Carel B Hoyng

List of Publications by Citations

218 papers	9,251 citations	47 h-index	90 g-index
230 ext. papers	11,776 ext. citations	6.3 avg, IF	5.73 L-index

#	Paper	IF	Citations
218	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. *Nature Genetics*, **2016**, 48, 134-43	36.3	769
217	Mutations in the CEP290 (NPHP6) gene are a frequent cause of Leber congenital amaurosis. *American Journal of Human Genetics*, **2006**, 79, 556-61	11	500
216	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
215	Autosomal recessive retinitis pigmentosa and cone-rod dystrophy caused by splice site mutations in the Stargardt3 disease gene ABCR. *Human Molecular Genetics*, **1998**, 7, 355-62	5.6	365
214	Multi-country real-life experience of anti-vascular endothelial growth factor therapy for wet age-related macular degeneration. *British Journal of Ophthalmology*, **2015**, 99, 220-6	5.5	320
213	Non-syndromic retinitis pigmentosa. *Progress in Retinal and Eye Research*, **2018**, 66, 157-186	20.5	294
212	Mutations in the ABCA4 (ABCR) gene are the major cause of autosomal recessive cone-rod dystrophy. *American Journal of Human Genetics*, **2000**, 67, 960-6	11	253
211	Consensus Definition for Atrophy Associated with Age-Related Macular Degeneration on OCT: Classification of Atrophy Report 3. *Ophthalmology*, **2018**, 125, 537-548	7.3	253
210	The spectrum of ocular phenotypes caused by mutations in the BEST1 gene. *Progress in Retinal and Eye Research*, **2009**, 28, 187-205	20.5	241
209	The 2588G-->C mutation in the ABCR gene is a mild frequent founder mutation in the Western European population and allows the classification of ABCR mutations in patients with Stargardt disease. *American Journal of Human Genetics*, **1999**, 64, 1024-35	11	209
208	The spectrum of retinal dystrophies caused by mutations in the peripherin/RDS gene. *Progress in Retinal and Eye Research*, **2008**, 27, 213-35	20.5	153
207	A functional variant in the CFI gene confers a high risk of age-related macular degeneration. *Nature Genetics*, **2013**, 45, 813-7	36.3	134
206	Central serous chorioretinopathy: Towards an evidence-based treatment guideline. *Progress in Retinal and Eye Research*, **2019**, 73, 100770	20.5	122
205	Clinical and genetic characteristics of late-onset Stargardt3 disease. *Ophthalmology*, **2012**, 119, 1199-210	7.3	120
204	Half-Dose Photodynamic Therapy versus High-Density Subthreshold Micropulse Laser Treatment in Patients with Chronic Central Serous Chorioretinopathy: The PLACE Trial. *Ophthalmology*, **2018**, 125, 1547-1555	7.3	111
203	Imaging Protocols in Clinical Studies in Advanced Age-Related Macular Degeneration: Recommendations from Classification of Atrophy Consensus Meetings. *Ophthalmology*, **2017**, 124, 464-478	7.3	110
202	Causes and consequences of inherited cone disorders. *Progress in Retinal and Eye Research*, **2014**, 42, 1-26	20.5	102

201	Early-onset stargardt disease: phenotypic and genotypic characteristics. *Ophthalmology*, **2015**, 122, 335-44	7.3	97
200	Deep-intronic ABCA4 variants explain missing heritability in Stargardt disease and allow correction of splice defects by antisense oligonucleotides. *Genetics in Medicine*, **2019**, 21, 1751-1760	8.1	87
199	Exome sequencing and cis-regulatory mapping identify mutations in MAK, a gene encoding a regulator of ciliary length, as a cause of retinitis pigmentosa. *American Journal of Human Genetics*, **2011**, 89, 253-64	11	85
198	BBS1 mutations in a wide spectrum of phenotypes ranging from nonsyndromic retinitis pigmentosa to Bardet-Biedl syndrome. *JAMA Ophthalmology*, **2012**, 130, 1425-32		84
197	Mutations in the peripherin/RDS gene are an important cause of multifocal pattern dystrophy simulating STGD1/fundus flavimaculatus. *British Journal of Ophthalmology*, **2007**, 91, 1504-11	5.5	83
196	In Silico Functional Meta-Analysis of 5,962 ABCA4 Variants in 3,928 Retinal Dystrophy Cases. *Human Mutation*, **2017**, 38, 400-408	4.7	82
195	Chronic central serous chorioretinopathy is associated with genetic variants implicated in age-related macular degeneration. *Ophthalmology*, **2015**, 122, 562-70	7.3	82
194	Deep learning approach for the detection and quantification of intraretinal cystoid fluid in multivendor optical coherence tomography. *Biomedical Optics Express*, **2018**, 9, 1545-1569	3.5	82
193	Basal laminar drusen caused by compound heterozygous variants in the CFH gene. *American Journal of Human Genetics*, **2008**, 82, 516-23	11	82
192	The spectrum of retinal phenotypes caused by mutations in the ABCA4 gene. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2005**, 243, 90-100	3.8	82
191	Robust total retina thickness segmentation in optical coherence tomography images using convolutional neural networks. *Biomedical Optics Express*, **2017**, 8, 3292-3316	3.5	81
190	Clinical and genetic heterogeneity in multifocal vitelliform dystrophy. *JAMA Ophthalmology*, **2007**, 125, 1100-6		73
189	Central areolar choroidal dystrophy. *Ophthalmology*, **2009**, 116, 771-82, 782.e1	7.3	72
188	The spectrum of phenotypes caused by variants in the CFH gene. *Molecular Immunology*, **2009**, 46, 1573-94	4.3	70
187	Risk factors for progression of age-related macular degeneration. *Ophthalmic and Physiological Optics*, **2020**, 40, 140-170	4.1	69
186	Mutations in RAB28, encoding a farnesylated small GTPase, are associated with autosomal-recessive cone-rod dystrophy. *American Journal of Human Genetics*, **2013**, 93, 110-7	11	69
185	Diagnostic exome sequencing in 266 Dutch patients with visual impairment. *European Journal of Human Genetics*, **2017**, 25, 591-599	5.3	68
184	Photoreceptor Progenitor mRNA Analysis Reveals Exon Skipping Resulting from the ABCA4 c.5461-10T->C Mutation in Stargardt Disease. *Ophthalmology*, **2016**, 123, 1375-85	7.3	66

183	Identification and Rescue of Splice Defects Caused by Two Neighboring Deep-Intronic ABCA4 Mutations Underlying Stargardt Disease. *American Journal of Human Genetics*, **2018**, 102, 517-527	11	65
182	Systemic and ocular fluid compounds as potential biomarkers in age-related macular degeneration. *Survey of Ophthalmology*, **2018**, 63, 9-39	6.1	64
181	Fundus autofluorescence imaging of retinal dystrophies. *Vision Research*, **2008**, 48, 2569-77	2.1	60
180	Automated Staging of Age-Related Macular Degeneration Using Optical Coherence Tomography **2017**, 58, 2318-2328		59
179	Intein-mediated protein trans-splicing expands adeno-associated virus transfer capacity in the retina. *Science Translational Medicine*, **2019**, 11,	17.5	58
178	Clinical and molecular genetic analysis of best vitelliform macular dystrophy. *Retina*, **2009**, 29, 835-47	3.6	57
177	Heterozygous deep-intronic variants and deletions in ABCA4 in persons with retinal dystrophies and one exonic ABCA4 variant. *Human Mutation*, **2015**, 36, 43-7	4.7	55
176	Macular dystrophies mimicking age-related macular degeneration. *Progress in Retinal and Eye Research*, **2014**, 39, 23-57	20.5	51
175	Association of a Haplotype in the NR3C2 Gene, Encoding the Mineralocorticoid Receptor, With Chronic Central Serous Chorioretinopathy. *JAMA Ophthalmology*, **2017**, 135, 446-451	3.9	49
174	Visual Prognosis in USH2A-Associated Retinitis Pigmentosa Is Worse for Patients with Usher Syndrome Type IIa Than for Those with Nonsyndromic Retinitis Pigmentosa. *Ophthalmology*, **2016**, 123, 1151-60	7.3	49
173	The cost-effectiveness of bevacizumab, ranibizumab and aflibercept for the treatment of age-related macular degeneration-A cost-effectiveness analysis from a societal perspective. *PLoS ONE*, **2018**, 13, e0197670	3.7	49
172	Genotypic and Phenotypic Characteristics of CRB1-Associated Retinal Dystrophies: A Long-Term Follow-up Study. *Ophthalmology*, **2017**, 124, 884-895	7.3	47
171	Mutations in MFSD8, encoding a lysosomal membrane protein, are associated with nonsyndromic autosomal recessive macular dystrophy. *Ophthalmology*, **2015**, 122, 170-9	7.3	47
170	Disruption of the basal body protein POC1B results in autosomal-recessive cone-rod dystrophy. *American Journal of Human Genetics*, **2014**, 95, 131-42	11	47
169	Mutations in the mevalonate kinase (MVK) gene cause nonsyndromic retinitis pigmentosa. *Ophthalmology*, **2013**, 120, 2697-2705	7.3	47
168	Phenotypic spectrum of autosomal recessive cone-rod dystrophies caused by mutations in the ABCA4 (ABCR) gene. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 1980-5		46
167	Foveal sparing in Stargardt disease **2014**, 55, 7467-78		45
166	Progression of Late-Onset Stargardt Disease **2016**, 57, 5186-5191		45

165	The Common ABCA4 Variant p.Asn1868Ile Shows Nonpenetrance and Variable Expression of Stargardt Disease When Present in trans With Severe Variants **2018**, 59, 3220-3231		45
164	Resolving the dark matter of ABCA4 for 1054 Stargardt disease probands through integrated genomics and transcriptomics. *Genetics in Medicine*, **2020**, 22, 1235-1246	8.1	44
163	Measurement and Reproducibility of Preserved Ellipsoid Zone Area and Preserved Retinal Pigment Epithelium Area in Eyes With Choroideremia. *American Journal of Ophthalmology*, **2017**, 179, 110-117	4.9	43
162	Central areolar choroidal dystrophy (CACD) and age-related macular degeneration (AMD): differentiating characteristics in multimodal imaging **2011**, 52, 8908-18		42
161	Three families displaying the combination of StargardtB disease with cone-rod dystrophy or retinitis pigmentosa. *Ophthalmology*, **2004**, 111, 546-53	7.3	41
160	The ABCA4 2588G>C Stargardt mutation: single origin and increasing frequency from South-West to North-East Europe. *European Journal of Human Genetics*, **2002**, 10, 197-203	5.3	41
159	Hyperreflective foci on optical coherence tomography associate with treatment outcome for anti-VEGF in patients with diabetic macular edema. *PLoS ONE*, **2018**, 13, e0206482	3.7	41
158	Physical Activity and Age-related Macular Degeneration: A Systematic Literature Review and Meta-analysis. *American Journal of Ophthalmology*, **2017**, 180, 29-38	4.9	38
157	Polymorphisms in vascular endothelial growth factor receptor 2 are associated with better response rates to ranibizumab treatment in age-related macular degeneration. *Ophthalmology*, **2014**, 121, 905-10	7.3	38
156	Development of Refractive Errors-What Can We Learn From Inherited Retinal Dystrophies?. *American Journal of Ophthalmology*, **2017**, 182, 81-89	4.9	38
155	Increased circulating levels of Factor H-Related Protein 4 are strongly associated with age-related macular degeneration. *Nature Communications*, **2020**, 11, 778	17.4	36
154	Towards Treatment of Stargardt Disease: Workshop Organized and Sponsored by the Foundation Fighting Blindness. *Translational Vision Science and Technology*, **2017**, 6, 6	3.3	36
153	Exome sequencing extends the phenotypic spectrum for ABHD12 mutations: from syndromic to nonsyndromic retinal degeneration. *Ophthalmology*, **2014**, 121, 1620-7	7.3	36
152	Comparing half-dose photodynamic therapy with high-density subthreshold micropulse laser treatment in patients with chronic central serous chorioretinopathy (the PLACE trial): study protocol for a randomized controlled trial. *Trials*, **2015**, 16, 419	2.8	36
151	Genetic Variants and Systemic Complement Activation Levels Are Associated With Serum Lipoprotein Levels in Age-Related Macular Degeneration **2015**, 56, 7766-73		36
150	Rare Genetic Variants Associated With Development of Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2016**, 134, 287-93	3.9	35
149	Mutations in CTNNA1 cause butterfly-shaped pigment dystrophy and perturbed retinal pigment epithelium integrity. *Nature Genetics*, **2016**, 48, 144-51	36.3	35
148	Impact of the common genetic associations of age-related macular degeneration upon systemic complement component C3d levels. *PLoS ONE*, **2014**, 9, e93459	3.7	35

147	Zinc supplementation inhibits complement activation in age-related macular degeneration. *PLoS ONE*, **2014**, 9, e112682	3.7	35
146	Genome-Wide Association Study Reveals Variants in CFH and CFHR4 Associated with Systemic Complement Activation: Implications in Age-Related Macular Degeneration. *Ophthalmology*, **2018**, 125, 1064-1074	7.3	34
145	The Functional Effect of Rare Variants in Complement Genes on C3b Degradation in Patients With Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2017**, 135, 39-46	3.9	33
144	Maternal uniparental isodisomy of chromosome 6 reveals a TULP1 mutation as a novel cause of cone dysfunction. *Ophthalmology*, **2013**, 120, 1239-46	7.3	32
143	CLINICAL AND GENETIC CHARACTERISTICS OF MALE PATIENTS WITH RPGR-ASSOCIATED RETINAL DYSTROPHIES: A Long-Term Follow-up Study. *Retina*, **2019**, 39, 1186-1199	3.6	32
142	The development of central areolar choroidal dystrophy. *Graefes Archive for Clinical and Experimental Ophthalmology*, **1996**, 234, 87-93	3.8	31
141	Nutritional risk factors for age-related macular degeneration. *BioMed Research International*, **2014**, 2014, 413150	3	30
140	Clinical evaluation of 3 families with basal laminar drusen caused by novel mutations in the complement factor H gene. *JAMA Ophthalmology*, **2012**, 130, 1038-47		29
139	Morphological and topographical appearance of microaneurysms on optical coherence tomography angiography. *British Journal of Ophthalmology*, **2018**,	5.5	29
138	Analysis of rare variants in the C3 gene in patients with age-related macular degeneration. *PLoS ONE*, **2014**, 9, e94165	3.7	28
137	Role of the Complement System in Chronic Central Serous Chorioretinopathy: A Genome-Wide Association Study. *JAMA Ophthalmology*, **2018**, 136, 1128-1136	3.9	27
136	The Spectrum of Structural and Functional Abnormalities in Female Carriers of Pathogenic Variants in the RPGR Gene **2018**, 59, 4123-4133		27
135	Novel compound heterozygous TULP1 mutations in a family with severe early-onset retinitis pigmentosa. *JAMA Ophthalmology*, **2007**, 125, 932-5		27
134	Association analysis of genetic and environmental risk factors in the cuticular drusen subtype of age-related macular degeneration. *Molecular Vision*, **2012**, 18, 2271-8	2.3	26
133	Structural Variants Create New Topological-Associated Domains and Ectopic Retinal Enhancer-Gene Contact in Dominant Retinitis Pigmentosa. *American Journal of Human Genetics*, **2020**, 107, 802-814	11	26
132	The effect of light deprivation in patients with Stargardt disease. *American Journal of Ophthalmology*, **2015**, 159, 964-72.e2	4.9	25
131	Association of Smoking and CFH and ARMS2 Risk Variants With Younger Age at Onset of Neovascular Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2015**, 133, 533-41	3.9	25
130	Functionally distinct ERAP1 and ERAP2 are a hallmark of HLA-A29-(Birdshot) Uveitis. *Human Molecular Genetics*, **2018**, 27, 4333-4343	5.6	25

129	Focal and Diffuse Chronic Central Serous Chorioretinopathy Treated With Half-Dose Photodynamic Therapy or Subthreshold Micropulse Laser: PLACE Trial Report No. 3. *American Journal of Ophthalmology*, **2019**, 205, 1-10	4.9	24
128	Whole Exome Sequencing in Patients with the Cuticular Drusen Subtype of Age-Related Macular Degeneration. *PLoS ONE*, **2016**, 11, e0152047	3.7	24
127	Automatic identification of reticular pseudodrusen using multimodal retinal image analysis. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 633-9		23
126	Central areolar choroidal dystrophy associated with dominantly inherited drusen. *British Journal of Ophthalmology*, **2002**, 86, 91-6	5.5	23
125	A prospective, observational, open-label, multicentre study to investigate the daily treatment practice of ranibizumab in patients with neovascular age-related macular degeneration. *Acta Ophthalmologica*, **2015**, 93, 126-33	3.7	22
124	MPZL2, Encoding the Epithelial Junctional Protein Myelin Protein Zero-like 2, Is Essential for Hearing in Man and Mouse. *American Journal of Human Genetics*, **2018**, 103, 74-88	11	22
123	A Deep Learning Model for Segmentation of Geographic Atrophy to Study Its Long-Term Natural History. *Ophthalmology*, **2020**, 127, 1086-1096	7.3	21
122	Half-dose photodynamic therapy followed by diode micropulse laser therapy as treatment for chronic central serous chorioretinopathy: evaluation of a prospective treatment protocol. *Acta Ophthalmologica*, **2016**, 94, 187-97	3.7	21
121	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. *European Journal of Epidemiology*, **2016**, 31, 197-210	12.1	21
120	IMPG2-associated retinitis pigmentosa displays relatively early macular involvement **2014**, 55, 3939-53		21
119	Seeing ophthalmologic problems in Parkinson disease: Results of a visual impairment questionnaire. *Neurology*, **2020**, 94, e1539-e1547	6.5	20
118	Whole-Exome Sequencing in Age-Related Macular Degeneration Identifies Rare Variants in COL8A1, a Component of Bruchß Membrane. *Ophthalmology*, **2018**, 125, 1433-1443	7.3	20
117	A Novel Complotype Combination Associates with Age-Related Macular Degeneration and High Complement Activation Levels in vivo. *Scientific Reports*, **2016**, 6, 26568	4.9	20
116	Association of Genetic Variants With Response to Anti-Vascular Endothelial Growth Factor Therapy in Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2018**, 136, 875-884	3.9	20
115	Mutations in the polyglutamylase gene TTLL5, expressed in photoreceptor cells and spermatozoa, are associated with cone-rod degeneration and reduced male fertility. *Human Molecular Genetics*, **2016**, 25, 4546-4555	5.6	19
114	Development of a Genotype Assay for Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology*, **2021**, 128, 1604-1617	7.3	19
113	Carbonic Anhydrase Inhibitors for the Treatment of Cystic Macular Lesions in Children With X-Linked Juvenile Retinoschisis **2016**, 57, 5143-5147		19
112	Genome-wide association analyses identify two susceptibility loci for pachychoroid disease central serous chorioretinopathy. *Communications Biology*, **2019**, 2, 468	6.7	19

111	The absence of fundus abnormalities in Stargardt disease. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2019**, 257, 1147-1157	3.8	18
110	Differential Disease Progression in Atrophic Age-Related Macular Degeneration and Late-Onset Stargardt Disease **2017**, 58, 1001-1007		18
109	GWAS study using DNA pooling strategy identifies association of variant rs4910623 in OR52B4 gene with anti-VEGF treatment response in age-related macular degeneration. *Scientific Reports*, **2016**, 6, 37924	4.9	18
108	Macular Dystrophy and Cone-Rod Dystrophy Caused by Mutations in the RP1 Gene: Extending the RP1 Disease Spectrum **2019**, 60, 1192-1203		17
107	The efficacy of microarray screening for autosomal recessive retinitis pigmentosa in routine clinical practice. *Molecular Vision*, **2015**, 21, 461-76	2.3	17
106	Detailed Phenotyping and Therapeutic Strategies for Intronic ABCA4 Variants in Stargardt Disease. *Molecular Therapy - Nucleic Acids*, **2020**, 21, 412-427	10.7	17
105	Automatic detection of the foveal center in optical coherence tomography. *Biomedical Optics Express*, **2017**, 8, 5160-5178	3.5	16
104	Analysis of rare variants in the CFH gene in patients with the cuticular drusen subtype of age-related macular degeneration. *Molecular Vision*, **2015**, 21, 285-92	2.3	16
103	Late-Onset Stargardt Disease Due to Mild, Deep-Intronic ABCA4 Alleles **2019**, 60, 4249-4256		15
102	Lipofuscin-associated photo-oxidative stress during fundus autofluorescence imaging. *PLoS ONE*, **2017**, 12, e0172635	3.7	15
101	Association of Sex With Frequent and Mild ABCA4 Alleles in Stargardt Disease. *JAMA Ophthalmology*, **2020**, 138, 1035-1042	3.9	15
100	Association of Hyperreflective Foci Present in Early Forms of Age-Related Macular Degeneration With Known Age-Related Macular Degeneration Risk Polymorphisms **2016**, 57, 4315-20		15
99	Dominant cystoid macular dystrophy. *Ophthalmology*, **2015**, 122, 180-91	7.3	14
98	Asymmetric Inter-Eye Progression in Stargardt Disease **2016**, 57, 6824-6830		14
97	Multimodal imaging of the disease progression of birdshot chorioretinopathy. *Acta Ophthalmologica*, **2016**, 94, 815-823	3.7	14
96	Clinical Characterization of 66 Patients With Congenital Retinal Disease Due to the Deep-Intronic c.2991+1655A>G Mutation in CEP290 **2018**, 59, 4384-4391		14
95	Foveal Sparing in Central Retinal Dystrophies **2019**, 60, 3456-3467		13
94	Clinical spectrum of severe chronic central serous chorioretinopathy and outcome of photodynamic therapy. *Clinical Ophthalmology*, **2018**, 12, 2167-2176	2.5	13

93	Patient characteristics of untreated chronic central serous chorioretinopathy patients with focal versus diffuse leakage. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2019**, 257, 1419-1425	2.8	12
92	Phenotype Characteristics of Patients With Age-Related Macular Degeneration Carrying a Rare Variant in the Complement Factor H Gene. *JAMA Ophthalmology*, **2017**, 135, 1037-1044	3.9	12
91	Visual Rehabilitation in Chronic Cerebral Blindness: A Randomized Controlled Crossover Study. *Frontiers in Neurology*, **2016**, 7, 92	4.1	12
90	FAMILIAL CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2019**, 39, 398-407	3.6	12
89	Risk factors for development and progression of diabetic retinopathy in Dutch patients with type 1 diabetes mellitus. *Acta Ophthalmologica*, **2018**, 96, 459-464	3.7	12
88	Identification of Inherited Retinal Disease-Associated Genetic Variants in 11 Candidate Genes. *Genes*, **2018**, 9,	4.2	12
87	Integrating Metabolomics, Genomics, and Disease Pathways in Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology*, **2020**, 127, 1693-1709	7.3	11
86	Effect of rare coding variants in the CFI gene on Factor I expression levels. *Human Molecular Genetics*, **2020**, 29, 2313-2324	5.6	11
85	Efficacy of photodynamic therapy in steroid-associated chronic central serous chorioretinopathy: a case-control study. *Acta Ophthalmologica*, **2016**, 94, 565-72	3.7	11
84	Genetic Risk, Lifestyle, and Age-Related Macular Degeneration in Europe: The EYE-RISK Consortium. *Ophthalmology*, **2021**, 128, 1039-1049	7.3	11
83	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. *British Journal of Ophthalmology*, **2019**, 103, 933-937	5.5	11
82	Functional analyses of rare genetic variants in complement component C9 identified in patients with age-related macular degeneration. *Human Molecular Genetics*, **2018**, 27, 2678-2688	5.6	11
81	GENETIC RISK FACTORS IN ACUTE CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2019**, 39, 2303-2310	3.6	10
80	Genetic risk score has added value over initial clinical grading stage in predicting disease progression in age-related macular degeneration. *Scientific Reports*, **2019**, 9, 6611	4.9	10
79	SHORT-TERM FINDINGS ON OPTICAL COHERENCE TOMOGRAPHY AND MICROPERIMETRY IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY PATIENTS TREATED WITH HALF-DOSE PHOTODYNAMIC THERAPY. *Retinal Cases and Brief Reports*, **2018**, 12, 266-271	1.1	10
78	Exome sequencing in families with chronic central serous chorioretinopathy. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e00576	2.3	9
77	Family-based exome sequencing identifies rare coding variants in age-related macular degeneration. *Human Molecular Genetics*, **2020**, 29, 2022-2034	5.6	9
76	Highly Variable Disease Courses in Siblings with Stargardt Disease. *Ophthalmology*, **2019**, 126, 1712-1721	7.3	9

75	Analysis of Risk Alleles and Complement Activation Levels in Familial and Non-Familial Age-Related Macular Degeneration. *PLoS ONE*, **2016**, 11, e0144367	3.7	9
74	Genetic screening for macular dystrophies in patients clinically diagnosed with dry age-related macular degeneration. *Clinical Genetics*, **2018**, 94, 569-574	4	9
73	The identification of a RNA splice variant in TULP1 in two siblings with early-onset photoreceptor dystrophy. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e660	2.3	8
72	Major Predictive Factors for Progression of Early to Late Age-Related Macular Degeneration. *Ophthalmologica*, **2020**, 243, 444-452	3.7	8
71	Crossover to Photodynamic Therapy or Micropulse Laser After Failure of Primary Treatment of Chronic Central Serous Chorioretinopathy: The REPLACE Trial. *American Journal of Ophthalmology*, **2020**, 216, 80-89	4.9	8
70	Metabolomics in serum of patients with non-advanced age-related macular degeneration reveals aberrations in the glutamine pathway. *PLoS ONE*, **2019**, 14, e0218457	3.7	8
69	Highly sensitive measurements of disease progression in rare disorders: Developing and validating a multimodal model of retinal degeneration in Stargardt disease. *PLoS ONE*, **2017**, 12, e0174020	3.7	8
68	Clinical study protocol for a low-interventional study in intermediate age-related macular degeneration developing novel clinical endpoints for interventional clinical trials with a regulatory and patient access intention-MACUSTAR. *Trials*, **2020**, 21, 659	2.8	8
67	Exome sequencing in patients with chronic central serous chorioretinopathy. *Scientific Reports*, **2019**, 9, 6598	4.9	7
66	GENETIC RISK FACTORS IN SEVERE, NONSEVERE AND ACUTE PHENOTYPES OF CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2020**, 40, 1734-1741	3.6	7
65	CLINICAL CHARACTERISTICS AND NATURAL HISTORY OF RHO-ASSOCIATED RETINITIS PIGMENTOSA: A Long-Term Follow-Up Study. *Retina*, **2021**, 41, 213-223	3.6	7
64	CLINICAL CHARACTERISTICS AND OUTCOME OF POSTERIOR CYSTOID MACULAR DEGENERATION IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2020**, 40, 1742-1750	3.6	7
63	RETINAL HYPERREFLECTIVE FOCI IN TYPE 1 DIABETES MELLITUS. *Retina*, **2020**, 40, 1565-1573	3.6	7
62	Common haplotypes at the CFH locus and low-frequency variants in CFHR2 and CFHR5 associate with systemic FHR concentrations and age-related macular degeneration. *American Journal of Human Genetics*, **2021**, 108, 1367-1384	11	7
61	Validation of a model for the prediction of retinopathy in persons with type 1 diabetes. *British Journal of Ophthalmology*, **2021**, 105, 1286-1288	5.5	6
60	Vision-Related Quality of Life in Patients with Diabetic Macular Edema Treated with Intravitreal Aflibercept: The AQUA Study. *Ophthalmology Retina*, **2019**, 3, 567-575	3.8	6
59	Impact of motion-associated noise on intrinsic optical signal imaging in humans with optical coherence tomography. *Biomedical Optics Express*, **2015**, 6, 1632-47	3.5	6
58	Reply to Comment on: Focal and Diffuse Chronic Central Serous Chorioretinopathy Treated With Half-Dose Photodynamic Therapy or Subthreshold Micropulse Laser: PLACE Trial Report No. 3. *American Journal of Ophthalmology*, **2020**, 212, 187-188	4.9	6

57	Homozygous variants in , encoding a ciliary protein, are associated with autosomal recessive retinitis pigmentosa. *Journal of Medical Genetics*, **2018**, 55, 705-712	5.8	6
56	Elevated Steroid Hormone Levels in Active Chronic Central Serous Chorioretinopathy **2019**, 60, 3407-3413		6
55	Variants in the PRPF8 Gene are Associated with Glaucoma. *Molecular Neurobiology*, **2018**, 55, 4504-4510	6.2	6
54	Clinical characteristics of familial and sporadic age-related macular degeneration: differences and similarities **2014**, 55, 7085-92		6
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