

# Lucas T Gray

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6613607/publications.pdf>

Version: 2024-02-01

26  
papers

9,522  
citations

257450

24  
h-index

501196

28  
g-index

50  
all docs

50  
docs citations

50  
times ranked

12157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. Nature Neuroscience, 2016, 19, 335-346.	14.8	1,522
2	Shared and distinct transcriptomic cell types across neocortical areas. Nature, 2018, 563, 72-78.	27.8	1,323
3	Conserved cell types with divergent features in human versus mouse cortex. Nature, 2019, 573, 61-68.	27.8	1,198
4	Single-cell profiling of the developing mouse brain and spinal cord with split-pool barcoding. Science, 2018, 360, 176-182.	12.6	961
5	A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. Cell, 2018, 174, 465-480.e22.	28.9	571
6	A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. Cell, 2021, 184, 3222-3241.e26.	28.9	479
7	The G4 Genome. PLoS Genetics, 2013, 9, e1003468.	3.5	437
8	Single-nucleus and single-cell transcriptomes compared in matched cortical cell types. PLoS ONE, 2018, 13, e0209648.	2.5	400
9	Comparative cellular analysis of motor cortex in human, marmoset and mouse. Nature, 2021, 598, 111-119.	27.8	361
10	Distinct descending motor cortex pathways and their roles in movement. Nature, 2018, 563, 79-84.	27.8	320
11	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. Cell, 2020, 183, 935-953.e19.	28.9	290
12	Multimodal Analysis of Cell Types in a Hypothalamic Node Controlling Social Behavior. Cell, 2019, 179, 713-728.e17.	28.9	186
13	G quadruplexes are genomewide targets of transcriptional helicases XPB and XPD. Nature Chemical Biology, 2014, 10, 313-318.	8.0	183
14	Human neocortical expansion involves glutamatergic neuron diversification. Nature, 2021, 598, 151-158.	27.8	160
15	Simultaneous trimodal single-cell measurement of transcripts, epitopes, and chromatin accessibility using TEA-seq. ELife, 2021, 10, .	6.0	144
16	Regulation of gene expression by the BLM helicase correlates with the presence of G-quadruplex DNA motifs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9905-9910.	7.1	108
17	Single-cell transcriptomic evidence for dense intracortical neuropeptide networks. ELife, 2019, 8, .	6.0	98
18	Enhancer viruses for combinatorial cell-subclass-specific labeling. Neuron, 2021, 109, 1449-1464.e13.	8.1	93

#	ARTICLE	IF	CITATIONS
19	Functional enhancer elements drive subclass-selective expression from mouse to primate neocortex. Cell Reports, 2021, 34, 108754.	6.4	88
20	The Werner syndrome RECQ helicase targets G4 DNA in human cells to modulate transcription. Human Molecular Genetics, 2016, 25, 2060-2069.	2.9	81
21	Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. ELife, 2017, 6, .	6.0	73
22	Signature morpho-electric, transcriptomic, and dendritic properties of human layer 5 neocortical pyramidal neurons. Neuron, 2021, 109, 2914-2927.e5.	8.1	54
23	Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. Cell Reports, 2020, 31, 107648.	6.4	49
24	Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans. ELife, 2021, 10, .	6.0	41
25	Ubiquitin Recognition by the Cockayne Syndrome Group B Protein: Binding Will Set You Free. Molecular Cell, 2010, 38, 621-622.	9.7	5
26	BarWare: efficient software tools for barcoded single-cell genomics. BMC Bioinformatics, 2022, 23, 106.	2.6	3