# 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 | Targeted gene silencing in the nervous system with CRISPR-Cas13. Science Advances, 2022, 8, eabk2485. | 10.3 | 45 |
| 2 | Next-Generation CRISPR Technologies and Their Applications in Gene and Cell Therapy. Trends in Biotechnology, 2021, 39, 692-705. | 9.3 | 52 |
| 3 | Treatment of a Mouse Model of ALS by InÂVivo Base Editing. Molecular Therapy, 2020, 28, 1177-1189. | 8.2 | 133 |
| 4 | 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 |
| 5 | Gene-Edited Live Cell Sensor for Free Calcium. , 2019, , . | | 0 |
| 6 | A Hypothalamic Switch for REM and Non-REM Sleep. Neuron, 2018, 97, 1168-1176.e4. | 8.1 | 106 |
| 7 | Innovations in CRISPR technology. Current Opinion in Biotechnology, 2018, 52, 95-101. | 6.6 | 17 |
| 8 | 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 |
| 9 | The continuously evolving CRISPR barcoding toolbox. Genome Biology, 2018, 19, 143. | 8.8 | 7 |
| 10 | Manufacturing and Delivering Genome-Editing Proteins. Methods in Molecular Biology, 2018, 1867, 253-273. | 0.9 | 2 |
| 11 | 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 |
| 12 | 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 |
| 13 | In vivo genome editing improves motor function and extends survival in a mouse model of ALS. Science Advances, 2017, 3, eaar3952. | 10.3 | 127 |
| 14 | A Designer AAV Variant Permits Efficient Retrograde Access to Projection Neurons. Neuron, 2016, 92, 372-382. | 8.1 | 1,007 |
| 15 | Genome-Editing Technologies: Principles and Applications. Cold Spring Harbor Perspectives in Biology, 2016, 8, a023754. | 5.5 | 209 |
| 16 | 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 |
| 17 | CRISPR-mediated Activation of Latent HIV-1 Expression. Molecular Therapy, 2016, 24, 499-507. | 8.2 | 89 |
| 18 | Genome Engineering Using Adeno-associated Virus: Basic and Clinical Research Applications. Molecular Therapy, 2016, 24, 458-464. | 8.2 | 93 |