Stephen H Tsang

List of Publications by Year in Descending Order

342 papers	6,728 citations	44 h-index	65 g-index
361 ext. papers	8,127 ext. citations	5.1 avg, IF	6.24 L-index

#	Paper	IF	Citations
342	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	3.3	
341	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	10.3	
340	Rare and common variants in ROM1 and PRPH2 genes trans-modify Stargardt/ABCA4 disease.. *PLoS Genetics*, **2022**, 18, e1010129	6	
339	Expanding the phenotype of TTLL5-associated retinal dystrophy: a case series.. *Orphanet Journal of Rare Diseases*, **2022**, 17, 146	4.2	1
338	Multimodal imaging reveals retinoschisis masquerading as retinal detachment in patients with choroideremia.. *American Journal of Ophthalmology Case Reports*, **2022**, 26, 101543	1.3	
337	Clinical and genetic findings in Italian patients with sector retinitis pigmentosa. *Molecular Vision*, **2021**, 27, 78-94	2.3	0
336	Phase transition specified by a binary code patterns the vertebrate eye cup. *Science Advances*, **2021**, 7, eabj9846	14.3	3
335	Telegenetics for inherited retinal diseases in the COVID-19 environment. *International Journal of Retina and Vitreous*, **2021**, 7, 25	2.9	1
334	Bardet-Biedl syndrome proteins regulate intracellular signaling and neuronal function in patient-specific iPSC-derived neurons. *Journal of Clinical Investigation*, **2021**, 131,	15.9	6
333	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	5.6	5
332	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	0
331	CNGB1-related rod-cone dystrophy: A mutation review and update. *Human Mutation*, **2021**, 42, 641-666	4.7	6
330	Impaired cholesterol efflux in retinal pigment epithelium of individuals with juvenile macular degeneration. *American Journal of Human Genetics*, **2021**, 108, 903-918	11	3
329	Overcoming translational barriers in modeling macular degenerations. *Cell Stem Cell*, **2021**, 28, 781-783	18	0
328	Distinct expression requirements and rescue strategies for loss- and gain-of-function mutations. *ELife*, **2021**, 10,	8.9	2
327	Reply. *Ophthalmology Retina*, **2021**, 5, e7-e8	3.8	
326	Shared Features in Retinal Disorders With Involvement of Retinal Pigment Epithelium **2021**, 62, 15		1

325	Stage-dependent choriocapillaris impairment in Best vitelliform macular dystrophy characterized by optical coherence tomography angiography. *Scientific Reports*, **2021**, 11, 14300	4.9	1
324	Expanding the clinical phenotype in patients with disease causing variants associated with atypical Usher syndrome. *Ophthalmic Genetics*, **2021**, 42, 664-673	1.2	5
323	CHORIORETINAL CHANGES IN A GENETICALLY CONFIRMED CASE OF BOUCHER-NEUHÄUSER SYNDROME. *Retinal Cases and Brief Reports*, **2021**, 15, 179-184	1.1	7
322	Whole-Exome Sequencing of Patients With Posterior Segment Uveitis. *American Journal of Ophthalmology*, **2021**, 221, 246-259	4.9	3
321	Retinal pigment epithelium lipid metabolic demands and therapeutic restoration. *Taiwan Journal of Ophthalmology*, **2021**, 11, 216-220	1.4	
320	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	3.3	4
319	Nutrigenetic reprogramming of oxidative stress. *Taiwan Journal of Ophthalmology*, **2021**, 11, 207-215	1.4	1
318	Central serous chorioretinopathy treatment with a systemic PDE5 and PDE6 inhibitor (sildenafil). *American Journal of Ophthalmology Case Reports*, **2021**, 21, 100998	1.3	1
317	PROGRESSION OF SCOTOPIC SINGLE-FLASH ELECTRORETINOGRAPHY IN THE STAGES OF CAPN5 VITREORETINOPATHY. *Retinal Cases and Brief Reports*, **2021**, 15, 473-478	1.1	4
316	Gene therapy for inherited retinal diseases. *Annals of Translational Medicine*, **2021**, 9, 1278	3.2	5
315	Precision Medicine Trials in Retinal Degenerations. *Annual Review of Vision Science*, **2021**, 7, 851-865	8.2	1
314	Stickler Syndrome Genotype (COL2A1 mutation) with Retinitis Pigmentosa Phenotype. *Ophthalmology Retina*, **2020**, 4, 522	3.8	2
313	Sequential multiple retinal vein occlusions and transient ischemic attack in MTHFR polymorphism and protein S deficiency. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1273	2.3	2
312	PKM2 ablation enhanced retinal function and survival in a preclinical model of retinitis pigmentosa. *Mammalian Genome*, **2020**, 31, 77-85	3.2	4
311	Phenotypic variance in Calpain-5 retinal degeneration. *American Journal of Ophthalmology Case Reports*, **2020**, 18, 100627	1.3	3
310	Optical coherence tomography in the evaluation of retinitis pigmentosa. *Ophthalmic Genetics*, **2020**, 41, 413-419	1.2	1
309	Stargardt Juvenile Macular Degeneration. *New England Journal of Medicine*, **2020**, 382, 2353	59.2	
308	Quasidominance in autosomal recessive -Leber congenital amaurosis. *Ophthalmic Genetics*, **2020**, 41, 198-200	1.2	

307	Phenotypic expansion of autosomal dominant retinitis pigmentosa associated with the D477G mutation in. *Journal of Physical Education and Sports Management*, **2020**, 6,	2.8	7
306	Prospective Impact of Sildenafil on Chronic cEntral Serous Chorioretinopathy: PISCES Trial. *Ophthalmology Retina*, **2020**, 4, 1119-1123	3.8	6
305	Short-Wavelength and Near-Infrared Autofluorescence in Patients with Deficiencies of the Visual Cycle and Phototransduction. *Scientific Reports*, **2020**, 10, 8998	4.9	3
304	Metabolite therapy guided by liquid biopsy proteomics delays retinal neurodegeneration. *EBioMedicine*, **2020**, 52, 102636	8.8	15
303	Disease asymmetry and hyperautofluorescent ring shape in retinitis pigmentosa patients. *Scientific Reports*, **2020**, 10, 3364	4.9	1
302	Progressive RPE atrophy and photoreceptor death in -associated autosomal recessive retinitis pigmentosa. *Ophthalmic Genetics*, **2020**, 41, 26-30	1.2	2
301	Inhibition of Ca channel surface expression by mutant bestrophin-1 in RPE cells. *FASEB Journal*, **2020**, 34, 4055-4071	0.9	6
300	Comparative Analysis of Functional and Structural Decline in Retinitis Pigmentosas. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
299	Multiexon deletion alleles of ATF6 linked to achromatopsia. *JCI Insight*, **2020**, 5,	9.9	3
298	Precision metabolome reprogramming for imprecision therapeutics in retinitis pigmentosa. *Journal of Clinical Investigation*, **2020**, 130, 3971-3973	15.9	5
297	Fundoscopy-directed genetic testing to re-evaluate negative whole exome sequencing results. *Orphanet Journal of Rare Diseases*, **2020**, 15, 32	4.2	3
296	Optical Gap Biomarker in Cone-Dominant Retinal Dystrophy. *American Journal of Ophthalmology*, **2020**, 218, 40-53	4.9	2
295	Differences in Intraretinal Pigment Migration Across Inherited Retinal Dystrophies. *American Journal of Ophthalmology*, **2020**, 217, 252-260	4.9	2
294	Effects of deficiency in the -encoded visual cycle protein CRALBP on visual dysfunction in humans and mice. *Journal of Biological Chemistry*, **2020**, 295, 6767-6780	5.4	15
293	Therapy in Rhodopsin-Mediated Autosomal Dominant Retinitis Pigmentosa. *Molecular Therapy*, **2020**, 28, 2139-2149	11.7	8
292	Retinal Manifestations of Mitochondrial Oxidative Phosphorylation Disorders **2020**, 61, 12		3
291	Compound heterozygous inheritance of two novel COQ2 variants results in familial coenzyme Q deficiency. *Orphanet Journal of Rare Diseases*, **2020**, 15, 320	4.2	2
290	Treatment-Emergent Adverse Events in Gene Therapy Trials for Inherited Retinal Diseases: A Narrative Review. *Ophthalmology and Therapy*, **2020**, 9, 709-724	5	12

289	Quantitative Autofluorescence Following Gene Therapy With Voretigene Neparvovec. *JAMA Ophthalmology*, **2020**, 138, 919-921	3.9	4
288	Allele-Specific Chromosome Removal after Cas9 Cleavage in Human Embryos. *Cell*, **2020**, 183, 1650-1664.e15	36.2	75
287	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	11.5	2
286	Quantitative Fundus Autofluorescence in HCQ Retinopathy **2020**, 61, 41		4
285	A mutation in causing pigmented paravenous retinochoroidal atrophy. *European Journal of Ophthalmology*, **2020**, 1120672120957599	1.9	
284	Presumed Chloroquine Retinopathy With Short-term Therapy for Glioblastoma Multiforme. *JAMA Ophthalmology*, **2020**, 138, 1215-1217	3.9	1
283	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	3.3	3
282	Novel REEP6 gene mutation associated with autosomal recessive retinitis pigmentosa. *Documenta Ophthalmologica*, **2020**, 140, 67-75	2.2	4
281	Progressive Choriocapillaris Impairment in ABCA4 Maculopathy Is Secondary to Retinal Pigment Epithelium Atrophy **2020**, 61, 13		3
280	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	3.3	6
279	HMGB1 and Caveolin-1 related to RPE cell senescence in age-related macular degeneration. *Aging*, **2019**, 11, 4323-4337	5.6	10
278	CLIC4 regulates late endosomal trafficking and matrix degradation activity of MMP14 at focal adhesions in RPE cells. *Scientific Reports*, **2019**, 9, 12247	4.9	9
277	Hypoxic drive caused type 3 neovascularization in a preclinical model of exudative age-related macular degeneration. *Human Molecular Genetics*, **2019**, 28, 3475-3485	5.6	5
276	Distinct Imprinting Signatures and Biased Differentiation of Human Androgenetic and Parthenogenetic Embryonic Stem Cells. *Cell Stem Cell*, **2019**, 25, 419-432.e9	18	14
275	Modification of the disease phenotype by a mutation in. *Ophthalmic Genetics*, **2019**, 40, 369-375	1.2	9
274	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	3.8	13
273	VCAN Canonical Splice Site Mutation is Associated With Vitreoretinal Degeneration and Disrupts an MMP Proteolytic Site **2019**, 60, 282-293		7
272	Proteomic insight into the pathogenesis of CAPN5-vitreoretinopathy. *Scientific Reports*, **2019**, 9, 7608	4.9	5

271	Spectrum of Disease Severity and Phenotype in Choroideremia Carriers. *American Journal of Ophthalmology*, **2019**, 207, 77-86	4.9	11
270	Multimodal Imaging in Best Vitelliform Macular Dystrophy **2019**, 60, 2012-2022		14
269	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	3.8	0
268	Multi-platform imaging in ABCA4-Associated Disease. *Scientific Reports*, **2019**, 9, 6436	4.9	12
267	Therapeutic Window for Phosphodiesterase 6-Related Retinitis Pigmentosa. *JAMA Ophthalmology*, **2019**, 137, 679-680	3.9	3
266	Mechanisms of neurodegeneration in a preclinical autosomal dominant retinitis pigmentosa knock-in model with a Rho mutation. *Cellular and Molecular Life Sciences*, **2019**, 76, 3657-3665	10.3	5
265	A case-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	8.1	22
264	Non-paraneoplastic related retinopathy: clinical challenges and review. *Ophthalmic Genetics*, **2019**, 40, 293-297	1.2	1
263	Choroidal neovascularization in an adolescent with -associated retinal degeneration. *Ophthalmic Genetics*, **2019**, 40, 362-364	1.2	3
262	CAPN5 genetic inactivation phenotype supports therapeutic inhibition trials. *Human Mutation*, **2019**, 40, 2377-2392	4.7	5
261	Significant Vision Recovery after Early Treatment of Diffuse Unilateral Subacute Neuroretinitis. *Ophthalmology Retina*, **2019**, 3, 709	3.8	
260	Comparison of structural progression between ciliopathy and non-ciliopathy associated with autosomal recessive retinitis pigmentosa. *Orphanet Journal of Rare Diseases*, **2019**, 14, 187	4.2	8
259	Multimodal structural disease progression of retinitis pigmentosa according to mode of inheritance. *Scientific Reports*, **2019**, 9, 10712	4.9	13
258	Characterization of Retinal Structure in ATF6-Associated Achromatopsia **2019**, 60, 2631-2640		27
257	CRISPR Base Editing in Induced Pluripotent Stem Cells. *Methods in Molecular Biology*, **2019**, 2045, 337-346	1.4	7
256	Hyperautofluorescent Dots are Characteristic in Ceramide Kinase Like-associated Retinal Degeneration. *Scientific Reports*, **2019**, 9, 876	4.9	5
255	Investigation and Restoration of BEST1 Activity in Patient-derived RPEs with Dominant Mutations. *Scientific Reports*, **2019**, 9, 19026	4.9	15
254	Compound heterozygous novel frameshift variants in the gene result in Leber congenital amaurosis. *Journal of Physical Education and Sports Management*, **2019**, 5,	2.8	4

253	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	4.2	2
252	VITAMIN A DEFICIENCY MONITORED BY QUANTITATIVE SHORT WAVELENGTH FUNDUS AUTOFLUORESCENCE IN A CASE OF BARIATRIC SURGERY. *Retinal Cases and Brief Reports*, **2019**,	1.1	2
251	SCAPER-associated nonsyndromic autosomal recessive retinitis pigmentosa. *American Journal of Medical Genetics, Part A*, **2019**, 179, 312-316	2.5	6
250	Attenuation of Inherited and Acquired Retinal Degeneration Progression with Gene-based Techniques. *Molecular Diagnosis and Therapy*, **2019**, 23, 113-120	4.5	4
249	Viral Delivery Systems for CRISPR. *Viruses*, **2019**, 11,	6.2	92
248	Adeno-Associated Viral Gene Therapy for Inherited Retinal Disease. *Pharmaceutical Research*, **2019**, 36, 34	4.5	27
247	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. *British Journal of Ophthalmology*, **2019**, 103, 933-937	5.5	11
246	Phenotypic expansion and progression of SPATA7-associated retinitis pigmentosa. *Documenta Ophthalmologica*, **2018**, 136, 125-133	2.2	2
245	A novel de novo mutation in a patient with inflammatory vitreoretinopathy, hearing loss, and developmental delay. *Journal of Physical Education and Sports Management*, **2018**, 4,	2.8	16
244	The unfolded protein response regulator ATF6 promotes mesodermal differentiation. *Science Signaling*, **2018**, 11,	8.8	34
243	Autologous stem cell therapy for inherited and acquired retinal disease. *Regenerative Medicine*, **2018**, 13, 89-96	2.5	9
242	Personalized Proteomics in Proliferative Vitreoretinopathy Implicate Hematopoietic Cell Recruitment and mTOR as a Therapeutic Target. *American Journal of Ophthalmology*, **2018**, 186, 152-163	4.9	22
241	Reprogramming the metabolome rescues retinal degeneration. *Cellular and Molecular Life Sciences*, **2018**, 75, 1559-1566	10.3	11
240	Success of Gene Therapy in Late-Stage Treatment. *Advances in Experimental Medicine and Biology*, **2018**, 1074, 101-107	3.6	2
239	Treatment of Macular Degeneration with Sildenafil: Results of a Two-Year Trial. *Ophthalmologica*, **2018**, 240, 45-54	3.7	12
238	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	4.9	14
237	CHOROIDEREMIA ASSOCIATED WITH A NOVEL SYNONYMOUS MUTATION IN GENE ENCODING REP-1. *Retinal Cases and Brief Reports*, **2018**, 12 Suppl 1, S67-S71	1.1	6
236	HYPERREFLECTIVE DEPOSITION IN THE BACKGROUND OF ADVANCED STARGARDT DISEASE. *Retina*, **2018**, 38, 2214-2219	3.6	5

235	The Rapid-Onset Chorioretinopathy Phenotype of ABCA4 Disease. *Ophthalmology*, **2018**, 125, 89-99	7.3	24
234	CRISPR/Cas9 genome surgery for retinal diseases. *Drug Discovery Today: Technologies*, **2018**, 28, 23-32	7.1	7
233	Deep Scleral Exposure: A Degenerative Outcome of End-Stage Stargardt Disease. *American Journal of Ophthalmology*, **2018**, 195, 16-25	4.9	8
232	Gene therapy in inherited retinal degenerative diseases, a review. *Ophthalmic Genetics*, **2018**, 39, 560-568	2.2	42
231	Genetic Rescue Reverses Microglial Activation in Preclinical Models of Retinitis Pigmentosa. *Molecular Therapy*, **2018**, 26, 1953-1964	11.7	10
230	Translation of CRISPR Genome Surgery to the Bedside for Retinal Diseases. *Frontiers in Cell and Developmental Biology*, **2018**, 6, 46	5.7	15
229	CRISPR GENOME SURGERY IN THE RETINA IN LIGHT OF OFF-TARGETING. *Retina*, **2018**, 38, 1443-1455	3.6	9
228	Clustered Regularly Interspaced Short Palindromic Repeats-Based Genome Surgery for the Treatment of Autosomal Dominant Retinitis Pigmentosa. *Ophthalmology*, **2018**, 125, 1421-1430	7.3	65
227	HTRA1, an age-related macular degeneration protease, processes extracellular matrix proteins EFEMP1 and TSP1. *Aging Cell*, **2018**, 17, e12710	9.9	38
226	Mutations in GPR143/OA1 and ABCA4 Inform Interpretations of Short-Wavelength and Near-Infrared Fundus Autofluorescence **2018**, 59, 2459-2469		21
225	Quantitative Comparison of Near-infrared Versus Short-wave Autofluorescence Imaging in Monitoring Progression of Retinitis Pigmentosa. *American Journal of Ophthalmology*, **2018**, 194, 120-125	4.9	13
224	Rates of Bone Spicule Pigment Appearance in Patients With Retinitis Pigmentosa Sine Pigmento. *American Journal of Ophthalmology*, **2018**, 195, 176-180	4.9	9
223	Proteomic analysis of the human retina reveals region-specific susceptibilities to metabolic- and oxidative stress-related diseases. *PLoS ONE*, **2018**, 13, e0193250	3.7	24
222	Gene therapy and genome surgery in the retina. *Journal of Clinical Investigation*, **2018**, 128, 2177-2188	15.9	76
221	Patients and animal models of CNGB1-deficient retinitis pigmentosa support gene augmentation approach. *Journal of Clinical Investigation*, **2018**, 128, 190-206	15.9	30
220	Blue Cone Monochromatism. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 65-66	3.6	1
219	Late-Onset Retinal Degeneration. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 115-116	3.6	
218	Retinal Histology and Anatomical Landmarks. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 3-5	3.6	1

217	Pigmented Paravenous Chorioretinal Atrophy (PPCRA). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 111-113	3.6	1
216	Rubella Retinopathy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 215-217	3.6	
215	Diffuse Unilateral Subacute Neuroretinitis (DUSN). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 239-241	3.6	
214	Inborn Errors of Metabolism: Pseudoxanthoma Elasticum. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 187-189	3.6	1
213	Acute Zonal Occult Outer Retinopathy (AZOOR) and Related Diseases. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 233-237	3.6	1
212	Doyne Honeycomb Retinal Dystrophy (Malattia Leventinese, Autosomal Dominant Drusen). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 97-102	3.6	2
211	X-linked Juvenile Retinoschisis. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 43-48	3.6	4
210	Progressive Cone Dystrophy and Cone-Rod Dystrophy (XL, AD, and AR). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 53-60	3.6	10
209	Congenital Stationary Night Blindness. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 61-64	3.6	5
208	Pattern Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 91-96	3.6	5
207	North Carolina Macular Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 109-110	3.6	0
206	Enhanced S-Cone Syndrome (Goldmann-Favre Syndrome). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 153-156	3.6	5
205	Best Vitelliform Macular Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 157-158	3.6	6
204	Mitochondrial Disorder: Kearns-Sayre Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 161-162	3.6	12
203	Ciliopathy: Senior-Løken Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 175-178	3.6	10
202	Von Hippel-Lindau Disease. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 201-203	3.6	3
201	Electroretinography. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 17-20	3.6	8
200	A Practical Approach to Retinal Dystrophies. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 245-259	3.6	3

199	Electrooculography. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 21-22	3.6	1
198	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa: A Brief Methodology. *Methods in Molecular Biology*, **2018**, 1715, 191-205	1.4	3
197	Stem cell therapy and regenerative medicine in RPE degenerative disease: advances and challenges. *Expert Review of Ophthalmology*, **2018**, 13, 321-327	1.5	
196	Caring for Hereditary Childhood Retinal Blindness. *Asia-Pacific Journal of Ophthalmology*, **2018**, 7, 183-191	3.5	11
195	Personalized Proteomics for Precision Health: Identifying Biomarkers of Vitreoretinal Disease. *Translational Vision Science and Technology*, **2018**, 7, 12	3.3	21
194	Extracellular Matrix: Alport Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 197-198	3.6	0
193	Glossary of Relevant Genetic and Molecular/Cell Biology. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 23-28	3.6	
192	Autosomal Dominant Retinitis Pigmentosa. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 69-77	3.6	15
191	Best Vitelliform Macular Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 79-90	3.6	6
190	Occult Macular Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 103-104	3.6	2
189	Sorsby Pseudoinflammatory Fundus Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 105-108	3.6	1
188	Retinitis Pigmentosa (Non-syndromic). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 125-130	3.6	24
187	Stargardt Disease. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 139-151	3.6	19
186	Optical Coherence Tomography. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 11-13	3.6	2
185	Mitochondrial Disorder: Maternally Inherited Diabetes and Deafness. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 163-165	3.6	7
184	Ciliopathy: Alstrm Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 179-180	3.6	8
183	Ciliopathy: Sjgren-Larsson Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 181-182	3.6	1
182	Inborn Errors of Metabolism: Gyrate Atrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 183-185	3.6	6

181	Inborn Errors of Metabolism: Refsum Disease. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 191-192	3.6	2
180	Inborn Errors of Metabolism: Bietti Crystalline Dystrophy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 193-195	3.6	1
179	Neurofibromatosis. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 209-211	3.6	
178	Syphilis. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 219-221	3.6	2
177	Drug-Induced Retinal Toxicity. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 227-232	3.6	4
176	Genetic Testing for Inherited Retinal Dystrophy: Basic Understanding. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 261-268	3.6	2
175	X-linked Choroideremia. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 37-42	3.6	2
174	Rod Monochromatism (Achromatopsia). *Advances in Experimental Medicine and Biology*, **2018**, 1085, 119-123	3.6	7
173	Fundus Autofluorescence. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 15-16	3.6	4
172	Tuberous Sclerosis. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 205-207	3.6	4
171	X-linked Ocular Albinism. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 49-52	3.6	2
170	Fluorescein Angiography. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 7-10	3.6	3
169	Leber Congenital Amaurosis. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 131-137	3.6	23
168	Ciliopathy: Usher Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 167-170	3.6	17
167	Ciliopathy: Bardet-Biedl Syndrome. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 171-174	3.6	28
166	Autoimmune Retinopathy. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 223-226	3.6	2
165	X-linked Retinitis Pigmentosa. *Advances in Experimental Medicine and Biology*, **2018**, 1085, 31-35	3.6	9
164	Revolution in Gene Medicine Therapy and Genome Surgery. *Genes*, **2018**, 9,	4.2	17

163	Quantitative progression of retinitis pigmentosa by optical coherence tomography angiography. *Scientific Reports*, **2018**, 8, 13130	4.9	25
162	Structural disease progression in PDE6-associated autosomal recessive retinitis pigmentosa. *Ophthalmic Genetics*, **2018**, 39, 610-614	1.2	13
161	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. *Orphanet Journal of Rare Diseases*, **2018**, 13, 138	4.2	3
160	Deferoxamine-induced electronegative ERG responses. *Documenta Ophthalmologica*, **2018**, 137, 15-23	2.2	2
159	Congenital grouped albinotic spots of the retinal pigment epithelium in a patient with hemihypertrophy and caf□au lait spots. *Documenta Ophthalmologica*, **2018**, 137, 9-14	2.2	1
158	Multimodal characterization of a novel mutation causing vitamin B6-responsive gyrate atrophy. *Ophthalmic Genetics*, **2018**, 39, 512-516	1.2	7
157	Extremely hypomorphic and severe deep intronic variants in the locus result in varying Stargardt disease phenotypes. *Journal of Physical Education and Sports Management*, **2018**, 4,	2.8	45
156	Two-year progression analysis of RPE65 autosomal dominant retinitis pigmentosa. *Ophthalmic Genetics*, **2018**, 39, 544-549	1.2	16
155	Extracellular superoxide dismutase (SOD3) regulates oxidative stress at the vitreoretinal interface. *Free Radical Biology and Medicine*, **2018**, 124, 408-419	7.8	24
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List of Publications

1 Gene Therapy and Surgery for Retinal Diseases1-10