts from Parkinson's Disease Patients and THP-1 Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12774.	1.8	3
359	A single cell-based computational platform to identify chemical compounds targeting desired sets of transcription factors for cellular conversion. <i>Stem Cell Reports</i> , 2023, 18, 131-144.	2.3	1
361	Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. <i>Molecular Cell</i> , 2022, 82, 4627-4646.e14.	4.5	11
362	Molecular Dissection of Somatic Skeletal Disease in Neurofibromatosis Type 1. <i>Journal of Bone and Mineral Research</i> , 2020, 38, 288-299.	3.1	2
363	Seeding Activity of Skin Misfolded Proteins as a Biomarker in Prion and Prion-Like Diseases. , 2023, , 653-673.		2
364	The cellular model for Alzheimer's disease research: PC12 cells. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	14
365	The homeodomain of Oct4 is a dimeric binder of methylated CpG elements. <i>Nucleic Acids Research</i> , 2023, 51, 1120-1138.	6.5	3
366	MYT1L haploinsufficiency in human neurons and mice causes autism-associated phenotypes that can be reversed by genetic and pharmacologic intervention. <i>Molecular Psychiatry</i> , 2023, 28, 2122-2135.	4.1	7
367	Protocol Optimization for Direct Reprogramming of Primary Human Fibroblast into Induced Striatal Neurons. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6799.	1.8	1
368	Direct cardiac reprogramming: A new technology for cardiac repair. <i>Journal of Molecular and Cellular Cardiology</i> , 2023, 178, 51-58.	0.9	0
369	Deciphering Adult Neural Stem Cells with Single-Cell Sequencing. <i>Stem Cells and Development</i> , 0, , .	1.1	1
370	Regulation of Cell Plasticity by Bromodomain and Extraterminal Domain (BET) Proteins: A New Perspective in Glioblastoma Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5665.	1.8	2
371	COMMD10 Is Essential for Neural Plate Development during Embryogenesis. <i>Journal of Developmental Biology</i> , 2023, 11, 13.	0.9	0

#	ARTICLE	IF	CITATIONS
372	Somatic Cell Reprogramming for Nervous System Diseases: Techniques, Mechanisms, Potential Applications, and Challenges. Brain Sciences, 2023, 13, 524.	1.1	2
373	Cell Features Reconstruction from Gene Association Network of Single Cell. Interdisciplinary Sciences, Computational Life Sciences, 0, , .	2.2	0
375	Single-cell transcriptional uncertainty landscape of cell differentiation. F1000Research, 0, 12, 426.	0.8	0
409	Striatal neuronal models of Huntington's disease via direct conversion: Modeling age-dependent disease phenotypes. , 2024, , 411-425.		0