Frank G Holz

List of Publications by Citations

265 papers	13,100 citations	55 h-index	109 g-index
291 ext. papers	16,675 ext. citations	5.2 avg, IF	6.49 L-index

#	Paper	IF	Citations
265	Age-related macular degeneration. *Lancet, The*, **2012**, 379, 1728-38	40	1134
264	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
263	Intravitreal aflibercept for diabetic macular edema. *Ophthalmology*, **2014**, 121, 2247-54	7.3	506
262	Progression of geographic atrophy and impact of fundus autofluorescence patterns in age-related macular degeneration. *American Journal of Ophthalmology*, **2007**, 143, 463-72	4.9	420
261	Fundus autofluorescence imaging: review and perspectives. *Retina*, **2008**, 28, 385-409	3.6	416
260	Intravitreal Aflibercept for Diabetic Macular Edema: 100-Week Results From the VISTA and VIVID Studies. *Ophthalmology*, **2015**, 122, 2044-52	7.3	327
259	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
258	Safety and efficacy of a flexible dosing regimen of ranibizumab in neovascular age-related macular degeneration: the SUSTAIN study. *Ophthalmology*, **2011**, 118, 663-71	7.3	304
257	Three-year outcomes of individualized ranibizumab treatment in patients with diabetic macular edema: the RESTORE extension study. *Ophthalmology*, **2014**, 121, 1045-53	7.3	267
256	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
255	Geographic atrophy: clinical features and potential therapeutic approaches. *Ophthalmology*, **2014**, 121, 1079-91	7.3	242
254	Macular telangiectasia type 2. *Progress in Retinal and Eye Research*, **2013**, 34, 49-77	20.5	226
253	Prevalence of Age-Related Macular Degeneration in Europe: The Past and the Future. *Ophthalmology*, **2017**, 124, 1753-1763	7.3	220
252	Intravitreal Aflibercept for Diabetic Macular Edema: 148-Week Results from the VISTA and VIVID Studies. *Ophthalmology*, **2016**, 123, 2376-2385	7.3	213
251	Proteins modified by malondialdehyde, 4-hydroxynonenal, or advanced glycation end products in lipofuscin of human retinal pigment epithelium. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 3663-8		199
250	Bilateral macular drusen in age-related macular degeneration. Prognosis and risk factors. *Ophthalmology*, **1994**, 101, 1522-8	7.3	188
249	Intravitreal Aflibercept Injection for Macular Edema Resulting from Central Retinal Vein Occlusion: One-Year Results of the Phase 3 GALILEO Study. *Ophthalmology*, **2014**, 121, 202-208	7.3	185

248	Classification of fundus autofluorescence patterns in early age-related macular disease. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 3309-14		180
247	The Progression of Geographic Atrophy Secondary to Age-Related Macular Degeneration. *Ophthalmology*, **2018**, 125, 369-390	7.3	174
246	Efficacy and Safety of Lampalizumab for Geographic Atrophy Due to Age-Related Macular Degeneration: Chroma and Spectri Phase 3 Randomized Clinical Trials. *JAMA Ophthalmology*, **2018**, 136, 666-677	3.9	166
245	Correlation between the area of increased autofluorescence surrounding geographic atrophy and disease progression in patients with AMD. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 2648-54		164
244	VEGF Trap-Eye for macular oedema secondary to central retinal vein occlusion: 6-month results of the phase III GALILEO study. *British Journal of Ophthalmology*, **2013**, 97, 278-84	5.5	158
243	Consensus Nomenclature for Reporting Neovascular Age-Related Macular Degeneration Data: Consensus on Neovascular Age-Related Macular Degeneration Nomenclature Study Group. *Ophthalmology*, **2020**, 127, 616-636	7.3	154
242	Fundus autofluorescence and progression of age-related macular degeneration. *Survey of Ophthalmology*, **2009**, 54, 96-117	6.1	149
241	Reticular drusen associated with geographic atrophy in age-related macular degeneration **2011**, 52, 5009-15		146
240	Fundus autofluorescence and fundus perimetry in the junctional zone of geographic atrophy in patients with age-related macular degeneration. *Investigative Ophthalmology and Visual Science*, **2004**, 45, 4470-6		142
239	Semiautomated image processing method for identification and quantification of geographic atrophy in age-related macular degeneration **2011**, 52, 7640-6		127
238	Combined confocal scanning laser ophthalmoscopy and spectral-domain optical coherence tomography imaging of reticular drusen associated with age-related macular degeneration. *Ophthalmology*, **2010**, 117, 1169-76	7.3	123
237	Central serous chorioretinopathy: Towards an evidence-based treatment guideline. *Progress in Retinal and Eye Research*, **2019**, 73, 100770	20.5	122
236	Human RPE stem cells grown into polarized RPE monolayers on a polyester matrix are maintained after grafting into rabbit subretinal space. *Stem Cell Reports*, **2014**, 2, 64-77	8	119
235	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
234	Sustained delivery fluocinolone acetonide vitreous implants: long-term benefit in patients with chronic diabetic macular edema. *Ophthalmology*, **2014**, 121, 1892-903	7.3	109
233	Targeting factor D of the alternative complement pathway reduces geographic atrophy progression secondary to age-related macular degeneration. *Science Translational Medicine*, **2017**, 9,	17.5	105
232	Myopic choroidal neovascularisation: current concepts and update on clinical management. *British Journal of Ophthalmology*, **2015**, 99, 289-96	5.5	103
231	Natural History of Geographic Atrophy Progression Secondary to Age-Related Macular Degeneration (Geographic Atrophy Progression Study). *Ophthalmology*, **2016**, 123, 361-368	7.3	99

230	Abnormal macular pigment distribution in type 2 idiopathic macular telangiectasia. *Retina*, **2008**, 28, 808-16	3.6	99
229	Treatment patterns, visual acuity and quality-of-life outcomes of the WAVE study - a noninterventional study of ranibizumab treatment for neovascular age-related macular degeneration in Germany. *Acta Ophthalmologica*, **2013**, 91, 540-6	3.7	90
228	Directional Kinetics of Geographic Atrophy Progression in Age-Related Macular Degeneration with Foveal Sparing. *Ophthalmology*, **2015**, 122, 1356-65	7.3	83
227	Clinical and genetic characteristics of 251 consecutive patients with macular and cone/cone-rod dystrophy. *Scientific Reports*, **2018**, 8, 4824	4.9	82
226	Quantification of reduced macular pigment optical density in the central retina in macular telangiectasia type 2. *Experimental Eye Research*, **2009**, 89, 25-31	3.7	82
225	Single-Chain Antibody Fragment VEGF Inhibitor RTH258 for Neovascular Age-Related Macular Degeneration: A Randomized Controlled Study. *Ophthalmology*, **2016**, 123, 1080-9	7.3	80
224	Quantitative Fundus Autofluorescence in Early and Intermediate Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2016**, 134, 817-24	3.9	79
223	Clinical evaluation of simultaneous confocal scanning laser ophthalmoscopy imaging combined with high-resolution, spectral-domain optical coherence tomography. *Acta Ophthalmologica*, **2010**, 88, 842-9	3.7	76
222	HAWK and HARRIER: Ninety-Six-Week Outcomes from the Phase 3 Trials of Brolucizumab for Neovascular Age-Related Macular Degeneration. *Ophthalmology*, **2021**, 128, 89-99	7.3	73
221	Enhancement of retinal pigment epithelial culture characteristics and subretinal space tolerance of scaffolds with 200 nm fiber topography. *Biomaterials*, **2014**, 35, 2837-50	15.6	72
220	Emixustat Hydrochloride for Geographic Atrophy Secondary to Age-Related Macular Degeneration: A Randomized Clinical Trial. *Ophthalmology*, **2018**, 125, 1556-1567	7.3	71
219	Safety of ranibizumab in routine clinical practice: 1-year retrospective pooled analysis of four European neovascular AMD registries within the LUMINOUS programme. *British Journal of Ophthalmology*, **2013**, 97, 1161-7	5.5	71
218	Key drivers of visual acuity gains in neovascular age-related macular degeneration in real life: findings from the AURA study. *British Journal of Ophthalmology*, **2016**, 100, 1623-1628	5.5	70
217	Incomplete Retinal Pigment Epithelial and Outer Retinal Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 4. *Ophthalmology*, **2020**, 127, 394-409	7.3	67
216	Scotopic and Photopic Microperimetry in Patients With Reticular Drusen and Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2015**, 133, 690-7	3.9	65
215	Prevalence and incidence of age-related macular degeneration in Europe: a systematic review and meta-analysis. *British Journal of Ophthalmology*, **2020**, 104, 1077-1084	5.5	65
214	Brolucizumab: Evolution through Preclinical and Clinical Studies and the Implications for the Management of Neovascular Age-Related Macular Degeneration. *Ophthalmology*, **2020**, 127, 963-976	7.3	61
213	Myopic Choroidal Neovascularization: Review, Guidance, and Consensus Statement on Management. *Ophthalmology*, **2017**, 124, 1690-1711	7.3	61

212	The effects of a flexible visual acuity-driven ranibizumab treatment regimen in age-related macular degeneration: outcomes of a drug and disease model **2010**, 51, 405-12		60
211	Choroidal thickness in geographic atrophy secondary to age-related macular degeneration. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 875-82		58
210	Risk of Inflammation, Retinal Vasculitis, and Retinal Occlusion-Related Events with Brolucizumab: Post Hoc Review of HAWK and HARRIER. *Ophthalmology*, **2021**, 128, 1050-1059	7.3	55
209	EFFICACY AND SAFETY OF RANIBIZUMAB FOR THE TREATMENT OF CHOROIDAL NEOVASCULARIZATION DUE TO UNCOMMON CAUSE: Twelve-Month Results of the MINERVA Study. *Retina*, **2018**, 38, 1464-1477	3.6	54
208	Next-generation sequencing identifies unexpected genotype-phenotype correlations in patients with retinitis pigmentosa. *PLoS ONE*, **2018**, 13, e0207958	3.7	53
207	Macular dystrophies mimicking age-related macular degeneration. *Progress in Retinal and Eye Research*, **2014**, 39, 23-57	20.5	51
206	Reticular Pseudodrusen in Sorsby Fundus Dystrophy. *Ophthalmology*, **2015**, 122, 1555-62	7.3	48
205	Centrifugal fundus abnormalities in pseudoxanthoma elasticum. *Ophthalmology*, **2010**, 117, 1406-14	7.3	48
204	Reticular pseudodrusen associated with a diseased bruch membrane in pseudoxanthoma elasticum. *JAMA Ophthalmology*, **2015**, 133, 581-8	3.9	47
203	Prevalence and causes of registered blindness in the largest federal state of Germany. *British Journal of Ophthalmology*, **2011**, 95, 1061-7	5.5	45
202	Progression of Late-Onset Stargardt Disease **2016**, 57, 5186-5191		45
201	Prevalence, incidence and future projection of diabetic eye disease in Europe: a systematic review and meta-analysis. *European Journal of Epidemiology*, **2020**, 35, 11-23	12.1	45
200	MACUSTAR: Development and Clinical Validation of Functional, Structural, and Patient-Reported Endpoints in Intermediate Age-Related Macular Degeneration. *Ophthalmologica*, **2019**, 241, 61-72	3.7	44
199	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
198	Complement Component C5a Primes Retinal Pigment Epithelial Cells for Inflammasome Activation by Lipofuscin-mediated Photooxidative Damage. *Journal of Biological Chemistry*, **2015**, 290, 31189-98	5.4	43
197	Clinical and genetic factors associated with progression of geographic atrophy lesions in age-related macular degeneration. *PLoS ONE*, **2015**, 10, e0126636	3.7	43
196	Fundus autofluorescence in Pseudoxanthoma elasticum. *Retina*, **2009**, 29, 1496-505	3.6	42
195	Randomized Trial to Evaluate Tandospirone in Geographic Atrophy Secondary to Age-Related Macular Degeneration: The GATE Study. *American Journal of Ophthalmology*, **2015**, 160, 1226-34	4.9	41

194	LONGITUDINAL CORRELATION OF ELLIPSOID ZONE LOSS AND FUNCTIONAL LOSS IN MACULAR TELANGIECTASIA TYPE 2. *Retina*, **2018**, 38 Suppl 1, S20-S26	3.6	40
193	Localisation and significance of in vivo near-infrared autofluorescent signal in retinal imaging. *British Journal of Ophthalmology*, **2011**, 95, 1134-9	5.5	39
192	Green-Light Autofluorescence Versus Combined Blue-Light Autofluorescence and Near-Infrared Reflectance Imaging in Geographic Atrophy Secondary to Age-Related Macular Degeneration **2017**, 58, BIO121-BIO130		38
191	Frequency, Phenotypic Characteristics and Progression of Atrophy Associated With a Diseased Bruch's Membrane in Pseudoxanthoma Elasticum **2016**, 57, 3323-30		38
190	Reticular drusen in eyes with high-risk characteristics for progression to late-stage age-related macular degeneration. *British Journal of Ophthalmology*, **2015**, 99, 1289-94	5.5	36
189	Monoallelic ABCA4 Mutations Appear Insufficient to Cause Retinopathy: A Quantitative Autofluorescence Study **2015**, 56, 8179-86		36
188	Inflammasome priming increases retinal pigment epithelial cell susceptibility to lipofuscin phototoxicity by changing the cell death mechanism from apoptosis to pyroptosis. *Journal of Photochemistry and Photobiology B: Biology*, **2016**, 161, 177-83	6.7	35
187	RANIBIZUMAB TREATMENT IN TREATMENT-NAIVE NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: Results From LUMINOUS, a Global Real-World Study. *Retina*, **2020**, 40, 1673-1685	3.6	35
186	Novel Insights Into the Phenotypical Spectrum of KIF11-Associated Retinopathy, Including a New Form of Retinal Ciliopathy **2017**, 58, 3950-3959		34
185	The "diffuse-trickling" fundus autofluorescence phenotype in geographic atrophy **2014**, 55, 2911-20		34
184	Estimating Retinal Sensitivity Using Optical Coherence Tomography With Deep-Learning Algorithms in Macular Telangiectasia Type 2. *JAMA Network Open*, **2019**, 2, e188029	10.4	32
183	Optical Coherence Tomography Angiography in Intermediate Uveitis. *American Journal of Ophthalmology*, **2018**, 194, 35-45	4.9	32
182	PROGNOSTIC VALUE OF SHAPE-DESCRIPTIVE FACTORS FOR THE PROGRESSION OF GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. *Retina*, **2019**, 39, 1527-1540	3.6	32
181	Evaluating the Impact of Intravitreal Aflibercept on Diabetic Retinopathy Progression in the VIVID-DME and VISTA-DME Studies. *Ophthalmology Retina*, **2018**, 2, 988-996	3.8	31
180	VERY EARLY DISEASE MANIFESTATIONS OF MACULAR TELANGIECTASIA TYPE 2. *Retina*, **2016**, 36, 524-34	3.6	30
179	Effective Dynamic Range and Retest Reliability of Dark-Adapted Two-Color Fundus-Controlled Perimetry in Patients With Macular Diseases **2017**, 58, BIO158-BIO167		29
178	Evaluation of Two Systems for Fundus-Controlled Scotopic and Mesopic Perimetry in Eye with Age-Related Macular Degeneration. *Translational Vision Science and Technology*, **2017**, 6, 7	3.3	29
177	Type 1 Choroidal Neovascularization Is Associated with Reduced Localized Progression of Atrophy in Age-Related Macular Degeneration. *Ophthalmology Retina*, **2020**, 4, 238-248	3.8	29

176	Choroidal Flow Signal in Late-Onset Stargardt Disease and Age-Related Macular Degeneration: An OCT-Angiography Study **2018**, 59, AMD122-AMD131		28
175	Choroidal changes associated with Bruch membrane pathology in pseudoxanthoma elasticum. *American Journal of Ophthalmology*, **2014**, 158, 198-207.e3	4.9	27
174	Mesopic and dark-adapted two-color fundus-controlled perimetry in patients with cuticular, reticular, and soft drusen. *Eye*, **2018**, 32, 1819-1830	4.4	26
173	Artificial intelligence for morphology-based function prediction in neovascular age-related macular degeneration. *Scientific Reports*, **2019**, 9, 11132	4.9	26
172	Combined Fundus Autofluorescence and Near Infrared Reflectance as Prognostic Biomarkers for Visual Acuity in Foveal-Sparing Geographic Atrophy **2017**, 58, BIO61-BIO67		25
171	OCT Angiography-Based Detection and Quantification of the Neovascular Network in Exudative AMD **2016**, 57, 6342-6348		25
170	Retest Reliability of Mesopic and Dark-Adapted Microperimetry in Patients With Intermediate Age-Related Macular Degeneration and Age-Matched Controls **2018**, 59, AMD152-AMD159		25
169	Imaging Features Associated with Progression to Geographic Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 5. *Ophthalmology Retina*, **2021**, 5, 855-867	3.8	25
168	Algorithms for the Automated Analysis of Age-Related Macular Degeneration Biomarkers on Optical Coherence Tomography: A Systematic Review. *Translational Vision Science and Technology*, **2017**, 6, 10	3.3	24
167	Prevalence, Natural Course, and Prognostic Role of Refractile Drusen in Age-Related Macular Degeneration **2017**, 58, 2198-2206		24
166	Correlation of lines of increased autofluorescence in macular dystrophy and pigmented paravenous retinochoroidal atrophy by optical coherence tomography. *JAMA Ophthalmology*, **2008**, 126, 1461-3		24
165	MESOPIC AND DARK-ADAPTED TWO-COLOR FUNDUS-CONTROLLED PERIMETRY IN GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. *Retina*, **2020**, 40, 169-180	3.6	24
164	Correlation of Partial Outer Retinal Thickness With Scotopic and Mesopic Fundus-Controlled Perimetry in Patients With Reticular Drusen. *American Journal of Ophthalmology*, **2016**, 168, 52-61	4.9	23
163	Fundus autofluorescence imaging in dry AMD: 2014 Jules Gonin lecture of the Retina Research Foundation. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2015**, 253, 7-16	3.8	21
162	Quantitative Fundus Autofluorescence in Pseudoxanthoma Elasticum **2017**, 58, 6159-6165		21
161	Undilated versus dilated monoscopic smartphone-based fundus photography for optic nerve head evaluation. *Scientific Reports*, **2018**, 8, 10228	4.9	21
160	Mutational Landscape of the BAP1 Locus Reveals an Intrinsic Control to Regulate the miRNA Network and the Binding of Protein Complexes in Uveal Melanoma. *Cancers*, **2019**, 11,	6.6	21
159	Progression of Photoreceptor Degeneration in Geographic Atrophy Secondary to Age-related Macular Degeneration. *JAMA Ophthalmology*, **2020**, 138, 1026-1034	3.9	21

158	Fundus autofluorescence imaging. *Progress in Retinal and Eye Research*, **2021**, 81, 100893	20.5	21
157	Comparison of Green Versus Blue Fundus Autofluorescence in -Related Retinopathy. *Translational Vision Science and Technology*, **2018**, 7, 13	3.3	21
156	Foveal Sparing of Reticular Drusen in Eyes With Early and Intermediate Age-Related Macular Degeneration **2015**, 56, 4267-74		20
155	Animal Models of Uveal Melanoma: Methods, Applicability, and Limitations. *BioMed Research International*, **2016**, 2016, 4521807	3	20
154	Functional Relevance and Structural Correlates of Near Infrared and Short Wavelength Fundus Autofluorescence Imaging in -Related Retinopathy. *Translational Vision Science and Technology*, **2019**, 8, 46	3.3	20
153	Structure-Function Analysis in Patients With Intermediate Age-Related Macular Degeneration **2018** , 59, 1599-1608		20
152	Brolucizumab: A Newly Developed Anti-VEGF Molecule for the Treatment of Neovascular Age-Related Macular Degeneration. *Ophthalmologica*, **2021**, 244, 93-101	3.7	19
151	Differential Disease Progression in Atrophic Age-Related Macular Degeneration and Late-Onset Stargardt Disease **2017**, 58, 1001-1007		18
150	Visual field indices and patterns of visual field deficits in mesopic and dark-adapted two-colour fundus-controlled perimetry in macular diseases. *British Journal of Ophthalmology*, **2018**, 102, 1054-1059	5.5	18
149	Short-term real-world outcomes following intravitreal brolucizumab for neovascular AMD: SHIFT study. *British Journal of Ophthalmology*, **2021**,	5.5	18
148	Determinants of Cone and Rod Functions in Geographic Atrophy: AI-Based Structure-Function Correlation. *American Journal of Ophthalmology*, **2020**, 217, 162-173	4.9	18
147	Right-angled vessels in macular telangiectasia type 2. *British Journal of Ophthalmology*, **2021**, 105, 1289-1296	3.5	17
146	Mesopic and Dark-Adapted Two-Color Fundus-Controlled Perimetry in Choroidal Neovascularization Secondary to Age-Related Macular Degeneration. *Translational Vision Science and Technology*, **2019**, 8, 7	3.3	17
145	Association of Vision-related Quality of Life with Visual Function in Age-Related Macular Degeneration. *Scientific Reports*, **2019**, 9, 15326	4.9	17
144	Near-Infrared Autofluorescence in Choroideremia: Anatomic and Functional Correlations. *American Journal of Ophthalmology*, **2019**, 199, 19-27	4.9	17
143	Fundus-controlled perimetry (microperimetry): Application as outcome measure in clinical trials. *Progress in Retinal and Eye Research*, **2021**, 82, 100907	20.5	17
142	Automated thresholding algorithms outperform manual thresholding in macular optical coherence tomography angiography image analysis. *PLoS ONE*, **2020**, 15, e0230260	3.7	16
141	Characterization of Retinal Disease Progression in a 1-Year Longitudinal Study of Eyes With Mild Nonproliferative Retinopathy in Diabetes Type 2 **2015**, 56, 5698-705		16

140	Perception of Haidinger Brushes in Macular Disease Depends on Macular Pigment Density and Visual Acuity **2016**, 57, 1448-56		16
139	Ranibizumab in Myopic Choroidal Neovascularization: A Subgroup Analysis by Ethnicity, Age, and Ocular Characteristics in RADIANCE. *Ophthalmologica*, **2016**, 236, 19-28	3.7	16
138	Assessment of Novel Genome-Wide Significant Gene Loci and Lesion Growth in Geographic Atrophy Secondary to Age-Related Macular Degeneration. *JAMA Ophthalmology*, **2019**, 137, 867-876	3.9	15
137	Incidence of Rhegmatogenous Retinal Detachment in Europe - A Systematic Review and Meta-Analysis. *Ophthalmologica*, **2019**, 242, 81-86	3.7	15
136	Efficacy, durability, and safety of intravitreal faricimab up to every 16 weeks for neovascular age-related macular degeneration (TENAYA and LUCERNE): two randomised, double-masked, phase 3, non-inferiority trials.. *Lancet, The*, **2022**,	40	15
135	Quantitative Fundus Autofluorescence and Genetic Associations in Macular, Cone, and Cone-Rod Dystrophies. *Ophthalmology Retina*, **2020**, 4, 737-749	3.8	15
134	Non-contact smartphone-based fundus imaging compared to conventional fundus imaging: a low-cost alternative for retinopathy of prematurity screening and documentation. *Scientific Reports* , **2019**, 9, 19711	4.9	15
133	In-vivo mapping of drusen by fundus autofluorescence and spectral-domain optical coherence tomography imaging. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2016**, 254, 59-67	3.8	14
132	Multimodal Imaging Patterns for Development of Central Atrophy Secondary to Age-Related Macular Degeneration **2018**, 59, AMD1-AMD11		14
131	Acute Retinopathy in Pseudoxanthoma Elasticum. *JAMA Ophthalmology*, **2019**, 137, 1165-1173	3.9	14
130	Longitudinal Analysis of Structural and Functional Changes in Presence of Reticular Pseudodrusen Associated With Age-Related Macular Degeneration **2020**, 61, 19		14
129	Spectrally Resolved Fundus Autofluorescence in ABCA4-Related Retinopathy **2019**, 60, 274-281		13
128	The Ocular Phenotype in Primary Hyperoxaluria Type 1. *American Journal of Ophthalmology*, **2019**, 206, 184-191	4.9	13
127	Spatial intratumor heterogeneity in uveal melanoma: Tumor cell subtypes with a presumed invasive potential exhibit a particular epigenetic staining reaction. *Experimental Eye Research*, **2019**, 182, 175-181	3.7	13
126	Foveal Sparing in Central Retinal Dystrophies **2019**, 60, 3456-3467		13
125	Anatomical and functional outcomes following switching from aflibercept to ranibizumab in neovascular age-related macular degeneration in Europe: SAFARI study. *British Journal of Ophthalmology*, **2020**, 104, 493-499	5.5	13
124	Diabetic Retinopathy Screening Using Smartphone-Based Fundus Imaging in India. *Ophthalmology*, **2020**, 127, 1529-1538	7.3	12
123	Ultra-high contrast retinal display system for single photoreceptor psychophysics. *Biomedical Optics Express*, **2018**, 9, 157-172	3.5	12

122	Quantification of Retinal and Choriocapillaris Perfusion in Different Stages of Macular Telangiectasia Type 2 **2019**, 60, 3556-3562		12
121	Sebaceous gland carcinoma of the ocular adnexa - variability in clinical and histological appearance with analysis of immunohistochemical staining patterns. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2017**, 255, 2277-2285	3.8	12
120	Determinants of Reading Performance in Eyes with Foveal-Sparing Geographic Atrophy. *Ophthalmology Retina*, **2019**, 3, 201-210	3.8	11
119	Determinants of Macular Layers and Optic Disc Characteristics on SD-OCT: The Rhineland Study. *Translational Vision Science and Technology*, **2019**, 8, 34	3.3	11
118	Macular Pigment Distribution as Prognostic Marker for Disease Progression in Macular Telangiectasia Type 2. *American Journal of Ophthalmology*, **2018**, 194, 163-169	4.9	11
117	In vivo imaging of a new indocyanine green micelle formulation in an animal model of laser-induced choroidal neovascularization **2014**, 55, 6204-12		11
116	Assessment of Exudative Activity of Choroidal Neovascularization in Age-Related Macular Degeneration by OCT Angiography. *Ophthalmologica*, **2020**, 243, 120-128	3.7	11
115	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. *British Journal of Ophthalmology*, **2019**, 103, 933-937	5.5	11
114	Quantitative Fundus Autofluorescence in ABCA4-Related Retinopathy -Functional Relevance and Genotype-Phenotype Correlation. *American Journal of Ophthalmology*, **2021**, 222, 340-350	4.9	11
113	CLINICAL EVIDENCE OF THE MULTIFACTORIAL NATURE OF DIABETIC MACULAR EDEMA. *Retina*, **2018**, 38, 343-351	3.6	11
112	Natural history and effect of therapeutic interventions on subretinal fluid causing foveal detachment in macular telangiectasia type 2. *British Journal of Ophthalmology*, **2017**, 101, 955-959	5.5	10
111	IMPAIRED DARK ADAPTATION ASSOCIATED WITH A DISEASED BRUCH MEMBRANE IN PSEUDOXANTHOMA ELASTICUM. *Retina*, **2020**, 40, 1988-1995	3.6	10
110	Detecting vision loss in intermediate age-related macular degeneration: A comparison of visual function tests. *PLoS ONE*, **2020**, 15, e0231748	3.7	10
109	Longitudinal Analysis of Retinal Thickness and Retinal Function in Eyes with Large Drusen Secondary to Intermediate Age-Related Macular Degeneration. *Ophthalmology Retina*, **2021**, 5, 241-250	3.8	10
108	Optical coherence tomography angiography (OCT-A) in an animal model of laser-induced choroidal neovascularization. *Experimental Eye Research*, **2019**, 184, 162-171	3.7	9
107	Efficacy of novel selective NLRP3 inhibitors in human and murine retinal pigment epithelial cells. *Journal of Molecular Medicine*, **2019**, 97, 523-532	5.5	9
106	Binocular Inhibition of Reading in Macular Telangiectasia Type 2 **2019**, 60, 3835-3841		9
105	PROGRESSION OF ABCA4-RELATED RETINOPATHY: Prognostic value of demographic, functional, genetic, and imaging parameters. *Retina*, **2020**, 40, 2343-2356	3.6	9

104	Prognostic Value of Retinal Layers in Comparison with Other Risk Factors for Conversion of Intermediate Age-related Macular Degeneration. *Ophthalmology Retina*, **2020**, 4, 31-40	3.8	9
103	Retinal and Choroidal Capillary Perfusion Are Reduced in Hypertensive Crisis Irrespective of Retinopathy. *Translational Vision Science and Technology*, **2020**, 9, 42	3.3	9
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