

Looking at neurodevelopment through a big data lens

Science

369,

DOI: [10.1126/science.aaz8627](https://doi.org/10.1126/science.aaz8627)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Epigenetics in child psychiatry. , 2021, , 553-573.		0
2	Neuronal fate acquisition and specification: time for a change. Current Opinion in Neurobiology, 2021, 66, 195-204.	4.2	27
3	The Olfactory System as Marker of Neurodegeneration in Aging, Neurological and Neuropsychiatric Disorders. International Journal of Environmental Research and Public Health, 2021, 18, 6976.	2.6	17
4	Early and Late Corrections in Mouse Models of Autism Spectrum Disorder. Biological Psychiatry, 2022, 91, 934-944.	1.3	14
5	Implementing a storage and compute server to enhance processing of big imaging data.. Microscopy and Microanalysis, 2021, 27, 2838-2838.	0.4	0
6	Early Intervention in Cerebral Palsy and Beyond. JAMA Pediatrics, 2021, 175, 785.	6.2	3
7	Perinatal exposure to endocrine disrupting chemicals and neurodevelopment: How articles of daily use influence the development of our children. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101568.	4.7	18
8	Molecular signatures from multi-omics of autism spectrum disorders and schizophrenia. Journal of Neurochemistry, 2021, 159, 647-659.	3.9	10
11	Adaptive feature selection with shapley and hypothetical testing: Case study of EEG feature engineering. Information Sciences, 2022, 586, 374-390.	6.9	12
12	How can same-gene mutations promote both cancer and developmental disorders?. Science Advances, 2022, 8, eabm2059.	10.3	29
13	From Cell States to Cell Fates: How Cell Proliferation and Neuronal Differentiation Are Coordinated During Embryonic Development. Frontiers in Neuroscience, 2021, 15, 781160.	2.8	15
14	The Role of Epigenetics in Psychosis. , 0, , .		0
15	A Systematic, Open-Science Framework for Quantification of Cell-Types in Mouse Brain Sections Using Fluorescence Microscopy. Frontiers in Neuroanatomy, 2021, 15, 722443.	1.7	2
16	Step by step: cells with multiple functions in cortical circuit assembly. Nature Reviews Neuroscience, 2022, 23, 395-410.	10.2	14
17	A Machine Learning Approach in Autism Spectrum Disorders: From Sensory Processing to Behavior Problems. Frontiers in Molecular Neuroscience, 2022, 15, .	2.9	1
18	A Nuclear Belt Fastens on Neural Cell Fate. Cells, 2022, 11, 1761.	4.1	5
19	Non-von Neumann multi-input spike signal processing enabled by an artificial synaptic multiplexer. Science Advances, 2022, 8, .	10.3	8
20	Selective role of the DNA helicase Mcm5 in BMP retrograde signaling during Drosophila neuronal differentiation. PLoS Genetics, 2022, 18, e1010255.	3.5	0

#	ARTICLE	IF	CITATIONS
22	Progress of the China brain project. Medical Review, 2022, 2, 213-215.	1.2	1
23	Sleep, plasticity, and sensory neurodevelopment. Neuron, 2022, 110, 3230-3242.	8.1	14
24	Spinal Cord Neurogenesis. , 2022, , 307-320.		0
25	The evolution of Big Data in neuroscience and neurology. Journal of Big Data, 2023, 10, .	11.0	5
26	Machine learning framework for intelligent aeration control in wastewater treatment plants: Automatic feature engineering based on variation sliding layer. Water Research, 2023, 246, 120676.	11.3	5
27	Unveiling Hypothalamic Molecular Signatures via Retrograde Viral Tracing and Single-Cell Transcriptomics. Scientific Data, 2023, 10, .	5.3	0
28	Genes and Epigenetics. , 2024, , 54-83.		0