

# CITATION REPORT

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## Advances in gene therapy technologies to treat retinitis pigmentosa

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#	Paper	IF	Citations
59	Differential light-induced responses in sectorial inherited retinal degeneration. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 35918-28	5.4	28
58	Recent advances of stem cell therapy for retinitis pigmentosa. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 14456-74	6.3	30
57	Lung gene therapy-How to capture illumination from the light already present in the tunnel. <i>Genes and Diseases</i> , <b>2014</b> , 1, 40-52	6.6	14
56	Prenatal Exposure to Curcumin Protects Rod Photoreceptors in a Transgenic Pro23His Swine Model of Retinitis Pigmentosa. <i>Translational Vision Science and Technology</i> , <b>2015</b> , 4, 5	3.3	12
55	[Therapeutic potential of optogenetic neuromodulation]. <i>Medecine/Sciences</i> , <b>2015</b> , 31, 404-16		1
54	Restoration of vision in blind individuals using bionic devices: a review with a focus on cortical visual prostheses. <i>Brain Research</i> , <b>2015</b> , 1595, 51-73	3.7	131
53	Daylight vision repair by cell transplantation. <i>Stem Cells</i> , <b>2015</b> , 33, 79-90	5.8	75
52	Beyond traditional pharmacology: new tools and approaches. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 3229-41	8.6	13
51	Phospholipid Bicelles Improve the Conformational Stability of Rhodopsin Mutants Associated with Retinitis Pigmentosa. <i>Biochemistry</i> , <b>2015</b> , 54, 4795-804	3.2	2
50	Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. <i>Ophthalmology</i> , <b>2015</b> , 122, 1547-54	7.3	183
49	Gene Therapy for Blinding Pediatric Eye Disorders. <i>Advances in Pediatrics</i> , <b>2015</b> , 62, 185-210	2.2	2
48	Structure and function of the interphotoreceptor matrix surrounding retinal photoreceptor cells. <i>Experimental Eye Research</i> , <b>2015</b> , 133, 3-18	3.7	65
47	New treatment options for hearing loss. <i>Nature Reviews Drug Discovery</i> , <b>2015</b> , 14, 346-65	64.1	103
46	Using Stem Cells to Model Diseases of the Outer Retina. <i>Computational and Structural Biotechnology Journal</i> , <b>2015</b> , 13, 382-9	6.8	16
45	Treatment of ocular disorders by gene therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 95, 331-42	5.7	56
44	Patient-specific induced pluripotent stem cells (iPSCs) for the study and treatment of retinal degenerative diseases. <i>Progress in Retinal and Eye Research</i> , <b>2015</b> , 44, 15-35	20.5	90
43	Promising and delivering gene therapies for vision loss. <i>Vision Research</i> , <b>2015</b> , 111, 124-33	2.1	34

42	Complexity of the Class B Phenotype in Autosomal Dominant Retinitis Pigmentosa Due to Rhodopsin Mutations. <b>2016</b> , 57, 4847-4858		26
41	Visual BOLD Response in Late Blind Subjects with Argus II Retinal Prosthesis. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002569	9.7	29
40	Identification of Adeno-Associated Viral Vectors That Target Neonatal and Adult Mammalian Inner Ear Cell Subtypes. <i>Human Gene Therapy</i> , <b>2016</b> , 27, 687-99	4.8	51
39	Hereditary Retinal Dystrophy. <i>Handbook of Experimental Pharmacology</i> , <b>2017</b> , 242, 337-367	3.2	22
38	Evaluation of an Optimized Injection System for Retinal Gene Therapy in Human Patients. <i>Human Gene Therapy Methods</i> , <b>2016</b> , 27, 150-8	4.9	31
37	Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. <i>Ophthalmology</i> , <b>2016</b> , 123, 2248-54	7.3	209
36	Retinal vessel oxygen saturation and vessel diameter in retinitis pigmentosa at various ages. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 254, 243-52	3.8	32
35	Treatment of retinitis pigmentosa due to MERTK mutations by ocular subretinal injection of adeno-associated virus gene vector: results of a phase I trial. <i>Human Genetics</i> , <b>2016</b> , 135, 327-43	6.3	156
34	In Vivo CRISPR/Cas9 Gene Editing Corrects Retinal Dystrophy in the S334ter-3 Rat Model of Autosomal Dominant Retinitis Pigmentosa. <i>Molecular Therapy</i> , <b>2016</b> , 24, 556-63	11.7	201
33	Docosahexaenoic acid phospholipid differentially modulates the conformation of G90V and N55K rhodopsin mutants associated with retinitis pigmentosa. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2017</b> , 1859, 975-981	3.8	2
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31	Peripherin-2 and Rom-1 have opposing effects on rod outer segment targeting of retinitis pigmentosa-linked peripherin-2 mutants. <i>Scientific Reports</i> , <b>2017</b> , 7, 2321	4.9	6
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24	AAV delivery of GRP78/BiP promotes adaptation of human RPE cell to ER stress. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 1355-1367	4.7	11
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22	Gene Therapy for Inherited Retinal Degeneration. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2019</b> , 35, 79-97	2.6	13
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19	Persistent remodeling and neurodegeneration in late-stage retinal degeneration. <i>Progress in Retinal and Eye Research</i> , <b>2020</b> , 74, 100771	20.5	33
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17	Effect of Sodium Valproate on the Conformational Stability of the Visual G Protein-Coupled Receptor Rhodopsin. <i>Molecules</i> , <b>2021</b> , 26,	4.8	0
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14	High-throughput screening assays to identify small molecules preventing photoreceptor degeneration caused by the rhodopsin P23H mutation. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1271, 369-90 <sup>1.4</sup>		9
13	Advances in exogenous docosahexaenoic acid-containing phospholipids: Sources, positional isomerism, biological activities, and advantages. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2020</b> , 19, 1420-1448	16.4	12
12	Halting progressive neurodegeneration in advanced retinitis pigmentosa. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 3704-13	15.9	49
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