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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5374461/publications.pdf

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22 papers	4,960 citations	394421 19 h-index	677142 22 g-index
35 all docs	35 docs citations	35 times ranked	7222 citing authors

#	Article	IF	Citations
1	Engineered AAVs for efficient noninvasive gene delivery to the central and peripheral nervous systems. Nature Neuroscience, 2017, 20, 1172-1179.	14.8	927
2	Single-Cell Phenotyping within Transparent Intact Tissue through Whole-Body Clearing. Cell, 2014, 158, 945-958.	28.9	833
3	Cre-dependent selection yields AAV variants for widespread gene transfer to the adult brain. Nature Biotechnology, 2016, 34, 204-209.	17.5	727
4	Global Representations of Goal-Directed Behavior in Distinct Cell Types of Mouse Neocortex. Neuron, 2017, 94, 891-907.e6.	8.1	316
5	Systemic AAV vectors for widespread and targeted gene delivery in rodents. Nature Protocols, 2019, 14, 379-414.	12.0	235
6	Whole-body tissue stabilization and selective extractions via tissue-hydrogel hybrids for high-resolution intact circuit mapping and phenotyping. Nature Protocols, 2015, 10, 1860-1896.	12.0	234
7	Gene therapy for neurological disorders: progress and prospects. Nature Reviews Drug Discovery, 2018, 17, 641-659.	46.4	222
8	The Neuropeptide Tac2 Controls a Distributed Brain State Induced by Chronic Social Isolation Stress. Cell, 2018, 173, 1265-1279.e19.	28.9	211
9	Mapping a multiplexed zoo of mRNA expression. Development (Cambridge), 2016, 143, 3632-3637.	2.5	198
10	Delivering genes across the blood-brain barrier: LY6A, a novel cellular receptor for AAV-PHP.B capsids. PLoS ONE, 2019, 14, e0225206.	2.5	145
11	Identification of peripheral neural circuits that regulate heart rate using optogenetic and viral vector strategies. Nature Communications, 2019, 10, 1944.	12.8	140
12	Adeno-Associated Virus Technologies and Methods for Targeted Neuronal Manipulation. Frontiers in Neuroanatomy, 2019, 13, 93.	1.7	139
13	Viral Strategies for Targeting the Central and Peripheral Nervous Systems. Annual Review of Neuroscience, 2018, 41, 323-348.	10.7	127
14	Multiplexed Cre-dependent selection yields systemic AAVs for targeting distinct brain cell types. Nature Methods, 2020, 17, 541-550.	19.0	121
15	COVID-19 CG enables SARS-CoV-2 mutation and lineage tracking by locations and dates of interest. ELife, 2021, 10, .	6.0	97
16	Better Targeting, Better Efficiency for Wide-Scale Neuronal Transduction with the Synapsin Promoter and AAV-PHP.B. Frontiers in Molecular Neuroscience, 2016, 9, 116.	2.9	59
17	TRIM9-Mediated Resolution of Neuroinflammation Confers Neuroprotection upon Ischemic Stroke in Mice. Cell Reports, 2019, 27, 549-560.e6.	6.4	43
18	Whole brain delivery of an instability-prone Mecp2 transgene improves behavioral and molecular pathological defects in mouse models of Rett syndrome. ELife, 2020, 9, .	6.0	42

#	Article	IF	Citations
19	A high-efficiency AAV for endothelial cell transduction throughout the central nervous system. , 2022, 1, 389-400.		24
20	Use of high-content imaging to quantify transduction of AAV-PHP viruses in the brain following systemic delivery. Brain Communications, 2021, 3, fcab105.	3.3	7
21	Improved systemic AAV gene therapy with a neurotrophic capsid in Niemannâ€“Pick disease type C1 mice. Life Science Alliance, 2021, 4, e202101040.	2.8	6
22	L3â€…Systemic administration of a novel AAV variant results in widespread and efficient gene transfer in R6/2 mice. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A91.1-A91.	1.9	0