

Dominic J Gessler

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

473
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933447

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775
citing authors

#	ARTICLE	IF	CITATIONS
1	GammaTile [®] brachytherapy in the treatment of recurrent glioblastomas. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab185.	0.7	10
2	Canavan Disease as a Model for Gene Therapy-Mediated Myelin Repair. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 661928.	3.7	11
3	Structural characterization of a novel human adeno-associated virus capsid with neurotropic properties. <i>Nature Communications</i> , 2020, 11, 3279.	12.8	30
4	GammaTile [®] : Surgically targeted radiation therapy for glioblastomas. <i>Future Oncology</i> , 2020, 16, 2445-2455.	2.4	33
5	Intravenous Infusion of AAV for Widespread Gene Delivery to the Nervous System. <i>Methods in Molecular Biology</i> , 2019, 1950, 143-163.	0.9	20
6	Transcriptome Profiling of Neovascularized Corneas Reveals miR-204 as a Multi-target Biotherapy Deliverable by rAAVs. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 10, 349-360.	5.1	24
7	A Rationally Engineered Capsid Variant of AAV9 for Systemic CNS-Directed and Peripheral Tissue-Detargeted Gene Delivery in Neonates. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 9, 234-246.	4.1	42
8	Cas9-mediated allelic exchange repairs compound heterozygous recessive mutations in mice. <i>Nature Biotechnology</i> , 2018, 36, 839-842.	17.5	36
9	Adeno-associated virus serotype rh.10 displays strong muscle tropism following intraperitoneal delivery. <i>Scientific Reports</i> , 2017, 7, 40336.	3.3	18
10	Redirecting N-acetylaspartate metabolism in the central nervous system normalizes myelination and rescues Canavan disease. <i>JCI Insight</i> , 2017, 2, e90807.	5.0	49
11	58. Pushing the Limits for Canavan Gene Therapy into Adulthood: Is There an Age Limit for Gene Therapy in CNS Disorders?. <i>Molecular Therapy</i> , 2016, 24, S25-S26.	8.2	1
12	733. Somatically Repairing Compound Heterozygous Recessive Mutations by Chromosomal Cut-and-Paste for In Vivo Gene Therapy. <i>Molecular Therapy</i> , 2016, 24, S289.	8.2	0
13	157. High-Field In Vivo Neuroimaging to Determine CNS Gene Therapy Outcome and Probe Disease Pathomechanism. <i>Molecular Therapy</i> , 2016, 24, S61-S62.	8.2	0
14	349. The Cure of Canavan Disease: Is It a Scientific Fiction or Clinical Reality?. <i>Molecular Therapy</i> , 2016, 24, S140.	8.2	0
15	351. Efficacious Non-Oligodendrocyte Gene Therapy Suggests a New Dogma About CNS Compartmentalization of NAA Metabolism and Supports a Metabolic Sink Theory. <i>Molecular Therapy</i> , 2016, 24, S140-S141.	8.2	0
16	366. Hitting Two Birds with One Stone: How Efficacious Pre-Clinical Gene Therapy Cures Canavan Disease and Sheds Light onto the Pathomechanism. <i>Molecular Therapy</i> , 2016, 24, S147.	8.2	0
17	739. rAAV Delivered MicroRNA Therapeutics Towards Efficacious Treatment of Corneal Neovascularization. <i>Molecular Therapy</i> , 2016, 24, S291.	8.2	0
18	Gene Therapy for the Treatment of Neurological Disorders: Metabolic Disorders. <i>Methods in Molecular Biology</i> , 2016, 1382, 429-465.	0.9	20

#	ARTICLE	IF	CITATIONS
19	586. Development of Anti-Angiogenic miRNA Therapeutics for Corneal Neovascularization. Molecular Therapy, 2015, 23, S233.	8.2	0
20	496. From Gene Therapy to Gene Enhancement: Optimized Pre-Clinical Gene Therapy Transforms Mice with the Severest Canavan Disease Phenotype Into "Supermice". Molecular Therapy, 2015, 23, S198.	8.2	0
21	Global CNS Transduction of Adult Mice by Intravenously Delivered rAAVrh.8 and rAAVrh.10 and Nonhuman Primates by rAAVrh.10. Molecular Therapy, 2014, 22, 1299-1309.	8.2	179