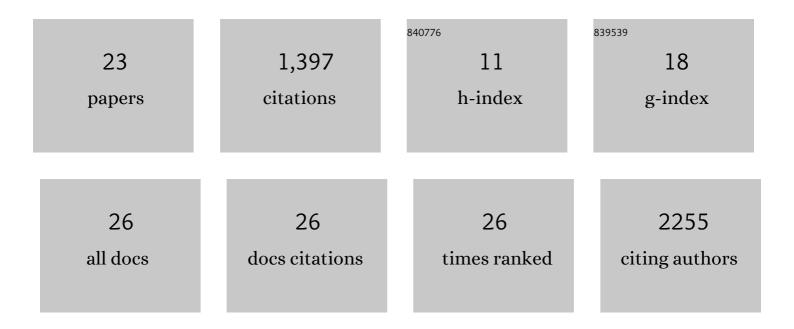
Leah C Byrne

List of Publications by Year in descending order

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LEAH C RVDNE

#	Article	IF	CITATIONS
1	In Vivo–Directed Evolution of a New Adeno-Associated Virus for Therapeutic Outer Retinal Gene Delivery from the Vitreous. Science Translational Medicine, 2013, 5, 189ra76.	12.4	554
2	Rod-Derived Cone Viability Factor Promotes Cone Survival by Stimulating Aerobic Glycolysis. Cell, 2015, 161, 817-832.	28.9	320
3	In vivo genome editing improves motor function and extends survival in a mouse model of ALS. Science Advances, 2017, 3, eaar3952.	10.3	127
4	Massively parallel <i>cis</i> -regulatory analysis in the mammalian central nervous system. Genome Research, 2016, 26, 238-255.	5.5	106
5	In vivo–directed evolution of adeno-associated virus in the primate retina. JCI Insight, 2020, 5, .	5.0	71
6	AAV-Mediated, Optogenetic Ablation of Müller Glia Leads to Structural and Functional Changes in the Mouse Retina. PLoS ONE, 2013, 8, e76075.	2.5	56
7	scAAVengr, a transcriptome-based pipeline for quantitative ranking of engineered AAVs with single-cell resolution. ELife, 2021, 10, .	6.0	33
8	The Expression Pattern of Systemically Injected AAV9 in the Developing Mouse Retina Is Determined by Age. Molecular Therapy, 2015, 23, 290-296.	8.2	31
9	Transcriptional and anatomical diversity of medium spiny neurons in the primate striatum. Current Biology, 2021, 31, 5473-5486.e6.	3.9	27
10	Parallel functional testing identifies enhancers active in early postnatal mouse brain. ELife, 2021, 10, .	6.0	19
11	Targeting ON-bipolar cells by AAV gene therapy stably reverses <i>LRIT3</i> -congenital stationary night blindness. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117038119.	7.1	14
12	Pharmacological clearance of misfolded rhodopsin for the treatment of <i>RHO</i> â€essociated retinitis pigmentosa. FASEB Journal, 2020, 34, 10146-10167.	0.5	10
13	Machine learning sequence prioritization for cell type-specific enhancer design. ELife, 2022, 11, .	6.0	10
14	Screening for Neutralizing Antibodies Against Natural and Engineered AAV Capsids in Nonhuman Primate Retinas. Methods in Molecular Biology, 2018, 1715, 239-249.	0.9	9
15	Quantitative single-cell transcriptome-based ranking of engineered AAVs in human retinal explants. Molecular Therapy - Methods and Clinical Development, 2022, 25, 476-489.	4.1	5
16	What's old is new again: Autologous stem cell transplant for AMD. Science Translational Medicine, 2017, 9, .	12.4	3
17	Anti-VEGF AAV2 injections: The fewer the better. Science Translational Medicine, 2017, 9, .	12.4	1
18	Check twice, cut once—Improved CRISPR-Cas9 genome editing accuracy. Science Translational Medicine, 2017, 9, .	12.4	1

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#	Article	IF	CITATIONS
19	Rounding up sickle cells with gene therapy. Science Translational Medicine, 2017, 9, .	12.4	0
20	Tailor-made T cells for cancer therapy. Science Translational Medicine, 2017, 9, .	12.4	0
21	Rewriting the genome in human embryos. Science Translational Medicine, 2017, 9, .	12.4	0
22	New skin in the game. Science Translational Medicine, 2017, 9, .	12.4	0
23	Factoring in new gene therapy treatments for hemophilia A. Science Translational Medicine, 2018, 10, .	12.4	0