Michael S Haney

List of Publications by Year
in descending order

17 papers	1,936 citations	687363 13 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	3488 citing authors

#	Article	IF	Citations
1	Lipid-droplet-accumulating microglia represent a dysfunctional and proinflammatory state in the aging brain. Nature Neuroscience, 2020, 23, 194-208.	14.8	558
2	Genome-scale measurement of off-target activity using Cas9 toxicity in high-throughput screens. Nature Communications, 2017, 8, 15178.	12.8	284
3	CD22 blockade restores homeostatic microglial phagocytosis in ageing brains. Nature, 2019, 568, 187-192.	27.8	283
4	CRISPRâ€“Cas9 screens in human cells and primary neurons identify modifiers of C9ORF72 dipeptide-repeat-protein toxicity. Nature Genetics, 2018, 50, 603-612.	21.4	178
5	Identification of phagocytosis regulators using magnetic genome-wide CRISPR screens. Nature Genetics, 2018, 50, 1716-1727.	21.4	135
6	CRISPR-Cas9 Screens Identify the RNA Helicase DDX3X as a Repressor of C9ORF72 (GGGGCC)n Repeat-Associated Non-AUG Translation. Neuron, 2019, 104, 885-898.e8.	8.1	107
7	Young CSF restores oligodendrogenesis and memory in aged mice via Fgf17. Nature, 2022, 605, 509-515.	27.8	98
8	Comprehensive, integrated, and phased whole-genome analysis of the primary ENCODE cell line K562. Genome Research, 2019, 29, 472-484.	5.5	78
9	Astrocyteâ€toâ€astrocyte contact and a positive feedback loop of growth factor signaling regulate astrocyte maturation. Glia, 2019, 67, 1571-1597.	4.9	58
10	Local and global chromatin interactions are altered by large genomic deletions associated with human brain development. Nature Communications, 2018, 9, 5356.	12.8	42
11	The role of glia in protein aggregation. Neurobiology of Disease, 2020, 143, 105015.	4.4	28
12	The CD22-IGF2R interaction is a therapeutic target for microglial lysosome dysfunction in Niemann-Pick type C. Science Translational Medicine, 2021, 13, eabg2919.	12.4	18
13	Detection and Quantification of Mosaic Genomic DNA Variation in Primary Somatic Tissues Using ddPCR: Analysis of Mosaic Transposable-Element Insertions, Copy-Number Variants, and Single-Nucleotide Variants. Methods in Molecular Biology, 2018, 1768, 173-190.	0.9	17
14	Genome-wide synthetic lethal CRISPR screen identifies FIS1 as a genetic interactor of ALS-linked C9ORF72. Brain Research, 2020, 1728, 146601.	2.2	16
15	Small molecule C381 targets the lysosome to reduce inflammation and ameliorate disease in models of neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121609119.	7.1	14
16	46,XY disorders of sex development and congenital diaphragmatic hernia: A case with dysmorphic facies, truncus arteriosus, bifid thymus, gut malrotation, rhizomelia, and adactyly. American Journal of Medical Genetics, Part A, 2015, 167, 1360-1364.	1.2	4
17	LOCAL AND GLOBAL CHROMATIN INTERACTIONS ARE ALTERED BY LARGE GENOMIC DELETIONS ASSOCIATED WITH HUMAN BRAIN DEVELOPMENT. European Neuropsychopharmacology, 2019, 29, S854-S855.	0.7	0