

Cristina Martinez-Fernandez de la Camara

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,575
citations

361045

20
h-index

288905

40
g-index

42
all docs

42
docs citations

42
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Quantification of AAV Vector Genomes by Quantitative PCR. <i>Genes</i> , 2021, 12, 601.	1.0	10
2	Mirtron-mediated RNA knockdown/replacement therapy for the treatment of dominant retinitis pigmentosa. <i>Nature Communications</i> , 2021, 12, 4934.	5.8	18
3	Therapy Approaches for Stargardt Disease. <i>Biomolecules</i> , 2021, 11, 1179.	1.8	26
4	Characterizing the cellular immune response to subretinal AAV gene therapy in the murine retina. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 52-65.	1.8	16
5	CRISPR Systems Suitable for Single AAV Vector Delivery. <i>Current Gene Therapy</i> , 2021, 22, 1-14.	0.9	8
6	In Silico Analysis of Pathogenic CRB1 Single Nucleotide Variants and Their Amenableity to Base Editing as a Potential Lead for Therapeutic Intervention. <i>Genes</i> , 2021, 12, 1908.	1.0	4
7	RPGR gene therapy presents challenges in cloning the coding sequence. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 63-71.	1.4	8
8	Inclusion of PF68 Surfactant Improves Stability of rAAV Titer when Passed through a Surgical Device Used in Retinal Gene Therapy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 99-106.	1.8	12
9	Dynamic in vivo quantification of rod photoreceptor degeneration using fluorescent reporter mouse models of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2020, 190, 107895.	1.2	3
10	Immunomodulatory Effects of Hydroxychloroquine and Chloroquine in Viral Infections and Their Potential Application in Retinal Gene Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4972.	1.8	24
11	CRISPR-Cas9 DNA Base-Editing and Prime-Editing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6240.	1.8	179
12	Analysis of Early Cone Dysfunction in an In Vivo Model of Rod-Cone Dystrophy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6055.	1.8	3
13	Effect of AAV-Mediated Rhodopsin Gene Augmentation on Retinal Degeneration Caused by the Dominant P23H Rhodopsin Mutation in a Knock-In Murine Model. <i>Human Gene Therapy</i> , 2020, 31, 730-742.	1.4	13
14	Initial results from a first-in-human gene therapy trial on X-linked retinitis pigmentosa caused by mutations in RPGR. <i>Nature Medicine</i> , 2020, 26, 354-359.	15.2	208
15	CRISPR Interferenceâ€™Potential Application in Retinal Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2329.	1.8	22
16	Filtration of Short-Wavelength Light Provides Therapeutic Benefit in Retinitis Pigmentosa Caused by a Common Rhodopsin Mutation. , 2019, 60, 2733.		15
17	Enhancement of Adeno-Associated Virus-Mediated Gene Therapy Using Hydroxychloroquine in Murine and Human Tissues. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 77-89.	1.8	25
18	Molecular Strategies for RPGR Gene Therapy. <i>Genes</i> , 2019, 10, 674.	1.0	31

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19	Novel non-sense mutation in RP2 (c.843_844insT/p.Arg282fs) is associated with a severe phenotype of retinitis pigmentosa without evidence of primary retinal pigment epithelium involvement. <i>BMJ Case Reports</i> , 2019, 12, e224451.	0.2	2
20	Re: Song <i>et al.</i>, Toxicology and Pharmacology of an AAV Vector Expressing Codon-Optimized RPGR in RPGR-Deficient Rd9 Mice. <i>Hum Gene Ther Clin Dev</i> 2018; 29(4):188â€“197. <i>Human Gene Therapy Clinical Development</i> , 2019, 30, 40-40.	3.2	0
21	A Quantitative Chloride Channel Conductance Assay for Efficacy Testing of AAV.BEST1. <i>Human Gene Therapy Methods</i> , 2019, 30, 44-52.	2.1	4
22	Gene therapy for the treatment of X-linked retinitis pigmentosa. <i>Expert Opinion on Orphan Drugs</i> , 2018, 6, 167-177.	0.5	35
23	HIF α stabilization reduces retinal degeneration in a mouse model of retinitis pigmentosa. <i>FASEB Journal</i> , 2018, 32, 2438-2451.	0.2	27
24	Beneficial effects on vision in patients undergoing retinal gene therapy for choroideremia. <i>Nature Medicine</i> , 2018, 24, 1507-1512.	15.2	140
25	Choroideremia: molecular mechanisms and development of AAV gene therapy. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 807-820.	1.4	28
26	Codon-Optimized RPGR Improves Stability and Efficacy of AAV8 Gene Therapy in Two Mouse Models of X-Linked Retinitis Pigmentosa. <i>Molecular Therapy</i> , 2017, 25, 1854-1865.	3.7	86
27	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 75-90.	2.6	343
28	Outcome of Full-Thickness Macular Hole Surgery in Choroideremia. <i>Genes</i> , 2017, 8, 187.	1.0	8
29	Impact of Vital Dyes on Cell Viability and Transduction Efficiency of AAV Vectors Used in Retinal Gene Therapy Surgery: An In Vitro and In Vivo Analysis. <i>Translational Vision Science and Technology</i> , 2017, 6, 4.	1.1	20
30	Adeno-associated Virus (AAV) Dual Vector Strategies for Gene Therapy Encoding Large Transgenes. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 611-623.	0.2	47
31	Visual Acuity after Retinal Gene Therapy for Choroideremia. <i>New England Journal of Medicine</i> , 2016, 374, 1996-1998.	13.9	185
32	cGMP-Phosphodiesterase Inhibition Prevents Hypoxia-Induced Cell Death Activation in Porcine Retinal Explants. <i>PLoS ONE</i> , 2016, 11, e0166717.	1.1	16
33	Recent advances and future prospects in choroideremia. <i>Clinical Ophthalmology</i> , 2015, 9, 2195.	0.9	40
34	Adalimumab Reduces Photoreceptor Cell Death in A Mouse Model of Retinal Degeneration. <i>Scientific Reports</i> , 2015, 5, 11764.	1.6	48
35	Gene Therapy for Retinal Disease: What Lies Ahead. <i>Ophthalmologica</i> , 2015, 234, 1-5.	1.0	7
36	Infliximab reduces Zaprinast-induced retinal degeneration in cultures of porcine retina. <i>Journal of Neuroinflammation</i> , 2014, 11, 172.	3.1	19

#	ARTICLE	IF	CITATIONS
37	Retinal gene therapy in patients with choroideremia: initial findings from a phase 1/2 clinical trial. <i>Lancet, The</i> , 2014, 383, 1129-1137.	6.3	689
38	Functional expression of Rab escort protein 1 following AAV2-mediated gene delivery in the retina of choroideremia mice and human cells ex vivo. <i>Journal of Molecular Medicine</i> , 2013, 91, 825-837.	1.7	81
39	Phosphodiesterase inhibition induces retinal degeneration, oxidative stress and inflammation in cone-enriched cultures of porcine retina. <i>Experimental Eye Research</i> , 2013, 111, 122-133.	1.2	24
40	Study of USH1 Splicing Variants through Minigenes and Transcript Analysis from Nasal Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e57506.	1.1	21
41	Altered Antioxidant-Oxidant Status in the Aqueous Humor and Peripheral Blood of Patients with Retinitis Pigmentosa. <i>PLoS ONE</i> , 2013, 8, e74223.	1.1	64
42	Expression profiling of murine intestinal adenomas reveals early deregulation of multiple matrix metalloproteinase (Mmp) genes. <i>Journal of Pathology</i> , 2005, 206, 100-110.	2.1	16