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List of articles citing

Restoration of cone vision in a mouse model of achromatopsia

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#	Paper	IF	Citations
193	A mutation in the cone-specific pde6 gene causes rapid cone photoreceptor degeneration in zebrafish. 2007 , 27, 13866-74		86
192	Cyclops. 2007 , 42, 523		
191	Targeting gene expression to cones with human cone opsin promoters in recombinant AAV. <i>Gene Therapy</i> , 2008 , 15, 1049-55	4	47
190	AAV-mediated gene therapy for retinal disorders: from mouse to man. <i>Gene Therapy</i> , 2008 , 15, 849-57	4	94
189	Comparative analysis of in vivo and in vitro AAV vector transduction in the neonatal mouse retina: effects of serotype and site of administration. 2008 , 48, 377-85		66
188	In vivo imaging of the photoreceptor mosaic of a rod monochromat. 2008 , 48, 2564-8		67
187	Enhanced transduction and improved photoreceptor survival of retinal degeneration by the combinatorial use of rAAV2 with a lower dose of adenovirus. 2008 , 48, 1648-54		12
186	The role of cis-regulatory elements in the design of gene therapy vectors for inherited blindness. <i>Expert Opinion on Biological Therapy</i> , 2008 , 8, 599-608	5.4	3
185	Longitudinal evaluation of expression of virally delivered transgenes in gerbil cone photoreceptors. 2008 , 25, 273-82		6
184	AAV-mediated gene therapy for retinal degeneration in the rd10 mouse containing a recessive PDEbeta mutation. 2008 , 49, 4278-83		108
183	[The treatment of inherited dystrophies and neovascular disorders of the retina by rAAV-mediated gene therapy]. 2008 , 225, 1009-23		3
182	Inherited diseases of photoreceptors and prospects for gene therapy. 2008 , 9, 335-47		5
181	Monitoring mouse retinal degeneration with high-resolution spectral-domain optical coherence tomography. 2008 , 8, 17.1-11		58
180	Functional interchangeability of rod and cone transducin alpha-subunits. 2009 , 106, 17681-6		34
179	Impaired cone function and cone degeneration resulting from CNGB3 deficiency: down-regulation of CNGA3 biosynthesis as a potential mechanism. 2009 , 18, 4770-80		62
178	Rod and rod-driven function in achromatopsia and blue cone monochromatism. 2009 , 50, 950-8		37
177	Prospects for retinal gene replacement therapy. 2009 , 25, 156-65		65

176	Naturally occurring animal models with outer retina phenotypes. 2009 , 49, 2636-52		69
175	The use of canine models of inherited retinal degeneration to test novel therapeutic approaches. 2009 , 12, 192-204		33
174	Ocular gene therapy: current progress and future prospects. 2009 , 15, 23-31		58
173	A novel day blindness in sheep: epidemiological, behavioural, electrophysiological and histopathological studies. 2010 , 185, 130-7		27
172	Day blind sheep and the importance of large animal disease models. 2010 , 185, 241-2		5
171	Colour vision deficiency. 2010 , 24, 747-55		87
170	Gene therapy with a promoter targeting both rods and cones rescues retinal degeneration caused by AIPL1 mutations. <i>Gene Therapy</i> , 2010 , 17, 117-31	4	103
169	Self-complementary AAV-mediated gene therapy restores cone function and prevents cone degeneration in two models of Rpe65 deficiency. <i>Gene Therapy</i> , 2010 , 17, 815-26	4	60
168	Non-invasive stem cell therapy in a rat model for retinal degeneration and vascular pathology. <i>PLoS ONE</i> , 2010 , 5, e9200	3.7	97
167	Color vision defects. 2010 , 478-485		
166	Lighting a candle in the dark: advances in genetics and gene therapy of recessive retinal dystrophies. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3042-53	15.9	155
165	Progressive loss of cones in achromatopsia: an imaging study using spectral-domain optical coherence tomography. 2010 , 51, 5952-7		127
164	Mutation discovered in a feline model of human congenital retinal blinding disease. 2010 , 51, 2852-9		47
163	Mechanistic basis for the failure of cone transducin to translocate: why cones are never blinded by light. 2010 , 30, 6815-24		50
162	Gene therapy rescues cone function in congenital achromatopsia. 2010 , 19, 2581-93		203
161	Evaluation of a behavioral method for objective vision testing and identification of achromatopsia in dogs. 2010 , 71, 97-102		27
160	Restoration of cone vision in the CNGA3 ^{-/-} mouse model of congenital complete lack of cone photoreceptor function. <i>Molecular Therapy</i> , 2010 , 18, 2057-63	11.7	149
159	Retinal Diseases. 2010 , 327-344		

158	Self-complementary AAV5 vector facilitates quicker transgene expression in photoreceptor and retinal pigment epithelial cells of normal mouse. 2010 , 90, 546-54		41
157	Retinal Degenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2010 ,	3.6	16
156	Long-term preservation of cones and improvement in visual function following gene therapy in a mouse model of leber congenital amaurosis caused by guanylate cyclase-1 deficiency. <i>Human Gene Therapy</i> , 2011 , 22, 1179-90	4.8	65
155	Photoreceptor structure and function in patients with congenital achromatopsia. 2011 , 52, 7298-308		123
154	Adeno-Associated Virus. <i>Methods in Molecular Biology</i> , 2011 ,	1.4	10
153	Republished review: Gene therapy for ocular diseases. 2011 , 87, 487-95		11
152	Gene therapy for ocular diseases. <i>British Journal of Ophthalmology</i> , 2011 , 95, 604-12	5.5	54
151	High-resolution in vivo imaging in achromatopsia. <i>Ophthalmology</i> , 2011 , 118, 882-7	7.3	96
150	Distinct and conserved prominin-1/CD133-positive retinal cell populations identified across species. <i>PLoS ONE</i> , 2011 , 6, e17590	3.7	20
149	AAV-mediated photoreceptor transduction of the pig cone-enriched retina. <i>Gene Therapy</i> , 2011 , 18, 637-45	4.5	69
148	Clinical and genetic investigation of a large Tunisian family with complete achromatopsia: identification of a new nonsense mutation in GNAT2 gene. 2011 , 56, 22-8		15
147	Long-term and age-dependent restoration of visual function in a mouse model of CNGB3-associated achromatopsia following gene therapy. 2011 , 20, 3161-75		137
146	C1q enhances cone photoreceptor survival in a mouse model of autosomal recessive retinitis pigmentosa. 2012 , 20, 64-8		13
145	The effect of cone opsin mutations on retinal structure and the integrity of the photoreceptor mosaic. 2012 , 53, 8006-15		69
144	AAV-mediated gene therapy in mouse models of recessive retinal degeneration. 2012 , 12, 316-30		11
143	Gene therapy rescues photoreceptor blindness in dogs and paves the way for treating human X-linked retinitis pigmentosa. 2012 , 109, 2132-7		203
142	Gene delivery to the retina: from mouse to man. 2012 , 507, 255-74		12
141	Optical coherence tomography studies provides new insights into diagnosis and prognosis of infantile nystagmus: a review. 2012 , 20, 175-80		12

140	Tetradecanoylphorbol-13-acetate (TPA) significantly increases AAV2/5 transduction of human neuronal cells in vitro. 2012 , 97, 148-53		3
139	Gene supplementation therapy for recessive forms of inherited retinal dystrophies. <i>Gene Therapy</i> , 2012 , 19, 154-61	4	43
138	Novel adeno-associated viral vectors for retinal gene therapy. <i>Gene Therapy</i> , 2012 , 19, 162-8	4	97
137	The human rhodopsin kinase promoter in an AAV5 vector confers rod- and cone-specific expression in the primate retina. <i>Human Gene Therapy</i> , 2012 , 23, 1101-15	4.8	88
136	Adeno-associated virus mediated gene therapy for retinal degenerative diseases. <i>Methods in Molecular Biology</i> , 2011 , 807, 179-218	1.4	25
135	Gene therapy of inherited retinopathies: a long and successful road from viral vectors to patients. <i>Human Gene Therapy</i> , 2012 , 23, 796-807	4.8	37
134	Secretase inhibition of murine choroidal neovascularization is associated with reduction of superoxide and proinflammatory cytokines. 2012 , 53, 574-85		11
133	Gene therapy in age related macular degeneration and hereditary macular disorders. 2012 , 4, 2546-57		7
132	Restoration of vision after transplantation of photoreceptors. 2012 , 485, 99-103		364
131	Retinal dystrophies and gene therapy. 2012 , 171, 757-65		19
130	X-linked juvenile retinoschisis: clinical diagnosis, genetic analysis, and molecular mechanisms. 2012 , 31, 195-212		187
129	Mutation in the platelet-derived growth factor receptor alpha inhibits adeno-associated virus type 5 transduction. 2012 , 428, 58-63		8
128	Retinal Degeneration. <i>Methods in Molecular Biology</i> , 2013 ,	1.4	10
127	Genomic deletion of CNGB3 is identical by descent in multiple canine breeds and causes achromatopsia. 2013 , 14, 27		22
126	Color Vision Defects. 2013 , 1-17		1
125	Physiology and pathology of saccades and gaze holding. 2013 , 32, 493-505		7
124	Adaptive optics retinal imaging--clinical opportunities and challenges. 2013 , 38, 709-21		57
123	Abnormalities of Cone and Rod Function. 2013 , 899-906		2

122	A comprehensive review of retinal gene therapy. <i>Molecular Therapy</i> , 2013 , 21, 509-19	11.7	208
121	Gene therapy for retinal disease. 2013 , 161, 241-54		54
120	Clinical applications of retinal gene therapy. 2013 , 32, 22-47		89
119	Gene therapy for blindness. 2013 , 36, 467-88		101
118	Gene Therapy for Retinal Disease. 2013 , 652-668		2
117	Transient photoreceptor deconstruction by CNTF enhances rAAV-mediated cone functional rescue in late stage CNGB3-achromatopsia. <i>Molecular Therapy</i> , 2013 , 21, 1131-41	11.7	60
116	Is high-resolution spectral domain optical coherence tomography reliable in nystagmus?. <i>British Journal of Ophthalmology</i> , 2013 , 97, 534-6	5.5	10
115	Loss of scotopic contrast sensitivity in the optomotor response of diabetic mice. 2013 , 54, 1536-43		14
114	CRB1: one gene, many phenotypes. 2013 , 28, 397-405		25
113	AAV-mediated gene therapy in the guanylate cyclase (RetGC1/RetGC2) double knockout mouse model of Leber congenital amaurosis. <i>Human Gene Therapy</i> , 2013 , 24, 189-202	4.8	51
112	A naturally occurring mouse model of achromatopsia: characterization of the mutation in cone transducin and subsequent retinal phenotype. 2013 , 54, 3350-9		28
111	Survey of common eye diseases in laboratory mouse strains. 2013 , 54, 4974-81		68
110	Natural history of cone disease in the murine model of Leber congenital amaurosis due to CEP290 mutation: determining the timing and expectation of therapy. <i>PLoS ONE</i> , 2014 , 9, e92928	3.7	19
109	Insights gained from gene therapy in animal models of retGC1 deficiency. 2014 , 7, 43		10
108	Genotype-dependent variability in residual cone structure in achromatopsia: toward developing metrics for assessing cone health. 2014 , 55, 7303-11		56
107	Dark-adaptation functions in molecularly confirmed achromatopsia and the implications for assessment in retinal therapy trials. 2014 , 55, 6340-9		11
106	Gene therapies for inherited retinal disorders. 2014 , 31, 289-307		10
105	[Gene replacement therapy in achromatopsia type 2]. 2014 , 231, 232-40		2

104	A prospective longitudinal study of retinal structure and function in achromatopsia. 2014 , 55, 5733-43		55
103	Retinal morphology of patients with achromatopsia during early childhood: implications for gene therapy. 2014 , 132, 823-31		28
102	In vivo imaging of human cone photoreceptor inner segments. 2014 , 55, 4244-51		236
101	Congenital Nystagmus may hide various ophthalmic diagnoses. 2014 , 92, 412-6		8
100	Achromatopsia: case presentation and literature review emphasising the value of spectral domain optical coherence tomography. 2014 , 97, 507-10		6
99	Retinal structure and function in achromatopsia: implications for gene therapy. <i>Ophthalmology</i> , 2014 , 121, 234-245	7.3	119
98	Migration, integration and maturation of photoreceptor precursors following transplantation in the mouse retina. 2014 , 23, 941-54		53
97	Retinal gene therapy using adeno-associated viral vectors: multiple applications for a small virus. <i>Human Gene Therapy</i> , 2014 , 25, 671-8	4.8	7
96	Vector platforms for gene therapy of inherited retinopathies. 2014 , 43, 108-28		106
95	Expression of a single prominin homolog in the embryo of the model chordate <i>Ciona intestinalis</i> . 2014 , 15, 38-45		4
94	Causes and consequences of inherited cone disorders. 2014 , 42, 1-26		102
93	Organization of the Central Visual Pathways Following Field Defects Arising from Congenital, Inherited, and Acquired Eye Disease. <i>Annual Review of Vision Science</i> , 2015 , 1, 329-350	8.2	6
92	Achromatopsia: a review. <i>Current Opinion in Ophthalmology</i> , 2015 , 26, 333-40	5.1	51
91	Canine CNGA3 Gene Mutations Provide Novel Insights into Human Achromatopsia-Associated Channelopathies and Treatment. <i>PLoS ONE</i> , 2015 , 10, e0138943	3.7	15
90	Assessment of Visual and Chromatic Functions in a Rodent Model of Retinal Degeneration. 2015 , 56, 6275-83		7
89	Mutations in the unfolded protein response regulator ATF6 cause the cone dysfunction disorder achromatopsia. <i>Nature Genetics</i> , 2015 , 47, 757-65	36.3	143
88	The Status of RPE65 Gene Therapy Trials: Safety and Efficacy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015 , 5, a017285	5.4	110
87	Genetics and Disease Expression in the CNGA3 Form of Achromatopsia: Steps on the Path to Gene Therapy. <i>Ophthalmology</i> , 2015 , 122, 997-1007	7.3	49

86	Retinal gene delivery by adeno-associated virus (AAV) vectors: Strategies and applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 95, 343-52	5.7	51
85	Gene Therapy for Blinding Pediatric Eye Disorders. <i>Advances in Pediatrics</i> , 2015 , 62, 185-210	2.2	2
84	Gene Augmentation Therapy Restores Retinal Function and Visual Behavior in a Sheep Model of CNGA3 Achromatopsia. <i>Molecular Therapy</i> , 2015 , 23, 1423-33	11.7	75
83	Biology and therapy of inherited retinal degenerative disease: insights from mouse models. <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 109-29	4.1	160
82	Leber congenital amaurosis caused by mutations in GUCY2D. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 5, a017350	5.4	17
81	Retinal Remodeling: Concerns, Emerging Remedies and Future Prospects. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 38	6.1	14
80	The Genetics of Color Vision and Congenital Color Deficiencies. 2016 , 1-32		2
79	Basic FGF or VEGF gene therapy corrects insufficiency in the intrinsic healing capacity of tendons. <i>Scientific Reports</i> , 2016 , 6, 20643	4.9	44
78	Mouse Models of NMNAT1-Leber Congenital Amaurosis (LCA9) Recapitulate Key Features of the Human Disease. <i>American Journal of Pathology</i> , 2016 , 186, 1925-1938	5.8	28
77	Advances in Gene Therapy for Diseases of the Eye. <i>Human Gene Therapy</i> , 2016 , 27, 563-79	4.8	54
76	Cone-Specific Promoters for Gene Therapy of Achromatopsia and Other Retinal Diseases. <i>Human Gene Therapy</i> , 2016 , 27, 72-82	4.8	46
75	Gene and cell-based therapies for inherited retinal disorders: An update. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2016 , 172, 349-366	3.1	50
74	Photoreceptor rescue by an abbreviated human RPGR gene in a murine model of X-linked retinitis pigmentosa. <i>Gene Therapy</i> , 2016 , 23, 196-204	4	50
73	The cone dysfunction syndromes. <i>British Journal of Ophthalmology</i> , 2016 , 100, 115-21	5.5	91
72	Gene therapy for achromatopsia. <i>Journal of Gene Medicine</i> , 2017 , 19, e2944	3.5	29
71	Taking Stock of Retinal Gene Therapy: Looking Back and Moving Forward. <i>Molecular Therapy</i> , 2017 , 25, 1076-1094	11.7	67
70	Safety and Efficacy of Gene-Based Therapeutics for Inherited Disorders. 2017 ,		0
69	Vectors and Gene Delivery to the Retina. <i>Annual Review of Vision Science</i> , 2017 , 3, 121-140	8.2	29

68	AAV-Mediated Gene Supplementation Therapy in Achromatopsia Type 2: Preclinical Data on Therapeutic Time Window and Long-Term Effects. <i>Frontiers in Neuroscience</i> , 2017 , 11, 292	5.1	18
67	The Degeneration and Apoptosis Patterns of Cone Photoreceptors in Mice. <i>Journal of Ophthalmology</i> , 2017 , 2017, 9721362	2	6
66	Concepts and Strategies in Retinal Gene Therapy. 2017 , 58, 5399-5411		16
65	Development of a Chromatic Pupillography Protocol for the First Gene Therapy Trial in Patients With CNGA3-Linked Achromatopsia. 2017 , 58, 1274-1282		20
64	A Quantitative and Qualitative Exploration of Photoaversion in Achromatopsia. 2017 , 58, 3537-3546		14
63	Achromatopsia: clinical features, molecular genetics, animal models and therapeutic options. <i>Ophthalmic Genetics</i> , 2018 , 39, 149-157	1.2	59
62	Gene therapy for inherited retinal and optic nerve degenerations. <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 37-49	5.4	55
61	Otx2-Genetically Modified Retinal Pigment Epithelial Cells Rescue Photoreceptors after Transplantation. <i>Molecular Therapy</i> , 2018 , 26, 219-237	11.7	15
60	Retinal Gene Therapy. <i>Methods in Molecular Biology</i> , 2018 ,	1.4	5
59	Design and Development of AAV-based Gene Supplementation Therapies for Achromatopsia and Retinitis Pigmentosa. <i>Methods in Molecular Biology</i> , 2018 , 1715, 33-46	1.4	3
58	Advanced Ocular Injection Techniques for Therapy Approaches. <i>Methods in Molecular Biology</i> , 2018 , 1715, 215-223	1.4	1
57	A Novel Achromatopsia Mouse Model Resulting From a Naturally Occurring Missense Change in Cngb3. 2018 , 59, 6102-6110		3
56	Clinical applications of retinal gene therapies. <i>Precision Clinical Medicine</i> , 2018 , 1, 5-20	6.7	9
55	Development of optokinetic tracking software for objective evaluation of visual function in rodents. <i>Scientific Reports</i> , 2018 , 8, 10009	4.9	5
54	Blinded by the light: a nonhuman primate model of achromatopsia. <i>Journal of Clinical Investigation</i> , 2019 , 129, 513-515	15.9	2
53	Pharmaceutical Development of AAV-Based Gene Therapy Products for the Eye. <i>Pharmaceutical Research</i> , 2018 , 36, 29	4.5	88
52	Gene therapy and the adeno-associated virus in the treatment of genetic and acquired ophthalmic diseases in humans: Trials, future directions and safety considerations. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 521-536	2.4	24
51	Gene therapy in animal models. 2020 , 297-311		

50	Generation of Nonhuman Primate Model of Cone Dysfunction through AAV-Mediated Ablation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 18, 869-879	6.4	8
49	Focused Update on AAV-Based Gene Therapy Clinical Trials for Inherited Retinal Degeneration. <i>BioDrugs</i> , 2020 , 34, 763-781	7.9	11
48	Evaluation of Photoreceptor Transduction Efficacy of Capsid-Modified Adeno-Associated Viral Vectors Following Intravitreal and Subretinal Delivery in Sheep. <i>Human Gene Therapy</i> , 2020 , 31, 719-729	4.8	7
47	Ophthalmic Wearable Devices for Color Blindness Management. <i>Advanced Materials Technologies</i> , 2020 , 5, 1901134	6.8	13
46	Photoreceptor Structure in GNAT2-Associated Achromatopsia. 2020 , 61, 40		19
45	Diminished Cone Sensitivity in cpfl3 Mice Is Caused by Defective Transducin Signaling. 2020 , 61, 26		0
44	Contact Lenses for Color Vision Deficiency. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000797	6.8	10
43	Color vision. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021 , 178, 131-153	3	3
42	Ocular Gene Therapies. 2021 , 1-28		
41	Novel therapeutics in nystagmus: what has the genetics taught us so far?. <i>Therapeutic Advances in Rare Disease</i> , 2021 , 2, 263300402199871	1.4	1
40	Progressive and Stationary Disorders of Cone Function: Cone and Cone-Rod Dystrophies and Cone Dysfunction Syndromes. 2021 , 1-29		
39	Gene therapy in color vision deficiency: a review. <i>International Ophthalmology</i> , 2021 , 41, 1917-1927	2.2	5
38	Inherited retinal diseases: Therapeutics, clinical trials and end points-A review. <i>Clinical and Experimental Ophthalmology</i> , 2021 , 49, 270-288	2.4	12
37	Light-mediated planar polarization of cone photoreceptor cilia contributes to visual acuity in mammals.		1
36	Achromatopsia as a potential candidate for gene therapy. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 664, 639-46	3.6	29
35	Adeno-associated virus serotype-9 mediated retinal outer plexiform layer transduction is mainly through the photoreceptors. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 664, 671-8	3.6	8
34	Mouse models for cone degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 801, 567-73	3.6	7
33	Cone specific promoter for use in gene therapy of retinal degenerative diseases. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 801, 695-701	3.6	12

32	Optimized technique for subretinal injections in mice. <i>Methods in Molecular Biology</i> , 2013 , 935, 343-9	1.4	23
31	AAV Vector-Based Gene Therapy, Progress and Current Challenges. 2017 , 77-112		2
30	A demonstration of cone function plasticity after gene therapy in achromatopsia.		2
29	Gene therapy and genome surgery in the retina. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2177-2188	15.9	76
28	A nonhuman primate model of inherited retinal disease. <i>Journal of Clinical Investigation</i> , 2019 , 129, 863-874		46
27	Ocular delivery of compacted DNA-nanoparticles does not elicit toxicity in the mouse retina. <i>PLoS ONE</i> , 2009 , 4, e7410	3.7	54
26	Functional and behavioral restoration of vision by gene therapy in the guanylate cyclase-1 (GC1) knockout mouse. <i>PLoS ONE</i> , 2010 , 5, e11306	3.7	79
25	AAV-mediated cone rescue in a naturally occurring mouse model of CNGA3-achromatopsia. <i>PLoS ONE</i> , 2012 , 7, e35250	3.7	91
24	Comparative analysis of gene transfer to human and rat retinal pigment epithelium cell line by a combinatorial use of recombinant adeno- associated virus and ultrasound or/and microbubbles. <i>Bosnian Journal of Basic Medical Sciences</i> , 2009 , 9, 174-81	3.3	7
23	AAV-mediated human CNGB3 restores cone function in an all-cone mouse model of achromatopsia. <i>Journal of Biomedical Research</i> , 2019 , 34, 114-121	1.5	1
22	Gene Therapy in Inherited Retinal Diseases: An Update on Current State of the Art. <i>Frontiers in Medicine</i> , 2021 , 8, 750586	4.9	3
21	Loss of visual and retinal function in light-stressed mice. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 613, 157-64	3.6	
20	Gene-Based Medicines Targeting Genetic Defects Directly and Molecular Pathologies Common to Multiple Forms of Disease. <i>SpringerBriefs in Genetics</i> , 2012 , 11-30		
19	30 Years Later. 2019 ,		2
18	Intraocular route of AAV2 vector administration defines humoral immune response and therapeutic potential. <i>Molecular Vision</i> , 2008 , 14, 1760-9	2.3	128
17	Gene therapy following subretinal AAV5 vector delivery is not affected by a previous intravitreal AAV5 vector administration in the partner eye. <i>Molecular Vision</i> , 2009 , 15, 267-75	2.3	37
16	Adeno-associated virus serotype-9 efficiently transduces the retinal outer plexiform layer. <i>Molecular Vision</i> , 2009 , 15, 1374-82	2.3	19
15	Nonviral ocular gene therapy: assessment and future directions. <i>Current Opinion in Molecular Therapeutics</i> , 2008 , 10, 456-63		27

14	Quantifying transduction efficiencies of unmodified and tyrosine capsid mutant AAV vectors in vitro using two ocular cell lines. <i>Molecular Vision</i> , 2011 , 17, 1090-102	2.3	28
13	Gene therapy in animal models of autosomal dominant retinitis pigmentosa. <i>Molecular Vision</i> , 2012 , 18, 2479-96	2.3	43
12	Gene Therapy for Color Blindness. <i>Yale Journal of Biology and Medicine</i> , 2017 , 90, 543-551	2.4	14
11	Achromatopsia: Genetics and Gene Therapy. <i>Molecular Diagnosis and Therapy</i> , 2021 , 1	4.5	2
10	Two-dimensional biocompatible plasmonic contact lenses for color blindness correction.. <i>Scientific Reports</i> , 2022 , 12, 2037	4.9	3
9	Manufacturing Considerations and Challenges for AAV Ocular Gene Therapy. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2021 , 613-633	0.5	
8	Gene Therapy in <i>Opn1mw</i> ^{-/-} / <i>Opn1sw</i> ^{-/-} Mice and Implications for Blue Cone Monochromacy Patients with Deletion Mutations.. <i>Human Gene Therapy</i> , 2022 ,	4.8	1
7	Progressive and Stationary Disorders of Cone Function: Cone and Cone-Rod Dystrophies and Cone Dysfunction Syndromes. 2022 , 3937-3965		
6	Ocular Gene Therapies. 2022 , 2883-2910		
5	Optogenetic approaches to gene therapy for vision restoration in retinal degenerative diseases. 2022 , 581-606		0
4	Post-developmental plasticity of the primary rod pathway allows restoration of visually guided behaviors. 2022 ,		1
3	Gene Therapy Cargos Based on Viral Vector Delivery. 2022 , 22,		1
2	Plasmonic Eyeglasses Based on Gold Nanoparticles for Color Vision Deficiency Management. 2022 , 5, 18788-18798		0
1	Viral Vectors in Gene Therapy: Where Do We Stand in 2023?. 2023 , 15, 698		0