Thomas Gaj

List of Publications by Year
in descending order

18	2,170	623734 14	888059 17
papers	citations	h-index	g-index

19	19	19	3773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Designer AAV Variant Permits Efficient Retrograde Access to Projection Neurons. Neuron, 2016, 92, 372-382.	8.1	1,007
2	Genome-Editing Technologies: Principles and Applications. Cold Spring Harbor Perspectives in Biology, 2016, 8, a023754.	5.5	209
3	Treatment of a Mouse Model of ALS by InÂVivo Base Editing. Molecular Therapy, 2020, 28, 1177-1189.	8.2	133
4	In vivo genome editing improves motor function and extends survival in a mouse model of ALS. Science Advances, 2017, 3, eaar3952.	10.3	127
5	A Hypothalamic Switch for REM and Non-REM Sleep. Neuron, 2018, 97, 1168-1176.e4.	8.1	106
6	Genome Engineering Using Adeno-associated Virus: Basic and Clinical Research Applications. Molecular Therapy, 2016, 24, 458-464.	8.2	93
7	CRISPR-Cas9-Mediated Genome Editing Increases Lifespan and Improves Motor Deficits in a Huntingtonâ€™s Disease Mouse Model. Molecular Therapy - Nucleic Acids, 2019, 17, 829-839.	5.1	92
8	CRISPR-mediated Activation of Latent HIV-1 Expression. Molecular Therapy, 2016, 24, 499-507.	8.2	89
9	Targeted gene knock-in by homology-directed genome editing using Cas9 ribonucleoprotein and AAV donor delivery. Nucleic Acids Research, 2017, 45, e98-e98.	14.5	72
10	Defined and Scalable Differentiation of Human Oligodendrocyte Precursors from Pluripotent Stem Cells in a 3D Culture System. Stem Cell Reports, 2017, 8, 1770-1783.	4.8	59
11	Next-Generation CRISPR Technologies and Their Applications in Gene and Cell Therapy. Trends in Biotechnology, 2021, 39, 692-705.	9.3	52
12	hPSC-Derived Striatal Cells Generated Using a Scalable 3D Hydrogel Promote Recovery in a Huntington Disease Mouse Model. Stem Cell Reports, 2018, 10, 1481-1491.	4.8	46
13	Targeted gene silencing in the nervous system with CRISPR-Cas13. Science Advances, 2022, 8, eabk2485.	10.3	45
14	Innovations in CRISPR technology. Current Opinion in Biotechnology, 2018, 52, 95-101.	6.6	17
15	Adeno-Associated Virusâ€“Mediated Delivery of CRISPRâ€“Cas Systems for Genome Engineering in Mammalian Cells. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot086868.	0.3	14
16	The continuously evolving CRISPR barcoding toolbox. Genome Biology, 2018, 19, 143.	8.8	7
17	Manufacturing and Delivering Genome-Editing Proteins. Methods in Molecular Biology, 2018, 1867, 253-273.	0.9	2
18	Gene-Edited Live Cell Sensor for Free Calcium. , 2019, , .		0