

Carel B Hoyng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Generation and characterization of human induced pluripotent stem cells (iPSCs) from three individuals without age-related macular degeneration.. <i>Stem Cell Research</i> , 2022 , 60, 102670	1.6	1
217	Generation and characterization of human induced pluripotent stem cells (iPSCs) from three patients with age-related macular degeneration carrying rare variants in the CFH gene.. <i>Stem Cell Research</i> , 2022 , 60, 102669	1.6	1
216	Undetected ophthalmological disorders in Parkinson's disease.. <i>Journal of Neurology</i> , 2022 , 1	5.5	1
215	Evaluation of Local Rod and Cone Function in Stargardt Disease. 2022 , 63, 6		0
214	The Many Faces of Blurry Vision in Parkinson's Disease: An Illustrative Case Series.. <i>Case Reports in Neurology</i> , 2022 , 14, 173-178	1	
213	Intravitreal antisense oligonucleotide seprofarsen in Leber congenital amaurosis type 10: a phase 1b/2 trial.. <i>Nature Medicine</i> , 2022 ,	50.5	5
212	Generation of an iPSC line (SCTCi015-A) and isogenic control line (SCTCi015-A-1) from an age-related macular degeneration patient carrying the variant c.355G>A in the CFI gene.. <i>Stem Cell Research</i> , 2022 , 62, 102796	1.6	
211	Generation of an iPSC line (SCTCi014-A) and isogenic control line (SCTCi014-A-1) from an age-related macular degeneration patient carrying the variant c.355G>A in the CFI gene.. <i>Stem Cell Research</i> , 2022 , 62, 102797	1.6	
210	Identification of a Complex Allele in IMPG2 as a Cause of Adult-Onset Vitelliform Macular Dystrophy 2022 , 63, 27		0
209	Validation of a model for the prediction of retinopathy in persons with type 1 diabetes. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1286-1288	5.5	6
208	Functional Analysis of Variants in Complement Factor I Identified in Age-Related Macular Degeneration and Atypical Hemolytic Uremic Syndrome.. <i>Frontiers in Immunology</i> , 2021 , 12, 789897	8.4	0
207	Increased pro-MMP9 plasma levels are associated with neovascular age-related macular degeneration and with the risk allele of rs142450006 near. <i>Molecular Vision</i> , 2021 , 27, 142-150	2.3	
206	Whole genome sequencing and in vitro splice assays reveal genetic causes for inherited retinal diseases. <i>Npj Genomic Medicine</i> , 2021 , 6, 97	6.2	3
205	Evaluating the Occurrence of Rare Variants in the Complement Factor H Gene in Patients With Early-Onset Drusen Maculopathy. <i>JAMA Ophthalmology</i> , 2021 , 139, 1218-1226	3.9	3
204	X-Linked Retinoschisis: Novel Clinical Observations and Genetic Spectrum in 340 Patients. <i>Ophthalmology</i> , 2021 ,	7.3	5
203	CLINICAL CHARACTERISTICS AND NATURAL HISTORY OF RHO-ASSOCIATED RETINITIS PIGMENTOSA: A Long-Term Follow-Up Study. <i>Retina</i> , 2021 , 41, 213-223	3.6	7
202	Genetic Risk, Lifestyle, and Age-Related Macular Degeneration in Europe: The EYE-RISK Consortium. <i>Ophthalmology</i> , 2021 , 128, 1039-1049	7.3	11

201	Development of a Genotype Assay for Age-Related Macular Degeneration: The EYE-RISK Consortium. <i>Ophthalmology</i> , 2021 , 128, 1604-1617	7.3	19
200	Pathogenic variants in cause autosomal dominant and autosomal recessive retinitis pigmentosa. <i>Journal of Medical Genetics</i> , 2021 , 58, 570-578	5.8	2
199	Challenges, facilitators and barriers to screening study participants in early disease stages-experience from the MACUSTAR study. <i>BMC Medical Research Methodology</i> , 2021 , 21, 54	4.7	1
198	Correlation of Morphology and Function of Flecks Using Short-Wave Fundus Autofluorescence and Microperimetry in Patients With Stargardt Disease. <i>Translational Vision Science and Technology</i> , 2021 , 10, 18	3.3	1
197	branchpoint variant is associated with non-syndromic retinitis pigmentosa. <i>Journal of Medical Genetics</i> , 2021 ,	5.8	2
196	Tackling the Challenges of Product Development Through a Collaborative Rare Disease Network: The Foundation Fighting Blindness Consortium. <i>Translational Vision Science and Technology</i> , 2021 , 10, 23	3.3	1
195	Half-Dose Photodynamic Therapy Versus Eplerenone in Chronic Central Serous Chorioretinopathy (SPECTRA): A Randomized Controlled Trial. <i>American Journal of Ophthalmology</i> , 2021 , 233, 101-110	4.9	1
194	Validated Filter-Based Photoreceptor Count Algorithm on Retinal Heidelberg High Magnification Module Images in Healthy and Pathological Conditions. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5347	2.6	2
193	Systemic complement activation levels in Stargardt disease. <i>PLoS ONE</i> , 2021 , 16, e0253716	3.7	2
192	CRB1-Associated Retinal Dystrophies: A Prospective Natural History Study in Anticipation of Future Clinical Trials. <i>American Journal of Ophthalmology</i> , 2021 , 234, 37-48	4.9	2
191	Long-term outcomes of vitrectomy for proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2021 , 99, 83-89	3.7	3
190	Outcome of half-dose photodynamic therapy in chronic central serous chorioretinopathy with fovea-involving atrophy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 905-910	3.8	2
189	Defining inclusion criteria and endpoints for clinical trials: a prospective cross-sectional study in CRB1-associated retinal dystrophies. <i>Acta Ophthalmologica</i> , 2021 , 99, e402-e414	3.7	2
188	Long-term follow-up of chronic central serous chorioretinopathy after successful treatment with photodynamic therapy or micropulse laser. <i>Acta Ophthalmologica</i> , 2021 , 99, 805-811	3.7	1
187	Common haplotypes at the CFH locus and low-frequency variants in CFHR2 and CFHR5 associate with systemic FHR concentrations and age-related macular degeneration. <i>American Journal of Human Genetics</i> , 2021 , 108, 1367-1384	11	7
186	Stargardt disease: monitoring incidence and diagnostic trends in the Netherlands using a nationwide disease registry. <i>Acta Ophthalmologica</i> , 2021 ,	3.7	1
185	The Phenotypic Spectrum of Patients with PHARC Syndrome Due to Variants in : An Ophthalmic Perspective. <i>Genes</i> , 2021 , 12,	4.2	2
184	RESPONSE OF CHOROIDAL ABNORMALITIES TO PHOTODYNAMIC THERAPY VERSUS MICROPULSE LASER IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY: Place Trial Report No. 4. <i>Retina</i> , 2021 , 41, 2122-2131	3.6	0

183	Long-read technologies identify a hidden inverted duplication in a family with choroideremia.. <i>Human Genetics and Genomics Advances</i> , 2021 , 2, 100046	0.8	0
182	Resolving the dark matter of ABCA4 for 1054 Stargardt disease probands through integrated genomics and transcriptomics. <i>Genetics in Medicine</i> , 2020 , 22, 1235-1246	8.1	44
181	Comparing the Efficacy of Bevacizumab and Ranibizumab in Patients with Diabetic Macular Edema (BRDME): The BRDME Study, a Randomized Trial. <i>Ophthalmology Retina</i> , 2020 , 4, 777-788	3.8	5
180	Integrating Metabolomics, Genomics, and Disease Pathways in Age-Related Macular Degeneration: The EYE-RISK Consortium. <i>Ophthalmology</i> , 2020 , 127, 1693-1709	7.3	11
179	Effect of rare coding variants in the CFI gene on Factor I expression levels. <i>Human Molecular Genetics</i> , 2020 , 29, 2313-2324	5.6	11
178	Major Predictive Factors for Progression of Early to Late Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2020 , 243, 444-452	3.7	8
177	A Deep Learning Model for Segmentation of Geographic Atrophy to Study Its Long-Term Natural History. <i>Ophthalmology</i> , 2020 , 127, 1086-1096	7.3	21
176	Seeing ophthalmologic problems in Parkinson disease: Results of a visual impairment questionnaire. <i>Neurology</i> , 2020 , 94, e1539-e1547	6.5	20
175	Increased circulating levels of Factor H-Related Protein 4 are strongly associated with age-related macular degeneration. <i>Nature Communications</i> , 2020 , 11, 778	17.4	36
174	Risk factors for progression of age-related macular degeneration. <i>Ophthalmic and Physiological Optics</i> , 2020 , 40, 140-170	4.1	69
173	Comparing the Efficacy of Bevacizumab and Ranibizumab in Patients with Retinal Vein Occlusion: The Bevacizumab to Ranibizumab in Retinal Vein Occlusions (BRVO) study, a Randomized Trial. <i>Ophthalmology Retina</i> , 2020 , 4, 576-587	3.8	3
172	GENETIC RISK FACTORS IN SEVERE, NONSEVERE AND ACUTE PHENOTYPES OF CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2020 , 40, 1734-1741	3.6	7
171	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. <i>American Journal of Ophthalmology</i> , 2020 , 212, 187-188	4.9	6
170	Family-based exome sequencing identifies rare coding variants in age-related macular degeneration. <i>Human Molecular Genetics</i> , 2020 , 29, 2022-2034	5.6	9
169	Crossover to Photodynamic Therapy or Micropulse Laser After Failure of Primary Treatment of Chronic Central Serous Chorioretinopathy: The REPLACE Trial. <i>American Journal of Ophthalmology</i> , 2020 , 216, 80-89	4.9	8
168	Genetic and environmental risk factors for extramacular drusen. <i>Molecular Vision</i> , 2020 , 26, 661-669	2.3	
167	CLINICAL CHARACTERISTICS AND OUTCOME OF POSTERIOR CYSTOID MACULAR DEGENERATION IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2020 , 40, 1742-1750	3.6	7
166	RETINAL HYPERREFLECTIVE FOCI IN TYPE 1 DIABETES MELLITUS. <i>Retina</i> , 2020 , 40, 1565-1573	3.6	7

165	Detailed Phenotyping and Therapeutic Strategies for Intronic ABCA4 Variants in Stargardt Disease. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 21, 412-427	10.7	17
164	Structural Variants Create New Topological-Associated Domains and Ectopic Retinal Enhancer-Gene Contact in Dominant Retinitis Pigmentosa. <i>American Journal of Human Genetics</i> , 2020 , 107, 802-814	11	26
163	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. <i>Trials</i> , 2020 , 21, 659	2.8	8
162	Association of plasma trace element levels with neovascular age-related macular degeneration. <i>Experimental Eye Research</i> , 2020 , 201, 108324	3.7	5
161	Association of Sex With Frequent and Mild ABCA4 Alleles in Stargardt Disease. <i>JAMA Ophthalmology</i> , 2020 , 138, 1035-1042	3.9	15
160	Reply. <i>Ophthalmology</i> , 2019 , 126, e30-e31	7.3	
159	GENETIC RISK FACTORS IN ACUTE CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2019 , 39, 2303-2310	10.6	10
158	Patient characteristics of untreated chronic central serous chorioretinopathy patients with focal versus diffuse leakage. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 1419-1425	3.8	12
157	Exome sequencing in patients with chronic central serous chorioretinopathy. <i>Scientific Reports</i> , 2019 , 9, 6598	4.9	7
156	Genetic risk score has added value over initial clinical grading stage in predicting disease progression in age-related macular degeneration. <i>Scientific Reports</i> , 2019 , 9, 6611	4.9	10
155	Intein-mediated protein trans-splicing expands adeno-associated virus transfer capacity in the retina. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	58
154	Macular Dystrophy and Cone-Rod Dystrophy Caused by Mutations in the RP1 Gene: Extending the RP1 Disease Spectrum 2019 , 60, 1192-1203		17
153	The identification of a RNA splice variant in TULP1 in two siblings with early-onset photoreceptor dystrophy. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e660	2.3	8
152	Vision-Related Quality of Life in Patients with Diabetic Macular Edema Treated with Intravitreal Aflibercept: The AQUA Study. <i>Ophthalmology Retina</i> , 2019 , 3, 567-575	3.8	6
151	The absence of fundus abnormalities in Stargardt disease. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 1147-1157	3.8	18
150	Focal and Diffuse Chronic Central Serous Chorioretinopathy Treated With Half-Dose Photodynamic Therapy or Subthreshold Micropulse Laser: PLACE Trial Report No. 3. <i>American Journal of Ophthalmology</i> , 2019 , 205, 1-10	4.9	24
149	Exome sequencing in families with chronic central serous chorioretinopathy. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00576	2.3	9
148	Elevated Steroid Hormone Levels in Active Chronic Central Serous Chorioretinopathy 2019 , 60, 3407-3413		6

147	Foveal Sparing in Central Retinal Dystrophies 2019 , 60, 3456-3467		13
146	Central serous chorioretinopathy: Towards an evidence-based treatment guideline. <i>Progress in Retinal and Eye Research</i> , 2019 , 73, 100770	20.5	122
145	Metabolomics in serum of patients with non-advanced age-related macular degeneration reveals aberrations in the glutamine pathway. <i>PLoS ONE</i> , 2019 , 14, e0218457	3.7	8
144	Towards seeing the visual impairments in Parkinson's disease: protocol for a multicentre observational, cross-sectional study. <i>BMC Neurology</i> , 2019 , 19, 141	3.1	5
143	Late-Onset Stargardt Disease Due to Mild, Deep-Intronic ABCA4 Alleles 2019 , 60, 4249-4256		15
142	Highly Variable Disease Courses in Siblings with Stargardt Disease. <i>Ophthalmology</i> , 2019 , 126, 1712-1721	7.3	9
141	Genome-wide association analyses identify two susceptibility loci for pachychoroid disease central serous chorioretinopathy. <i>Communications Biology</i> , 2019 , 2, 468	6.7	19
140	Reply. <i>Ophthalmology</i> , 2019 , 126, e11	7.3	
139	Deep-intronic ABCA4 variants explain missing heritability in Stargardt disease and allow correction of splice defects by antisense oligonucleotides. <i>Genetics in Medicine</i> , 2019 , 21, 1751-1760	8.1	87
138	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. <i>British Journal of Ophthalmology</i> , 2019 , 103, 933-937	5.5	11
137	Achieving balance in the treatment and monitoring of neovascular age-related macular degeneration in the real world: lessons from the Netherlands cohort of the AURA study. <i>Acta Ophthalmologica</i> , 2019 , 97, e323-e324	3.7	0
136	FAMILIAL CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2019 , 39, 398-407	3.6	12
135	CLINICAL AND GENETIC CHARACTERISTICS OF MALE PATIENTS WITH RPGR-ASSOCIATED RETINAL DYSTROPHIES: A Long-Term Follow-up Study. <i>Retina</i> , 2019 , 39, 1186-1199	3.6	32
134	Genome-Wide Association Study Reveals Variants in CFH and CFHR4 Associated with Systemic Complement Activation: Implications in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2018 , 125, 1064-1074	7.3	34
133	Whole-Exome Sequencing in Age-Related Macular Degeneration Identifies Rare Variants in COL8A1, a Component of Bruch's Membrane. <i>Ophthalmology</i> , 2018 , 125, 1433-1443	7.3	20
132	Non-syndromic retinitis pigmentosa. <i>Progress in Retinal and Eye Research</i> , 2018 , 66, 157-186	20.5	294
131	Identification and Rescue of Splice Defects Caused by Two Neighboring Deep-Intronic ABCA4 Mutations Underlying Stargardt Disease. <i>American Journal of Human Genetics</i> , 2018 , 102, 517-527	11	65
130	Systemic and ocular fluid compounds as potential biomarkers in age-related macular degeneration. <i>Survey of Ophthalmology</i> , 2018 , 63, 9-39	6.1	64

129	Identification of TP53BP2 as a Novel Candidate Gene for Primary Open Angle Glaucoma by Whole Exome Sequencing in a Large Multiplex Family. <i>Molecular Neurobiology</i> , 2018 , 55, 1387-1395	6.2	5
128	Deep learning approach for the detection and quantification of intraretinal cystoid fluid in multivendor optical coherence tomography. <i>Biomedical Optics Express</i> , 2018 , 9, 1545-1569	3.5	82
127	Role of the Complement System in Chronic Central Serous Chorioretinopathy: A Genome-Wide Association Study. <i>JAMA Ophthalmology</i> , 2018 , 136, 1128-1136	3.9	27
126	Homozygous variants in , encoding a ciliary protein, are associated with autosomal recessive retinitis pigmentosa. <i>Journal of Medical Genetics</i> , 2018 , 55, 705-712	5.8	6
125	The Spectrum of Structural and Functional Abnormalities in Female Carriers of Pathogenic Variants in the RPGR Gene 2018 , 59, 4123-4133		27
124	Half-Dose Photodynamic Therapy versus High-Density Subthreshold Micropulse Laser Treatment in Patients with Chronic Central Serous Chorioretinopathy: The PLACE Trial. <i>Ophthalmology</i> , 2018 , 125, 1547-1555	7.3	111
123	Variants in the PRPF8 Gene are Associated with Glaucoma. <i>Molecular Neurobiology</i> , 2018 , 55, 4504-4510	6.2	6
122	Morphological and topographical appearance of microaneurysms on optical coherence tomography angiography. <i>British Journal of Ophthalmology</i> , 2018 ,	5.5	29
121	Geographic distribution of rare variants associated with age-related macular degeneration. <i>Molecular Vision</i> , 2018 , 24, 75-82	2.3	2
120	Consensus Definition for Atrophy Associated with Age-Related Macular Degeneration on OCT: Classification of Atrophy Report 3. <i>Ophthalmology</i> , 2018 , 125, 537-548	7.3	253
119	SHORT-TERM FINDINGS ON OPTICAL COHERENCE TOMOGRAPHY AND MICROPERIMETRY IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY PATIENTS TREATED WITH HALF-DOSE PHOTODYNAMIC THERAPY. <i>Retinal Cases and Brief Reports</i> , 2018 , 12, 266-271	1.1	10
118	Hyperreflective foci on optical coherence tomography associate with treatment outcome for anti-VEGF in patients with diabetic macular edema. <i>PLoS ONE</i> , 2018 , 13, e0206482	3.7	41
117	Clinical spectrum of severe chronic central serous chorioretinopathy and outcome of photodynamic therapy. <i>Clinical Ophthalmology</i> , 2018 , 12, 2167-2176	2.5	13
116	Genetic screening for macular dystrophies in patients clinically diagnosed with dry age-related macular degeneration. <i>Clinical Genetics</i> , 2018 , 94, 569-574	4	9
115	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
114	Risk factors for development and progression of diabetic retinopathy in Dutch patients with type 1 diabetes mellitus. <i>Acta Ophthalmologica</i> , 2018 , 96, 459-464	3.7	12
113	Functionally distinct ERAP1 and ERAP2 are a hallmark of HLA-A29-(Birdshot) Uveitis. <i>Human Molecular Genetics</i> , 2018 , 27, 4333-4343	5.6	25
112	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

111	Identification of Inherited Retinal Disease-Associated Genetic Variants in 11 Candidate Genes. <i>Genes</i> , 2018 , 9,	4.2	12
110	Functional analyses of rare genetic variants in complement component C9 identified in patients with age-related macular degeneration. <i>Human Molecular Genetics</i> , 2018 , 27, 2678-2688	5.6	11
109	Association of Genetic Variants With Response to Anti-Vascular Endothelial Growth Factor Therapy in Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2018 , 136, 875-884	3.9	20
108	The cost-effectiveness of bevacizumab, ranibizumab and aflibercept for the treatment of age-related macular degeneration-A cost-effectiveness analysis from a societal perspective. <i>PLoS ONE</i> , 2018 , 13, e0197670	3.7	49
107	MPZL2, Encoding the Epithelial Junctional Protein Myelin Protein Zero-like 2, Is Essential for Hearing in Man and Mouse. <i>American Journal of Human Genetics</i> , 2018 , 103, 74-88	11	22
106	In Silico Functional Meta-Analysis of 5,962 ABCA4 Variants in 3,928 Retinal Dystrophy Cases. <i>Human Mutation</i> , 2017 , 38, 400-408	4.7	82
105	Imaging Protocols in Clinical Studies in Advanced Age-Related Macular Degeneration: Recommendations from Classification of Atrophy Consensus Meetings. <i>Ophthalmology</i> , 2017 , 124, 464-478	7.3	110
104	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
103	Diagnostic exome sequencing in 266 Dutch patients with visual impairment. <i>European Journal of Human Genetics</i> , 2017 , 25, 591-599	5.3	68
102	Measurement and Reproducibility of Preserved Ellipsoid Zone Area and Preserved Retinal Pigment Epithelium Area in Eyes With Choroideremia. <i>American Journal of Ophthalmology</i> , 2017 , 179, 110-117	4.9	43
101	Physical Activity and Age-related Macular Degeneration: A Systematic Literature Review and Meta-analysis. <i>American Journal of Ophthalmology</i> , 2017 , 180, 29-38	4.9	38
100	Association of a Haplotype in the NR3C2 Gene, Encoding the Mineralocorticoid Receptor, With Chronic Central Serous Chorioretinopathy. <i>JAMA Ophthalmology</i> , 2017 , 135, 446-451	3.9	49
99	Genotypic and Phenotypic Characteristics of CRB1-Associated Retinal Dystrophies: A Long-Term Follow-up Study. <i>Ophthalmology</i> , 2017 , 124, 884-895	7.3	47
98	The Functional Effect of Rare Variants in Complement Genes on C3b Degradation in Patients With Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2017 , 135, 39-46	3.9	33
97	Robust total retina thickness segmentation in optical coherence tomography images using convolutional neural networks. <i>Biomedical Optics Express</i> , 2017 , 8, 3292-3316	3.5	81
96	Towards Treatment of Stargardt Disease: Workshop Organized and Sponsored by the Foundation Fighting Blindness. <i>Translational Vision Science and Technology</i> , 2017 , 6, 6	3.3	36
95	Differential Disease Progression in Atrophic Age-Related Macular Degeneration and Late-Onset Stargardt Disease 2017 , 58, 1001-1007		18
94	Phenotype Characteristics of Patients With Age-Related Macular Degeneration Carrying a Rare Variant in the Complement Factor H Gene. <i>JAMA Ophthalmology</i> , 2017 , 135, 1037-1044	3.9	12

93	Development of Refractive Errors-What Can We Learn From Inherited Retinal Dystrophies?. <i>American Journal of Ophthalmology</i> , 2017 , 182, 81-89	4.9	38
92	Spectrum of retinal abnormalities in renal transplant patients using chronic low-dose steroids. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 2443-2449	3.8	3
91	Switching to aflibercept in patients with neovascular age-related macular degeneration not responding to bevacizumab: a pilot study. <i>Acta Ophthalmologica</i> , 2017 , 95, e426-e427	3.7	
90	Identifying Predictors of Anti-VEGF Treatment Response in Patients with Neovascular Age-Related Macular Degeneration through Discriminant and Principal Component Analysis. <i>Ophthalmic Research</i> , 2017 , 58, 49-55	2.9	5
89	Automated Staging of Age-Related Macular Degeneration Using Optical Coherence Tomography 2017 , 58, 2318-2328		59
88	Automatic detection of the foveal center in optical coherence tomography. <i>Biomedical Optics Express</i> , 2017 , 8, 5160-5178	3.5	16
87	Alteration of retinal layers in healthy subjects over 60 years of age until nonagenarians. <i>Clinical Ophthalmology</i> , 2017 , 11, 1499-1503	2.5	5
86	Lipofuscin-associated photo-oxidative stress during fundus autofluorescence imaging. <i>PLoS ONE</i> , 2017 , 12, e0172635	3.7	15
85	Highly sensitive measurements of disease progression in rare disorders: Developing and validating a multimodal model of retinal degeneration in Stargardt disease. <i>PLoS ONE</i> , 2017 , 12, e0174020	3.7	8
84	Aberrant leukocyte telomere length in Birdshot Uveitis. <i>PLoS ONE</i> , 2017 , 12, e0176175	3.7	3
83	Neovascular age-related macular degeneration without drusen in the fellow eye: clinical spectrum and therapeutic outcome. <i>Clinical Ophthalmology</i> , 2017 , 11, 63-70	2.5	3
82	Mutations in the polyglutamylase gene TLL5, expressed in photoreceptor cells and spermatozoa, are associated with cone-rod degeneration and reduced male fertility. <i>Human Molecular Genetics</i> , 2016 , 25, 4546-4555	5.6	19
81	A Novel Complotype Combination Associates with Age-Related Macular Degeneration and High Complement Activation Levels in vivo. <i>Scientific Reports</i> , 2016 , 6, 26568	4.9	20
80	Half-dose photodynamic therapy followed by diode micropulse laser therapy as treatment for chronic central serous chorioretinopathy: evaluation of a prospective treatment protocol. <i>Acta Ophthalmologica</i> , 2016 , 94, 187-97	3.7	21
79	Efficacy of photodynamic therapy in steroid-associated chronic central serous chorioretinopathy: a case-control study. <i>Acta Ophthalmologica</i> , 2016 , 94, 565-72	3.7	11
78	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 197-210	12.1	21
77	Rare Genetic Variants Associated With Development of Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2016 , 134, 287-93	3.9	35
76	Photoreceptor Progenitor mRNA Analysis Reveals Exon Skipping Resulting from the ABCA4 c.5461-10T->C Mutation in Stargardt Disease. <i>Ophthalmology</i> , 2016 , 123, 1375-85	7.3	66

75	Visual Prognosis in USH2A-Associated Retinitis Pigmentosa Is Worse for Patients with Usher Syndrome Type IIa Than for Those with Nonsyndromic Retinitis Pigmentosa. <i>Ophthalmology</i> , 2016 , 123, 1151-60	7.3	49
74	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016 , 48, 134-43	36.3	769
73	Mutations in CTNNA1 cause butterfly-shaped pigment dystrophy and perturbed retinal pigment epithelium integrity. <i>Nature Genetics</i> , 2016 , 48, 144-51	36.3	35
72	Analysis of Risk Alleles and Complement Activation Levels in Familial and Non-Familial Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2016 , 11, e0144367	3.7	9
71	Whole Exome Sequencing in Patients with the Cuticular Drusen Subtype of Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2016 , 11, e0152047	3.7	24
70	Stargardt Disease 2016 , 25-30		1
69	Macular Changes in Generalized Retinal Dystrophies and in Cone Dystrophies 2016 , 31-38		
68	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
67	Progression of Late-Onset Stargardt Disease 2016 , 57, 5186-5191		45
66	Carbonic Anhydrase Inhibitors for the Treatment of Cystic Macular Lesions in Children With X-Linked Juvenile Retinoschisis 2016 , 57, 5143-5147		19
65	Asymmetric Inter-Eye Progression in Stargardt Disease 2016 , 57, 6824-6830		14
64	Visual Rehabilitation in Chronic Cerebral Blindness: A Randomized Controlled Crossover Study. <i>Frontiers in Neurology</i> , 2016 , 7, 92	4.1	12
63	Genetics of Unilateral and Bilateral Age-Related Macular Degeneration Severity Stages. <i>PLoS ONE</i> , 2016 , 11, e0156778	3.7	6
62	Multimodal imaging of the disease progression of birdshot chorioretinopathy. <i>Acta Ophthalmologica</i> , 2016 , 94, 815-823	3.7	14
61	Automatic differentiation of color fundus images containing drusen or exudates using a contextual spatial pyramid approach. <i>Biomedical Optics Express</i> , 2016 , 7, 709-25	3.5	6
60	GWAS study using DNA pooling strategy identifies association of variant rs4910623 in OR52B4 gene with anti-VEGF treatment response in age-related macular degeneration. <i>Scientific Reports</i> , 2016 , 6, 37924	4.9	18
59	Multi-country real-life experience of anti-vascular endothelial growth factor therapy for wet age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2015 , 99, 220-6	5.5	320
58	The effect of light deprivation in patients with Stargardt disease. <i>American Journal of Ophthalmology</i> , 2015 , 159, 964-72.e2	4.9	25

57	Association of Smoking and CFH and ARMS2 Risk Variants With Younger Age at Onset of Neovascular Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2015 , 133, 533-41	3.9	25
56	Impact of motion-associated noise on intrinsic optical signal imaging in humans with optical coherence tomography. <i>Biomedical Optics Express</i> , 2015 , 6, 1632-47	3.5	6
55	A prospective, observational, open-label, multicentre study to investigate the daily treatment practice of ranibizumab in patients with neovascular age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2015 , 93, 126-33	3.7	22
54	Early-onset stargardt disease: phenotypic and genotypic characteristics. <i>Ophthalmology</i> , 2015 , 122, 335-44	4.4	97
53	Heterozygous deep-intronic variants and deletions in ABCA4 in persons with retinal dystrophies and one exonic ABCA4 variant. <i>Human Mutation</i> , 2015 , 36, 43-7	4.7	55
52	Mutations in MFSD8, encoding a lysosomal membrane protein, are associated with nonsyndromic autosomal recessive macular dystrophy. <i>Ophthalmology</i> , 2015 , 122, 170-9	7.3	47
51	Chronic central serous chorioretinopathy is associated with genetic variants implicated in age-related macular degeneration. <i>Ophthalmology</i> , 2015 , 122, 562-70	7.3	82
50	Reply: To PMID 25267528. <i>Ophthalmology</i> , 2015 , 122, e60	7.3	2
49	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. <i>Trials</i> , 2015 , 16, 419	2.8	36
48	Phenotype Characteristics of Fellow Eyes in Patients With Early Onset of Neovascular Age-Related Macular Degeneration 2015 , 56, 7269-73		3
47	Genetic Variants and Systemic Complement Activation Levels Are Associated With Serum Lipoprotein Levels in Age-Related Macular Degeneration 2015 , 56, 7766-73		36
46	Dominant cystoid macular dystrophy. <i>Ophthalmology</i> , 2015 , 122, 180-91	7.3	14
45	Automatic identification of reticular pseudodrusen using multimodal retinal image analysis. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 633-9		23
44	Analysis of rare variants in the CFH gene in patients with the cuticular drusen subtype of age-related macular degeneration. <i>Molecular Vision</i> , 2015 , 21, 285-92	2.3	16
43	The efficacy of microarray screening for autosomal recessive retinitis pigmentosa in routine clinical practice. <i>Molecular Vision</i> , 2015 , 21, 461-76	2.3	17
42	Disruption of the basal body protein POC1B results in autosomal-recessive cone-rod dystrophy. <i>American Journal of Human Genetics</i> , 2014 , 95, 131-42	11	47
41	Polymorphisms in vascular endothelial growth factor receptor 2 are associated with better response rates to ranibizumab treatment in age-related macular degeneration. <i>Ophthalmology</i> , 2014 , 121, 905-10	7.3	38
40	Macular dystrophies mimicking age-related macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2014 , 39, 23-57	20.5	51

39	Causes and consequences of inherited cone disorders. <i>Progress in Retinal and Eye Research</i> , 2014 , 42, 1-26	20.5	102
38	Exome sequencing extends the phenotypic spectrum for ABHD12 mutations: from syndromic to nonsyndromic retinal degeneration. <i>Ophthalmology</i> , 2014 , 121, 1620-7	7.3	36
37	Foveal sparing in Stargardt disease 2014 , 55, 7467-78		45
36	Impact of the common genetic associations of age-related macular degeneration upon systemic complement component C3d levels. <i>PLoS ONE</i> , 2014 , 9, e93459	3.7	35
35	IMPG2-associated retinitis pigmentosa displays relatively early macular involvement 2014 , 55, 3939-53		21
34	Nutritional risk factors for age-related macular degeneration. <i>BioMed Research International</i> , 2014 , 2014, 413150	3	30
33	Clinical characteristics of familial and sporadic age-related macular degeneration: differences and similarities 2014 , 55, 7085-92		6
32	Analysis of rare variants in the C3 gene in patients with age-related macular degeneration. <i>PLoS ONE</i> , 2014 , 9, e94165	3.7	28
31	Zinc supplementation inhibits complement activation in age-related macular degeneration. <i>PLoS ONE</i> , 2014 , 9, e112682	3.7	35
30	Mutations in the mevalonate kinase (MVK) gene cause nonsyndromic retinitis pigmentosa. <i>Ophthalmology</i> , 2013 , 120, 2697-2705	7.3	47
29	Maternal uniparental isodisomy of chromosome 6 reveals a TULP1 mutation as a novel cause of cone dysfunction. <i>Ophthalmology</i> , 2013 , 120, 1239-46	7.3	32
28	Mutations in RAB28, encoding a farnesylated small GTPase, are associated with autosomal-recessive cone-rod dystrophy. <i>American Journal of Human Genetics</i> , 2013 , 93, 110-7	11	69
27	A functional variant in the CFI gene confers a high risk of age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 813-7	36.3	134
26	Clinical and genetic characteristics of late-onset Stargardt disease. <i>Ophthalmology</i> , 2012 , 119, 1199-210.3		120
25	Clinical evaluation of 3 families with basal laminar drusen caused by novel mutations in the complement factor H gene. <i>JAMA Ophthalmology</i> , 2012 , 130, 1038-47		29
24	BBS1 mutations in a wide spectrum of phenotypes ranging from nonsyndromic retinitis pigmentosa to Bardet-Biedl syndrome. <i>JAMA Ophthalmology</i> , 2012 , 130, 1425-32		84
23	Association analysis of genetic and environmental risk factors in the cuticular drusen subtype of age-related macular degeneration. <i>Molecular Vision</i> , 2012 , 18, 2271-8	2.3	26
22	Exome sequencing and cis-regulatory mapping identify mutations in MAK, a gene encoding a regulator of ciliary length, as a cause of retinitis pigmentosa. <i>American Journal of Human Genetics</i> , 2011 , 89, 253-64	11	85

21	Central areolar choroidal dystrophy (CACD) and age-related macular degeneration (AMD): differentiating characteristics in multimodal imaging 2011 , 52, 8908-18		42
20	The spectrum of ocular phenotypes caused by mutations in the BEST1 gene. <i>Progress in Retinal and Eye Research</i> , 2009 , 28, 187-205	20.5	241
19	Central areolar choroidal dystrophy. <i>Ophthalmology</i> , 2009 , 116, 771-82, 782.e1	7.3	72
18	The spectrum of phenotypes caused by variants in the CFH gene. <i>Molecular Immunology</i> , 2009 , 46, 1573-24	7.3	70
17	Clinical and molecular genetic analysis of best vitelliform macular dystrophy. <i>Retina</i> , 2009 , 29, 835-47	3.6	57
16	Fundus autofluorescence imaging of retinal dystrophies. <i>Vision Research</i> , 2008 , 48, 2569-77	2.1	60
15	The spectrum of retinal dystrophies caused by mutations in the peripherin/RDS gene. <i>Progress in Retinal and Eye Research</i> , 2008 , 27, 213-35	20.5	153
14	Basal laminar drusen caused by compound heterozygous variants in the CFH gene. <i>American Journal of Human Genetics</i> , 2008 , 82, 516-23	11	82
13	Mutations in the peripherin/RDS gene are an important cause of multifocal pattern dystrophy simulating STGD1/fundus flavimaculatus. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1504-11	5.5	83
12	Clinical and genetic heterogeneity in multifocal vitelliform dystrophy. <i>JAMA Ophthalmology</i> , 2007 , 125, 1100-6		73
11	Novel compound heterozygous TULP1 mutations in a family with severe early-onset retinitis pigmentosa. <i>JAMA Ophthalmology</i> , 2007 , 125, 932-5		27
10	Mutations in the CEP290 (NPHP6) gene are a frequent cause of Leber congenital amaurosis. <i>American Journal of Human Genetics</i> , 2006 , 79, 556-61	11	500
9	The spectrum of retinal phenotypes caused by mutations in the ABCA4 gene. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2005 , 243, 90-100	3.8	82
8	Three families displaying the combination of Stargardt disease with cone-rod dystrophy or retinitis pigmentosa. <i>Ophthalmology</i> , 2004 , 111, 546-53	7.3	41
7	Central areolar choroidal dystrophy associated with dominantly inherited drusen. <i>British Journal of Ophthalmology</i> , 2002 , 86, 91-6	5.5	23
6	The ABCA4 2588G>C Stargardt mutation: single origin and increasing frequency from South-West to North-East Europe. <i>European Journal of Human Genetics</i> , 2002 , 10, 197-203	5.3	41
5	Phenotypic spectrum of autosomal recessive cone-rod dystrophies caused by mutations in the ABCA4 (ABCR) gene. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1980-5		46
4	Mutations in the ABCA4 (ABCR) gene are the major cause of autosomal recessive cone-rod dystrophy. <i>American Journal of Human Genetics</i> , 2000 , 67, 960-6	11	253

3	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. <i>American Journal of Human Genetics</i> , 1999 , 64, 1024-35	11	209
2	Autosomal recessive retinitis pigmentosa and cone-rod dystrophy caused by splice site mutations in the Stargardt disease gene ABCR. <i>Human Molecular Genetics</i> , 1998 , 7, 355-62	5.6	365
1	The development of central areolar choroidal dystrophy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1996 , 234, 87-93	3.8	31