Stephen H Tsang

List of Publications by Year
in descending order

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356 papers	9,477 citations	57758 44 h-index	88630 70 g-index
361 all docs	361 docs citations	361 times ranked	8667 citing authors

#	Article	IF	Citations
1	Vitamin A deficiency and the retinal â€œdouble carrotâ€•sign with optical coherence tomography. Eye, 2023, 37, 1489-1495.	2.1	2
2	VITAMIN A DEFICIENCY MONITORED BY QUANTITATIVE SHORT WAVELENGTH FUNDUS AUTOFLUORESCENCE IN A CASE OF BARIATRIC SURGERY. Retinal Cases and Brief Reports, 2022, 16, 218-221.	0.6	9
3	A mutation in CRX causing pigmented paravenous retinochoroidal atrophy. European Journal of Ophthalmology, 2022, 32, NP235-NP239.	1.3	4
4	Renormalization of metabolic coupling treats age-related degenerative disorders: an oxidative RPE niche fuels the more glycolytic photoreceptors. Eye, 2022, 36, 278-283.	2.1	6
5	A genotype-phenotype correlation matrix for ABCA4 disease based on long-term prognostic outcomes. JCI Insight, 2022, 7, .	5.0	16
6	Comparisons Among Optical Coherence Tomography and Fundus Autofluorescence Modalities as Measurements of Atrophy in ABCA4-Associated Disease. Translational Vision Science and Technology, 2022, 11, 36.	2.2	1
7	CRISPR genome surgery in a novel humanized model for autosomal dominant retinitis pigmentosa. Molecular Therapy, 2022, 30, 1407-1420.	8.2	16
8	Long-term vitamin A supplementation in a preclinical mouse model forRhoD190N-associated retinitis pigmentosa. Human Molecular Genetics, 2022, 31, 2438-2451.	2.9	5
9	Late-stage rescue of visually guided behavior in the context of a significantly remodeled retinitis pigmentosa mouse model. Cellular and Molecular Life Sciences, 2022, 79, 148.	5.4	3
10	Rare and common variants in ROM1 and PRPH2 genes trans-modify Stargardt/ABCA4 disease. PLoS Genetics, 2022, 18, e1010129.	3.5	8
11	Comprehensive variant spectrum of the CNGA3 gene in patients affected by achromatopsia. Human Mutation, 2022, 43, 832-858.	2.5	8
12	Expanding the phenotype of TTLL5-associated retinal dystrophy: a case series. Orphanet Journal of Rare Diseases, 2022, 17, 146.	2.7	3
13	Proteomic Analysis of Autoimmune Retinopathy Implicates Neuronal Cell Adhesion Molecule as a Potential Biomarker. Ophthalmology Science, 2022, 2, 100131.	2.5	4
14	Multimodal imaging reveals retinoschisis masquerading as retinal detachment in patients with choroideremia. American Journal of Ophthalmology Case Reports, 2022, 26, 101543.	0.7	2
15	Longitudinal Analysis of a Resolving Foveomacular Vitelliform Lesion in ABCA4 Disease. Ophthalmology Retina, 2022, 6, 847-860.	2.4	1
16	CRISPR/Cas therapeutic strategies for autosomal dominant disorders. Journal of Clinical Investigation, 2022, 132, .	8.2	8
17	Choroideremia Carriers: Dark-Adapted Perimetry and Retinal Structures. , 2022, 63, 4.		3
18	PROGRESSION OF SCOTOPIC SINGLE-FLASH ELECTRORETINOGRAPHY IN THE STAGES OF CAPN5 VITREORETINOPATHY. Retinal Cases and Brief Reports, 2021, 15, 473-478.	0.6	5

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19	CHORIORETINAL CHANGES IN A GENETICALLY CONFIRMED CASE OF BOUCHERâ€"NEUHÃ„USER SYNDROME. Retinal Cases and Brief Reports, 2021, 15, 179-184.	0.6	9
20	Whole-Exome Sequencing of Patients With Posterior Segment Uveitis. American Journal of Ophthalmology, 2021, 221, 246-259.	3.3	10
21	Retinal pigment epithelium lipid metabolic demands and therapeutic restoration. Taiwan Journal of Ophthalmology, 2021, 11, 216.	0.7	6
22	Retinal Pigment Epithelium Atrophy in Recessive Stargardt Disease as Measured by Short-Wavelength and Near-Infrared Autofluorescence. Translational Vision Science and Technology, 2021, 10, 3.	2.2	9
23	Nutrigenetic reprogramming of oxidative stress. Taiwan Journal of Ophthalmology, 2021, 11, 207.	0.7	2
24	Central serous chorioretinopathy treatment with a systemic PDE5 and PDE6 inhibitor (sildenafil). American Journal of Ophthalmology Case Reports, 2021, 21, 100998.	0.7	2
25	Commentary on â€œExome sequencing and electro-clinical features in pediatric patients with very early-onset retinal dystrophies: A cohort studyâ€• European Journal of Paediatric Neurology, 2021, 31, 106-107.	1.6	0
26	Telegenetics for inherited retinal diseases in the COVID-19 environment. International Journal of Retina and Vitreous, 2021, 7, 25.	1.9	4
27	Bardet-Biedl syndrome proteins regulate intracellular signaling and neuronal function in patient-specific iPSC-derived neurons. Journal of Clinical Investigation, 2021, 131, .	8.2	30
28	Cis-acting modifiers in the ABCA4 locus contribute to the penetrance of the major disease-causing variant in Stargardt disease. Human Molecular Genetics, 2021, 30, 1293-1304.	2.9	25
29	A novel KCNV2 mutation in a patient taking hydroxychloroquine associated with cone dystrophy with supernormal rod response. Ophthalmic Genetics, 2021, 42, 458-463.	1.2	2
30	CNGB1 â€•related rodâ€•cone dystrophy: A mutation review and update. Human Mutation, 2021, 42, 641-666.	2.5	16
31	Impaired cholesterol efflux in retinal pigment epithelium of individuals with juvenile macular degeneration. American Journal of Human Genetics, 2021, 108, 903-918.	6.2	10
32	Overcoming translational barriers in modeling macular degenerations. Cell Stem Cell, 2021, 28, 781-783.	11.1	1
33	Distinct expression requirements and rescue strategies for BEST1 loss- and gain-of-function mutations. ELife, 2021, 10, .	6.0	11
34	Correspondence. Ophthalmology Retina, 2021, 5, e7-e8.	2.4	0
35	Shared Features in Retinal Disorders With Involvement of Retinal Pigment Epithelium. , 2021, 62, 15.		5
36	Stage-dependent choriocapillaris impairment in Best vitelliform macular dystrophy characterized by optical coherence tomography angiography. Scientific Reports, 2021, 11, 14300.	3.3	4

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37	Expanding the clinical phenotype in patients with disease causing variants associated with atypical Usher syndrome. Ophthalmic Genetics, 2021, 42, 664-673.	1.2	14
38	Mouse Models of Achromatopsia in Addressing Temporal â€œPoint of No Returnâ€•in Gene-Therapy. International Journal of Molecular Sciences, 2021, 22, 8069.	4.1	2
39	Gene therapy for inherited retinal diseases. Annals of Translational Medicine, 2021, 9, 1278-1278.	1.7	36
40	Precision Medicine Trials in Retinal Degenerations. Annual Review of Vision Science, 2021, 7, 851-865.	4.4	6
41	Clinical and genetic findings in Italian patients with sector retinitis pigmentosa. Molecular Vision, 2021, 27, 78-94.	1.1	2
42	Management and treatment of inherited retinal dystrophies. Taiwan Journal of Ophthalmology, 2021, 11, 205-206.	0.7	0
43	Phase transition specified by a binary code patterns the vertebrate eye cup. Science Advances, 2021, 7, eabj9846.	10.3	19
44	Novel REEP6 gene mutation associated with autosomal recessive retinitis pigmentosa. Documenta Ophthalmologica, 2020, 140, 67-75.	2.2	6
45	Therapy in Rhodopsin-Mediated Autosomal Dominant Retinitis Pigmentosa. Molecular Therapy, 2020, 28, 2139-2149.	8.2	40
46	Retinal Manifestations of Mitochondrial Oxidative Phosphorylation Disorders. , 2020, 61, 12.		9
47	Compound heterozygous inheritance of two novel COQ2 variants results in familial coenzyme Q deficiency. Orphanet Journal of Rare Diseases, 2020, 15, 320.	2.7	8
48	Treatment-Emergent Adverse Events in Gene Therapy Trials for Inherited Retinal Diseases: A Narrative Review. Ophthalmology and Therapy, 2020, 9, 709-724.	2.3	20
49	Quantitative Autofluorescence Following Gene Therapy With Voretigene Neparvovec. JAMA Ophthalmology, 2020, 138, 919.	2.5	9
50	Allele-Specific Chromosome Removal after Cas9 Cleavage in Human Embryos. Cell, 2020, 183, 1650-1664.e15.	28.9	198
51	Dark noise and retinal degeneration from D190N-rhodopsin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23033-23043.	7.1	6
52	Quantitative Fundus Autofluorescence in HCQ Retinopathy. , 2020, 61, 41.		14
53	Presumed Chloroquine Retinopathy With Short-term Therapy for Glioblastoma Multiforme. JAMA Ophthalmology, 2020, 138, 1215.	2.5	3
54	Spectral-Domain Optical Coherence Tomography Is More Sensitive for Hydroxychloroquine-Related Structural Abnormalities Than Short-Wavelength and Near-Infrared Autofluorescence. Translational Vision Science and Technology, 2020, 9, 8.	2.2	5

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55	Stickler Syndrome Genotype (COL2A1 mutation) with Retinitis Pigmentosa Phenotype. Ophthalmology Retina, 2020, 4, 522.	2.4	2
56	Sequential multiple retinal vein occlusions and transient ischemic attack in MTHFR polymorphism and protein S deficiency. Molecular Genetics & Genomic Medicine, 2020, 8, e1273.	1.2	4
57	PKM2 ablation enhanced retinal function and survival in a preclinical model of retinitis pigmentosa. Mammalian Genome, 2020, 31, 77-85.	2.2	9
58	Phenotypic variance in Calpain-5 retinal degeneration. American Journal of Ophthalmology Case Reports, 2020, 18, 100627.	0.7	7
59	Optical coherence tomography in the evaluation of retinitis pigmentosa. Ophthalmic Genetics, 2020, 41, 413-419.	1.2	9
60	Stargardt Juvenile Macular Degeneration. New England Journal of Medicine, 2020, 382, 2353-2353.	27.0	0
61	Quasidominance in autosomal recessive RDH12-Leber congenital amaurosis. Ophthalmic Genetics, 2020, 41, 198-200.	1.2	2
62	Phenotypic expansion of autosomal dominant retinitis pigmentosa associated with the D477G mutation in RPE65. Journal of Physical Education and Sports Management, 2020, 6, a004952.	1.2	11
63	Prospective Impact of Sildenafil on Chronic cEntral Serous Chorioretinopathy. Ophthalmology Retina, 2020, 4, 1119-1123.	2.4	11
64	Short-Wavelength and Near-Infrared Autofluorescence in Patients with Deficiencies of the Visual Cycle and Phototransduction. Scientific Reports, 2020, 10, 8998.	3.3	9
65	Metabolite therapy guided by liquid biopsy proteomics delays retinal neurodegeneration. EBioMedicine, 2020, 52, 102636.	6.1	30
66	Disease asymmetry and hyperautofluorescent ring shape in retinitis pigmentosa patients. Scientific Reports, 2020, 10, 3364.	3.3	9
67	Progressive RPE atrophy and photoreceptor death in KIZ-associated autosomal recessive retinitis pigmentosa. Ophthalmic Genetics, 2020, 41, 26-30.	1.2	3
68	Inhibition of Ca ²⁺ channel surface expression by mutant bestrophinâ€1 in RPE cells. FASEB Journal, 2020, 34, 4055-4071.	0.5	8
69	Comparative Analysis of Functional and Structural Decline in Retinitis Pigmentosas. International Journal of Molecular Sciences, 2020, 21, 2730.	4.1	5
70	Progressive Choriocapillaris Impairment in ABCA4 Maculopathy Is Secondary to Retinal Pigment Epithelium Atrophy. , 2020, 61, 13.		5
71	Perspectives on Gene Therapy: Choroideremia Represents a Challenging Model for the Treatment of Other Inherited Retinal Degenerations. Translational Vision Science and Technology, 2020, 9, 17.	2.2	11
72	Differences in Intraretinal Pigment Migration Across Inherited Retinal Dystrophies. American Journal of Ophthalmology, 2020, 217, 252-260.	3.3	5

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73	Effects of deficiency in the RLBP1-encoded visual cycle protein CRALBP on visual dysfunction in humans and mice. Journal of Biological Chemistry, 2020, 295, 6767-6780.	3.4	24
74	Multiexon deletion alleles of ATF6 linked to achromatopsia. JCI Insight, 2020, 5, .	5.0	13
75	Precision metabolome reprogramming for imprecision therapeutics in retinitis pigmentosa. Journal of Clinical Investigation, 2020, 130, 3971-3973.	8.2	11
76	Fundoscopy-directed genetic testing to re-evaluate negative whole exome sequencing results. Orphanet Journal of Rare Diseases, 2020, 15, 32.	2.7	8
77	Optical Gap Biomarker in Cone-Dominant Retinal Dystrophy. American Journal of Ophthalmology, 2020, 218, 40-53.	3.3	4
78	Non-paraneoplastic related retinopathy: clinical challenges and review. Ophthalmic Genetics, 2019, 40, 293-297.	1.2	3
79	Choroidal neovascularization in an adolescent with RDH12-associated retinal degeneration. Ophthalmic Genetics, 2019, 40, 362-364.	1.2	4
80	CAPN5 genetic inactivation phenotype supports therapeutic inhibition trials. Human Mutation, 2019, 40, 2377-2392.	2.5	9
81	Significant Vision Recovery after Early Treatment of Diffuse Unilateral Subacute Neuroretinitis. Ophthalmology Retina, 2019, 3, 709.	2.4	0
82	Comparison of structural progression between ciliopathy and non-ciliopathy associated with autosomal recessive retinitis pigmentosa. Orphanet Journal of Rare Diseases, 2019, 14, 187.	2.7	15
83	Multimodal structural disease progression of retinitis pigmentosa according to mode of inheritance. Scientific Reports, 2019, 9, 10712.	3.3	19
84	Characterization of Retinal Structure in ATF6-Associated Achromatopsia. , 2019, 60, 2631.		43
85	CRISPR Base Editing in Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2019, 2045, 337-346.	0.9	11
86	HMGB1 and Caveolin-1 related to RPE cell senescence in age-related macular degeneration. Aging, 2019, 11, 4323-4337.	3.1	17
87	CLIC4 regulates late endosomal trafficking and matrix degradation activity of MMP14 at focal adhesions in RPE cells. Scientific Reports, 2019, 9, 12247.	3.3	16
88	Hypoxic drive caused type 3 neovascularization in a preclinical model of exudative age-related macular degeneration. Human Molecular Genetics, 2019, 28, 3475-3485.	2.9	9
89	Distinct Imprinting Signatures and Biased Differentiation of Human Androgenetic and Parthenogenetic Embryonic Stem Cells. Cell Stem Cell, 2019, 25, 419-432.e9.	11.1	31
90	Modification of the PROM1 disease phenotype by a mutation in ABCA4. Ophthalmic Genetics, 2019, 40, 369-375.	1.2	17

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91	Fundus autofluorescence and ellipsoid zone (EZ) line width can be an outcome measurement in RHO-associated autosomal dominant retinitis pigmentosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 725-731.	1.9	20
92	VCANCanonical Splice Site Mutation is Associated With Vitreoretinal Degeneration and Disrupts an MMP Proteolytic Site. , 2019, 60, 282.		19
93	Proteomic insight into the pathogenesis of CAPN5-vitreoretinopathy. Scientific Reports, 2019, 9, 7608.	3.3	9
94	Spectrum of Disease Severity and Phenotype in Choroideremia Carriers. American Journal of Ophthalmology, 2019, 207, 77-86.	3.3	21
95	Multimodal Imaging in Best Vitelliform Macular Dystrophy. , 2019, 60, 2012.		26
96	Correlation between B-scan optical coherence tomography, en face thickness map ring and hyperautofluorescent ring in retinitis pigmentosa patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 1601-1609.	1.9	4
97	Multi-platform imaging in ABCA4-Associated Disease. Scientific Reports, 2019, 9, 6436.	3.3	17
98	Therapeutic Window for Phosphodiesterase 6â€"Related Retinitis Pigmentosa. JAMA Ophthalmology, 2019, 137, 679.	2.5	3
99	Mechanisms of neurodegeneration in a preclinical autosomal dominant retinitis pigmentosa knock-in model with a RhoD190N mutation. Cellular and Molecular Life Sciences, 2019, 76, 3657-3665.	5.4	7
100	A caseâ€"control collapsing analysis identifies retinal dystrophy genes associated with ophthalmic disease in patients with no pathogenic ABCA4 variants. Genetics in Medicine, 2019, 21, 2336-2344.	2.4	27
101	Investigation and Restoration of BEST1 Activity in Patient-derived RPEs with Dominant Mutations. Scientific Reports, 2019, 9, 19026.	3.3	27
102	Inside Back Cover, Volume 40, Issue 12. Human Mutation, 2019, 40, ii.	2.5	0
103	Compound heterozygous novel frameshift variants in the PROM1 gene result in Leber congenital amaurosis. Journal of Physical Education and Sports Management, 2019, 5, a004481.	1.2	9
104	Novel mutations in the 3-box motif of the BACK domain of KLHL7 associated with nonsyndromic autosomal dominant retinitis pigmentosa. Orphanet Journal of Rare Diseases, 2019, 14, 295.	2.7	4
105	SCAPERâ€associated nonsyndromic autosomal recessive retinitis pigmentosa. American Journal of Medical Genetics, Part A, 2019, 179, 312-316.	1.2	10
106	Attenuation of Inherited and Acquired Retinal Degeneration Progression with Gene-based Techniques. Molecular Diagnosis and Therapy, 2019, 23, 113-120.	3.8	6
107	Viral Delivery Systems for CRISPR. Viruses, 2019, 11, 28.	3.3	174
108	Adeno-Associated Viral Gene Therapy for Inherited Retinal Disease. Pharmaceutical Research, 2019, 36, 34.	3.5	43

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109	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. British Journal of Ophthalmology, 2019, 103, 933-937.	3.9	12
110	Hyperautofluorescent Dots are Characteristic in Ceramide Kinase Like-associated Retinal Degeneration. Scientific Reports, 2019, 9, 876.	3.3	8
111	Phenotypic expansion and progression of SPATA7-associated retinitis pigmentosa. Documenta Ophthalmologica, 2018, 136, 125-133.	2.2	5
112	A novel de novo CAPN5 mutation in a patient with inflammatory vitreoretinopathy, hearing loss, and developmental delay. Journal of Physical Education and Sports Management, 2018, 4, a002519.	1.2	23
113	The unfolded protein response regulator ATF6 promotes mesodermal differentiation. Science Signaling, 2018, 11, .	3.6	54
114	Autologous stem cell therapy for inherited and acquired retinal disease. Regenerative Medicine, 2018, 13, 89-96.	1.7	10
115	Personalized Proteomics in Proliferative Vitreoretinopathy Implicate Hematopoietic Cell Recruitment and mTOR as a Therapeutic Target. American Journal of Ophthalmology, 2018, 186, 152-163.	3.3	34
116	Reprogramming the metabolome rescues retinal degeneration. Cellular and Molecular Life Sciences, 2018, 75, 1559-1566.	5.4	18
117	Success of Gene Therapy in Late-Stage Treatment. Advances in Experimental Medicine and Biology, 2018, 1074, 101-107.	1.6	4
118	Treatment of Macular Degeneration with Sildenafil: Results of a Two-Year Trial. Ophthalmologica, 2018, 240, 45-54.	1.9	19
119	A Distinct Phenotype of Eyes Shut Homolog (EYS)-Retinitis Pigmentosa Is Associated With Variants Near the C-Terminus. American Journal of Ophthalmology, 2018, 190, 99-112.	3.3	23
120	CHOROIDEREMIA ASSOCIATED WITH A NOVEL SYNONYMOUS MUTATION IN GENE ENCODING REP-1. Retinal Cases and Brief Reports, 2018, 12, S67-S71.	0.6	6
121	HYPERREFLECTIVE DEPOSITION IN THE BACKGROUND OF ADVANCED STARGARDT DISEASE. Retina, 2018, 38, 2214-2219.	1.7	7
122	The Rapid-Onset Chorioretinopathy Phenotype of ABCA4 Disease. Ophthalmology, 2018, 125, 89-99.	5.2	39
123	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa: A Brief Methodology. Methods in Molecular Biology, 2018, 1715, 191-205.	0.9	4
124	Stem cell therapy and regenerative medicine in RPE degenerative disease: advances and challenges. Expert Review of Ophthalmology, 2018, 13, 321-327.	0.6	0
125	Caring for Hereditary Childhood Retinal Blindness. Asia-Pacific Journal of Ophthalmology, 2018, 7, 183-191.	2.5	14
126	Personalized Proteomics for Precision Health: Identifying Biomarkers of Vitreoretinal Disease. Translational Vision Science and Technology, 2018, 7, 12.	2.2	33

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127	Extracellular Matrix: Alport Syndrome. Advances in Experimental Medicine and Biology, 2018, 1085, 197-198.	1.6	1
128	Glossary of Relevant Genetic and Molecular/Cell Biology. Advances in Experimental Medicine and Biology, 2018, 1085, 23-28.	1.6	0
129	Autosomal Dominant Retinitis Pigmentosa. Advances in Experimental Medicine and Biology, 2018, 1085, 69-77.	1.6	24
130	Best Vitelliform Macular Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 79-90.	1.6	8
131	Occult Macular Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 103-104.	1.6	4
132	Sorsby Pseudoinflammatory Fundus Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 105-108.	1.6	2
133	Retinitis Pigmentosa (Non-syndromic). Advances in Experimental Medicine and Biology, 2018, 1085, 125-130.	1.6	41
134	Stargardt Disease. Advances in Experimental Medicine and Biology, 2018, 1085, 139-151.	1.6	35
135	Optical Coherence Tomography. Advances in Experimental Medicine and Biology, 2018, 1085, 11-13.	1.6	11
136	Mitochondrial Disorder: Maternally Inherited Diabetes and Deafness. Advances in Experimental Medicine and Biology, 2018, 1085, 163-165.	1.6	15
137	Ciliopathy: AlstrÃ¶m Syndrome. Advances in Experimental Medicine and Biology, 2018, 1085, 179-180.	1.6	20
138	Ciliopathy: SjÃ¶gren-Larsson Syndrome. Advances in Experimental Medicine and Biology, 2018, 1085, 181-182.	1.6	1
139	Inborn Errors of Metabolism: Gyrate Atrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 183-185.	1.6	9
140	Inborn Errors of Metabolism: Refsum Disease. Advances in Experimental Medicine and Biology, 2018, 1085, 191-192.	1.6	3
141	Inborn Errors of Metabolism: Bietti Crystalline Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 193-195.	1.6	2
142	Neurofibromatosis. Advances in Experimental Medicine and Biology, 2018, 1085, 209-211.	1.6	0
143	Syphilis. Advances in Experimental Medicine and Biology, 2018, 1085, 219-221.	1.6	2
144	Drug-Induced Retinal Toxicity. Advances in Experimental Medicine and Biology, 2018, 1085, 227-232.	1.6	8

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145	Genetic Testing for Inherited Retinal Dystrophy: Basic Understanding. Advances in Experimental Medicine and Biology, 2018, 1085, 261-268.	1.6	5
146	X-linked Choroideremia. Advances in Experimental Medicine and Biology, 2018, 1085, 37-42.	1.6	5
147	Rod Monochromatism (Achromatopsia). Advances in Experimental Medicine and Biology, 2018, 1085, 119-123.	1.6	11
148	Fundus Autofluorescence. Advances in Experimental Medicine and Biology, 2018, 1085, 15-16.	1.6	7
149	Tuberous Sclerosis. Advances in Experimental Medicine and Biology, 2018, 1085, 205-207.	1.6	5
150	X-linked Ocular Albinism. Advances in Experimental Medicine and Biology, 2018, 1085, 49-52.	1.6	5
151	Fluorescein Angiography. Advances in Experimental Medicine and Biology, 2018, 1085, 7-10.	1.6	6
152	Leber Congenital Amaurosis. Advances in Experimental Medicine and Biology, 2018, 1085, 131-137.	1.6	49
153	Ciliopathy: Usher Syndrome. Advances in Experimental Medicine and Biology, 2018, 1085, 167-170.	1.6	27
154	Ciliopathy: Bardet-Biedl Syndrome. Advances in Experimental Medicine and Biology, 2018, 1085, 171-174.	1.6	58
155	Autoimmune Retinopathy. Advances in Experimental Medicine and Biology, 2018, 1085, 223-226.	1.6	2
156	X-linked Retinitis Pigmentosa. Advances in Experimental Medicine and Biology, 2018, 1085, 31-35.	1.6	19
157	Revolution in Gene Medicine Therapy and Genome Surgery. Genes, 2018, 9, 575.	2.4	25
158	Quantitative progression of retinitis pigmentosa by optical coherence tomography angiography. Scientific Reports, 2018, 8, 13130.	3.3	37
159	Structural disease progression in PDE6-associated autosomal recessive retinitis pigmentosa. Ophthalmic Genetics, 2018, 39, 610-614.	1.2	19
160	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. Orphanet Journal of Rare Diseases, 2018, 13, 138.	2.7	7
161	Deferoxamine-induced electronegative ERG responses. Documenta Ophthalmologica, 2018, 137, 15-23.	2.2	2
162	Congenital grouped albinotic spots of the retinal pigment epithelium in a patient with hemihypertrophy and cafÃ© au lait spots. Documenta Ophthalmologica, 2018, 137, 9-14.	2.2	1

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163	Multimodal characterization of a novel mutation causing vitamin B6-responsive gyrate atrophy. Ophthalmic Genetics, 2018, 39, 512-516.	1.2	9
164	Extremely hypomorphic and severe deep intronic variants in the ABCA4 locus result in varying Stargardt disease phenotypes. Journal of Physical Education and Sports Management, 2018, 4, a002733.	1.2	61
165	Two-year progression analysis of RPE65 autosomal dominant retinitis pigmentosa. Ophthalmic Genetics, 2018, 39, 544-549.	1.2	24
166	Extracellular superoxide dismutase (SOD3) regulates oxidative stress at the vitreoretinal interface. Free Radical Biology and Medicine, 2018, 124, 408-419.	2.9	32
167	CRISPR/Cas9 genome surgery for retinal diseases. Drug Discovery Today: Technologies, 2018, 28, 23-32.	4.0	10
168	Deep Scleral Exposure: A Degenerative Outcome of End-Stage Stargardt Disease. American Journal of Ophthalmology, 2018, 195, 16-25.	3.3	10
169	Gene therapy in inherited retinal degenerative diseases, a review. Ophthalmic Genetics, 2018, 39, 560-568.	1.2	55
170	Genetic Rescue Reverses Microglial Activation in Preclinical Models of Retinitis Pigmentosa. Molecular Therapy, 2018, 26, 1953-1964.	8.2	16
171	Translation of CRISPR Genome Surgery to the Bedside for Retinal Diseases. Frontiers in Cell and Developmental Biology, 2018, 6, 46.	3.7	18
172	CRISPR GENOME SURGERY IN THE RETINA IN LIGHT OF OFF-TARGETING. Retina, 2018, 38, 1443-1455.	1.7	11
173	Clustered Regularly Interspaced Short Palindromic Repeats-Based Genome Surgery for the Treatment of Autosomal Dominant Retinitis Pigmentosa. Ophthalmology, 2018, 125, 1421-1430.	5.2	100
174	<scp>HTRA</scp>1, an ageâ€related macular degeneration protease, processes extracellular matrix proteins <scp>EFEMP</scp>1 and <scp>TSP</scp>1. Aging Cell, 2018, 17, e12710.	6.7	79
175	Mutations inGPR143/OA1andABCA4Inform Interpretations of Short-Wavelength and Near-Infrared Fundus Autofluorescence. , 2018, 59, 2459.		25
176	Quantitative Comparison of Near-infrared Versus Short-wave Autofluorescence Imaging in Monitoring Progression of Retinitis Pigmentosa. American Journal of Ophthalmology, 2018, 194, 120-125.	3.3	19
177	Rates of Bone Spicule Pigment Appearance in Patients With Retinitis Pigmentosa Sine Pigmento. American Journal of Ophthalmology, 2018, 195, 176-180.	3.3	12
178	Proteomic analysis of the human retina reveals region-specific susceptibilities to metabolic- and oxidative stress-related diseases. PLoS ONE, 2018, 13, e0193250.	2.5	35
179	X-linked Juvenile Retinoschisis. Advances in Experimental Medicine and Biology, 2018, 1085, 43-48.	1.6	6
180	Progressive Cone Dystrophy and Cone-Rod Dystrophy (XL, AD, and AR). Advances in Experimental Medicine and Biology, 2018, 1085, 53-60.	1.6	20

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181	Congenital Stationary Night Blindness. Advances in Experimental Medicine and Biology, 2018, 1085, 61-64.	1.6	10
182	Pattern Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 91-96.	1.6	6
183	North Carolina Macular Dystrophy. Advances in Experimental Medicine and Biology, 2018, 1085, 109-110.	1.6	1
184	Enhanced S-Cone Syndrome (Goldmann-Favre Syndrome). Advances in Experimental Medicine and Biology, 2018, 1085, 153-156.	1.6	12
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