

Frank G Holz

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.

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	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.. <i>Lancet, The</i> , 2022 ,	4.0	15
264	Reply to: "Microvascular Breakdown Due to Retinal Neurodegeneration in Ataxias".. <i>Movement Disorders</i> , 2022 ,	7	1
263	Multiple instance learning detects peripheral arterial disease from high-resolution color fundus photography.. <i>Scientific Reports</i> , 2022 , 12, 1389	4.9	1
262	Autofluorescent Organelles Within the Retinal Pigment Epithelium in Human Donor Eyes With and Without Age-Related Macular Degeneration. 2022 , 63, 23		0
261	Spatial and temporal immunoreaction of nestin, CD44, collagen IX and GFAP in human retinal Müller cells in the developing fetal eye.. <i>Experimental Eye Research</i> , 2022 , 217, 108958	3.7	0
260	Retinal layer assessments as potential biomarkers for brain atrophy in the Rhineland Study.. <i>Scientific Reports</i> , 2022 , 12, 2757	4.9	0
259	Association Between Visual Acuity and Fluid Compartments with Treat-and-Extend Intravitreal Aflibercept in Neovascular Age-Related Macular Degeneration: An ARIES Post Hoc Analysis.. <i>Ophthalmology and Therapy</i> , 2022 , 1	5	1
258	Intersession Repeatability of Structural Biomarkers in Early and Intermediate Age-Related Macular Degeneration: A MACUSTAR Study Report.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 27	3.3	0
257	Interviewer Administration Corresponds to Self-Administration of the Vision Impairment in Low Luminance (VILL) Questionnaire.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 21	3.3	
256	Gene-independent therapeutic interventions to maintain and restore light sensitivity in degenerating photoreceptors.. <i>Progress in Retinal and Eye Research</i> , 2022 , 101065	20.5	1
255	Re: Trivizki et al. Local Geographic Atrophy Growth Rates Not Influenced by Close Proximity to Non-Exudative Type 1 Macular Neovascularization. 2022 , 63, 10		
254	Right-angled vessels in macular telangiectasia type 2. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1289-1296	3.9	17
253	Estimation of current and post-treatment retinal function in chronic central serous chorioretinopathy using artificial intelligence. <i>Scientific Reports</i> , 2021 , 11, 20446	4.9	0
252	The Willingness of Patients to Participate in an Eye Donation Registry for Research. <i>Ophthalmologica</i> , 2021 , 244, 179-186	3.7	
251	Silicone oil tamponade for persistent macular holes. <i>Eye</i> , 2021 , 35, 2206-2212	4.4	2
250	Risk of Inflammation, Retinal Vasculitis, and Retinal Occlusion-Related Events with Brolucizumab: Post Hoc Review of HAWK and HARRIER. <i>Ophthalmology</i> , 2021 , 128, 1050-1059	7.3	55
249	Optical Coherence Tomography-Angiography in Geographic Atrophy. <i>Ophthalmologica</i> , 2021 , 244, 42-50	3.7	5

248	Use of Composite End Points in Early and Intermediate Age-Related Macular Degeneration Clinical Trials: State-of-the-Art and Future Directions. <i>Ophthalmologica</i> , 2021 , 244, 387-395	3.7	0
247	North Carolina macular dystrophy shows a particular drusen phenotype and atrophy progression. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	3
246	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
245	Response to "BAP1 Germline Mutation Associated with Bilateral Primary Uveal Melanoma". <i>Ocular Oncology and Pathology</i> , 2021 , 7, 233-234	1.6	
244	OCT Signs of Early Atrophy in Age-Related Macular Degeneration: Interreader Agreement: Classification of Atrophy Meetings Report 6. <i>Ophthalmology Retina</i> , 2021 ,	3.8	6
243	AI-based structure-function correlation in age-related macular degeneration. <i>Eye</i> , 2021 , 35, 2110-2118	4.4	2
242	Short-term real-world outcomes following intravitreal brodalumab for neovascular AMD: SHIFT study. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	18
241	Fluid as a critical biomarker in neovascular age-related macular degeneration management: literature review and consensus recommendations. <i>Eye</i> , 2021 , 35, 2119-2135	4.4	5
240	Efficacy and Safety of Biosimilar FYB201 Compared with Ranibizumab in Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021 ,	7.3	2
239	The impact of vitrectomy on outcomes achieved with 0.19 mg fluocinolone acetonide implant in patients with diabetic macular edema. <i>European Journal of Ophthalmology</i> , 2021 , 11206721211014728	1.9	1
238	Retinal and choriocapillaris perfusion are associated with ankle-brachial-pressure-index and Fontaine stage in peripheral arterial disease. <i>Scientific Reports</i> , 2021 , 11, 11458	4.9	2
237	Structural Endpoints and Outcome Measures in Uveitis. <i>Ophthalmologica</i> , 2021 , 244, 465-479	3.7	2
236	Probabilistic Forecasting of Anti-VEGF Treatment Frequency in Neovascular Age-Related Macular Degeneration. <i>Translational Vision Science and Technology</i> , 2021 , 10, 30	3.3	3
235	Morphological characteristics preceding exudative neovascularisation secondary to macular telangiectasia type 2. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	1
234	Learning curve evaluation upskilling retinal imaging using smartphones. <i>Scientific Reports</i> , 2021 , 11, 126919	4.9	1
233	Analysis of imaging biomarkers and retinal nerve fiber layer thickness in RPGR-associated retinitis pigmentosa. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 3597-3604	3.8	1
232	HYPERREFLECTIVITY ON OPTICAL COHERENCE TOMOGRAPHY IN MACULAR TELANGIECTASIA TYPE 2. <i>Retina</i> , 2021 , 41, 1428-1437	3.6	6
231	Prognostic value of intermediate age-related macular degeneration phenotypes for geographic atrophy progression. <i>British Journal of Ophthalmology</i> , 2021 , 105, 239-245	5.5	7

230	Retinal light sensitivity as outcome measure in recessive Stargardt disease. <i>British Journal of Ophthalmology</i> , 2021 , 105, 258-264	5.5	3
229	HAWK and HARRIER: Ninety-Six-Week Outcomes from the Phase 3 Trials of Brolucizumab for Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021 , 128, 89-99	7.3	73
228	Fundus autofluorescence imaging. <i>Progress in Retinal and Eye Research</i> , 2021 , 81, 100893	20.5	21
227	Longitudinal Analysis of Retinal Thickness and Retinal Function in Eyes with Large Drusen Secondary to Intermediate Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2021 , 5, 241-250	3.8	10
226	Quantitative Fundus Autofluorescence in ABCA4-Related Retinopathy -Functional Relevance and Genotype-Phenotype Correlation. <i>American Journal of Ophthalmology</i> , 2021 , 222, 340-350	4.9	11
225	Fundus-controlled perimetry (microperimetry): Application as outcome measure in clinical trials. <i>Progress in Retinal and Eye Research</i> , 2021 , 82, 100907	20.5	17
224	Incidence of retinopathy of prematurity in Germany: evaluation of current screening criteria. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 , 106, 189-193	4.7	7
223	Brolucizumab: A Newly Developed Anti-VEGF Molecule for the Treatment of Neovascular Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2021 , 244, 93-101	3.7	19
222	Inferred retinal sensitivity in recessive Stargardt disease using machine learning. <i>Scientific Reports</i> , 2021 , 11, 1466	4.9	1
221	Development of the Vision Impairment in Low Luminance Questionnaire. <i>Translational Vision Science and Technology</i> , 2021 , 10, 5	3.3	4
220	The Relationship Between Visual Sensitivity and Eccentricity, Cone Density and Outer Segment Length in the Human Foveola 2021 , 62, 31		3
219	Fundus Autofluorescence Imaging in Macular Telangiectasia Type 2: MacTel Study Report Number 9. <i>American Journal of Ophthalmology</i> , 2021 , 228, 27-34	4.9	1
218	PPAR-Responsive Elements Enriched with Alu Repeats May Contribute to Distinctive PPAREDNMT1 Interactions in the Genome. <i>Cancers</i> , 2021 , 13,	6.6	1
217	Does real-time artificial intelligence-based visual pathology enhancement of three-dimensional optical coherence tomography scans optimise treatment decision in patients with nAMD? Rationale and design of the RAZORBILL study. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	1
216	Modeling of atrophy size trajectories: variable transformation, prediction and age-of-onset estimation. <i>BMC Medical Research Methodology</i> , 2021 , 21, 170	4.7	
215	Human gaze is systematically offset from the center of cone topography. <i>Current Biology</i> , 2021 , 31, 4188-4193.e3	6.3	3
214	Microvascular Breakdown Due to Retinal Neurodegeneration in Ataxias. <i>Movement Disorders</i> , 2021 ,	7	3
213	EFFICACY AND SAFETY OF INTRAVITREAL AFLIBERCEPT USING A TREAT-AND-EXTEND REGIMEN FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: The ARIES Study: A Randomized Clinical Trial. <i>Retina</i> , 2021 , 41, 1911-1920	3.6	7

212	Association of Reading Performance in Geographic Atrophy Secondary to Age-Related Macular Degeneration With Visual Function and Structural Biomarkers. <i>JAMA Ophthalmology</i> , 2021 , 139, 1191-1199	3.9	1
211	Imaging Features Associated with Progression to Geographic Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 5. <i>Ophthalmology Retina</i> , 2021 , 5, 855-867	3.8	25
210	Mesopic and Scotopic Light Sensitivity and Its Microstructural Correlates in Pseudoxanthoma Elasticum. <i>JAMA Ophthalmology</i> , 2020 , 138, 1272-1279	3.9	4
209	Diabetic Retinopathy Screening Using Smartphone-Based Fundus Imaging in India. <i>Ophthalmology</i> , 2020 , 127, 1529-1538	7.3	12
208	Ubiquitin Carboxyl-Terminal Hydrolases (UCHs): Potential Mediators for Cancer and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
207	Automated thresholding algorithms outperform manual thresholding in macular optical coherence tomography angiography image analysis. <i>PLoS ONE</i> , 2020 , 15, e0230260	3.7	16
206	ORCA study: real-world versus reading centre assessment of disease activity of neovascular age-related macular degeneration (nAMD). <i>British Journal of Ophthalmology</i> , 2020 , 104, 1573-1578	5.5	8
205	UVR-B-induced NKR-1 Expression in Ocular Tissues is blocked by Substance P Receptor Antagonist Fosaprepitant in the Exposed as well as Unexposed Partner Eye. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-13	2.8	0
204	Genome organization in proximity to the BAP1 locus appears to play a pivotal role in a variety of cancers. <i>Cancer Science</i> , 2020 , 111, 1385-1391	6.9	6
203	Brolucizumab: Evolution through Preclinical and Clinical Studies and the Implications for the Management of Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2020 , 127, 963-976	7.3	61
202	Real-world effectiveness and safety of ranibizumab for the treatment of myopic choroidal neovascularization: Results from the LUMINOUS study. <i>PLoS ONE</i> , 2020 , 15, e0227557	3.7	8
201	Comprehensive Geno- and Phenotyping in a Complex Pedigree Including Four Different Inherited Retinal Dystrophies. <i>Genes</i> , 2020 , 11,	4.2	6
200	Replication and Refinement of an Algorithm for Automated Drusen Segmentation on Optical Coherence Tomography. <i>Scientific Reports</i> , 2020 , 10, 7395	4.9	1
199	Ranibizumab treatment patterns in prior ranibizumab-treated neovascular age-related macular degeneration patients: Real-world outcomes from the LUMINOUS study. <i>PLoS ONE</i> , 2020 , 15, e0244183	3.7	2
198	A Novel Device for Smartphone-Based Fundus Imaging and Documentation in Clinical Practice: Comparative Image Analysis Study. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e17480	5.5	3
197	PROGRESSION OF ABCA4-RELATED RETINOPATHY: Prognostic value of demographic, functional, genetic, and imaging parameters. <i>Retina</i> , 2020 , 40, 2343-2356	3.6	9
196	Prevalence and incidence of age-related macular degeneration in Europe: a systematic review and meta-analysis. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1077-1084	5.5	65
195	Retinal findings in neonates with congenital diaphragmatic hernia and extracorporeal membrane oxygenation. <i>Journal of Pediatric Surgery</i> , 2020 , 55, 1292-1295	2.6	2

194	Assessment of Exudative Activity of Choroidal Neovascularization in Age-Related Macular Degeneration by OCT Angiography. <i>Ophthalmologica</i> , 2020 , 243, 120-128	3.7	11
193	Prognostic Value of Retinal Layers in Comparison with Other Risk Factors for Conversion of Intermediate Age-related Macular Degeneration. <i>Ophthalmology Retina</i> , 2020 , 4, 31-40	3.8	9
192	Consensus Nomenclature for Reporting Neovascular Age-Related Macular Degeneration Data: Consensus on Neovascular Age-Related Macular Degeneration Nomenclature Study Group. <i>Ophthalmology</i> , 2020 , 127, 616-636	7.3	154
191	Inter-Device Comparison of Blue-Light Autofluorescence in Optic Disc Drusen. <i>Ophthalmologica</i> , 2020 , 243, 110-119	3.7	3
190	IMPAIRED DARK ADAPTATION ASSOCIATED WITH A DISEASED BRUCH MEMBRANE IN PSEUDOXANTHOMA ELASTICUM. <i>Retina</i> , 2020 , 40, 1988-1995	3.6	10
189	RANIBIZUMAB TREATMENT IN TREATMENT-NAIVE NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: Results From LUMINOUS, a Global Real-World Study. <i>Retina</i> , 2020 , 40, 1673-1685	3.6	35
188	DARK ADAPTATION IN MACULAR TELANGIECTASIA TYPE 2. <i>Retina</i> , 2020 , 40, 2018-2025	3.6	2
187	SPECTRAL FUNDUS AUTOFLUORESCENCE EXCITATION AND EMISSION IN ABCA4-RELATED RETINOPATHY. <i>Retina</i> , 2020 , 40, 2332-2342	3.6	3
186	Histological Corneal Alterations in Keratoconus After Crosslinking-Expansion of Findings. <i>Cornea</i> , 2020 , 39, 333-341	3.1	4
185	Quantitative Fundus Autofluorescence and Genetic Associations in Macular, Cone, and Cone-Rod Dystrophies. <i>Ophthalmology Retina</i> , 2020 , 4, 737-749	3.8	15
184	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
183	Clinical Phenotype and Course of PDE6A-Associated Retinitis Pigmentosa Disease, Characterized in Preparation for a Gene Supplementation Trial. <i>JAMA Ophthalmology</i> , 2020 , 138, 1241-1250	3.9	7
182	Validation of an Automated Quantification of Relative Ellipsoid Zone Reflectivity on Spectral Domain-Optical Coherence Tomography Images. <i>Translational Vision Science and Technology</i> , 2020 , 9, 17	3.3	3
181	Prediction of Function in ABCA4-Related Retinopathy Using Ensemble Machine Learning. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
180	Progression of Photoreceptor Degeneration in Geographic Atrophy Secondary to Age-related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2020 , 138, 1026-1034	3.9	21
179	Longitudinal Analysis of Structural and Functional Changes in Presence of Reticular Pseudodrusen Associated With Age-Related Macular Degeneration 2020 , 61, 19		14
178	Reply. <i>Retina</i> , 2020 , 40, e51-e53	3.6	
177	Retinal and Choroidal Capillary Perfusion Are Reduced in Hypertensive Crisis Irrespective of Retinopathy. <i>Translational Vision Science and Technology</i> , 2020 , 9, 42	3.3	9

176	Imaging of Therapeutic Effects of Anti-Vascular Endothelial Growth Factor Inhibitors by Optical Coherence Tomography Angiography in a Rat Model. <i>Translational Vision Science and Technology</i> , 2020 , 9, 29	3.3	
175	Retinal findings in carriers of monoallelic mutations. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1089-1092	3.2	2
174	MESOPIC AND DARK-ADAPTED TWO-COLOR FUNDUS-CONTROLLED PERIMETRY IN GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2020 , 40, 169-180	3.6	24
173	Incomplete Retinal Pigment Epithelial and Outer Retinal Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 4. <i>Ophthalmology</i> , 2020 , 127, 394-409	7.3	67
172	Ultraviolet Radiation Exposure of One Eye Stimulates Sympathizing Expression of Neurokinin-1 Receptor but Not Monocyte Chemoattractant Protein-1 in the Partner Eye. <i>Ophthalmic Research</i> , 2020 , 63, 59-71	2.9	3
171	Type 1 Choroidal Neovascularization Is Associated with Reduced Localized Progression of Atrophy in Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2020 , 4, 238-248	3.8	29
170	Anatomical and functional outcomes following switching from aflibercept to ranibizumab in neovascular age-related macular degeneration in Europe: SAFARI study. <i>British Journal of Ophthalmology</i> , 2020 , 104, 493-499	5.5	13
169	Prevalence, incidence and future projection of diabetic eye disease in Europe: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , 2020 , 35, 11-23	12.1	45
168	Determinants of Cone and Rod Functions in Geographic Atrophy: AI-Based Structure-Function Correlation. <i>American Journal of Ophthalmology</i> , 2020 , 217, 162-173	4.9	18
167	Detecting vision loss in intermediate age-related macular degeneration: A comparison of visual function tests. <i>PLoS ONE</i> , 2020 , 15, e0231748	3.7	10
166	Spectrally Resolved Fundus Autofluorescence in ABCA4-Related Retinopathy 2019 , 60, 274-281		13
165	Determinants of Reading Performance in Eyes with Foveal-Sparing Geographic Atrophy. <i>Ophthalmology Retina</i> , 2019 , 3, 201-210	3.8	11
164	Assessment of Novel Genome-Wide Significant Gene Loci and Lesion Growth in Geographic Atrophy Secondary to Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2019 , 137, 867-876	3.9	15
163	Determinants of Macular Layers and Optic Disc Characteristics on SD-OCT: The Rhineland Study. <i>Translational Vision Science and Technology</i> , 2019 , 8, 34	3.3	11
162	The Ocular Phenotype in Primary Hyperoxaluria Type 1. <i>American Journal of Ophthalmology</i> , 2019 , 206, 184-191	4.9	13
161	Optical coherence tomography angiography (OCT-A) in an animal model of laser-induced choroidal neovascularization. <i>Experimental Eye Research</i> , 2019 , 184, 162-171	3.7	9
160	Dark-Adapted Two-Color Fundus-Controlled Perimetry in Macular Telangiectasia Type 2 2019 , 60, 1760-1767		8
159	Spatial intratumor heterogeneity in uveal melanoma: Tumor cell subtypes with a presumed invasive potential exhibit a particular epigenetic staining reaction. <i>Experimental Eye Research</i> , 2019 , 182, 175-181	3.7	13

158	RANIBIZUMAB IN PIGMENT EPITHELIAL TEARS SECONDARY TO AGE-RELATED MACULAR DEGENERATION: A Prospective Study. <i>Retina</i> , 2019 , 39, 2369-2377	3.6	2
157	Impact of Baseline Retinal Nonperfusion and Macular Retinal Capillary Nonperfusion on Outcomes in the COPERNICUS and GALILEO Studies. <i>Ophthalmology Retina</i> , 2019 , 3, 553-560	3.8	3
156	Genetic testing in patients with retinitis pigmentosa: Features of unsolved cases. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 779-786	2.4	7
155	Retinal Hemorrhages in Shaken Baby Syndrome. <i>Journal of Pediatrics</i> , 2019 , 207, 256	3.6	2
154	Mesopic and Dark-Adapted Two-Color Fundus-Controlled Perimetry in Choroidal Neovascularization Secondary to Age-Related Macular Degeneration. <i>Translational Vision Science and Technology</i> , 2019 , 8, 7	3.3	17
153	Estimating Retinal Sensitivity Using Optical Coherence Tomography With Deep-Learning Algorithms in Macular Telangiectasia Type 2. <i>JAMA Network Open</i> , 2019 , 2, e188029	10.4	32
152	Efficacy of novel selective NLRP3 inhibitors in human and murine retinal pigment epithelial cells. <i>Journal of Molecular Medicine</i> , 2019 , 97, 523-532	5.5	9
151	PROGNOSTIC VALUE OF SHAPE-DESCRIPTIVE FACTORS FOR THE PROGRESSION OF GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2019 , 39, 1527-1540	3.6	32
150	Quantification of Retinal and Choriocapillaris Perfusion in Different Stages of Macular Telangiectasia Type 2 2019 , 60, 3556-3562		12
149	Acute Retinopathy in Pseudoxanthoma Elasticum. <i>JAMA Ophthalmology</i> , 2019 , 137, 1165-1173	3.9	14
148	Foveal Sparing in Central Retinal Dystrophies 2019 , 60, 3456-3467		13
147	Artificial intelligence for morphology-based function prediction in neovascular age-related macular degeneration. <i>Scientific Reports</i> , 2019 , 9, 11132	4.9	26
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	Incidence of Rhegmatogenous Retinal Detachment in Europe - A Systematic Review and Meta-Analysis. <i>Ophthalmologica</i> , 2019 , 242, 81-86	3.7	15
144	Habitual higher order aberrations affect Landolt but not Vernier acuity. <i>Journal of Vision</i> , 2019 , 19, 11	0.4	2
143	Binocular Inhibition of Reading in Macular Telangiectasia Type 2 2019 , 60, 3835-3841		9
142	Light Sensitivity Within Areas of Geographic Atrophy Secondary to Age-Related Macular Degeneration 2019 , 60, 3992-4001		6
141	Association of Vision-related Quality of Life with Visual Function in Age-Related Macular Degeneration. <i>Scientific Reports</i> , 2019 , 9, 15326	4.9	17

140	Impact of visual impairment on physical activity in early and late age-related macular degeneration. <i>PLoS ONE</i> , 2019 , 14, e0222045	3.7	4
139	Mutational Landscape of the BAP1 Locus Reveals an Intrinsic Control to Regulate the miRNA Network and the Binding of Protein Complexes in Uveal Melanoma. <i>Cancers</i> , 2019 , 11,	6.6	21
138	Eye tracking-based estimation and compensation of chromatic offsets for multi-wavelength retinal microstimulation with foveal cone precision. <i>Biomedical Optics Express</i> , 2019 , 10, 4126-4141	3.5	5
137	Spectralis OCT1 versus OCT2: Time Efficiency and Image Quality of Retinal Nerve Fiber Layer Thickness and Bruch's Membrane Opening Analysis for Glaucoma Patients. <i>Journal of Current Glaucoma Practice</i> , 2019 , 13, 16-20	1.1	3
136	Non-contact smartphone-based fundus imaging compared to conventional fundus imaging: a low-cost alternative for retinopathy of prematurity screening and documentation. <i>Scientific Reports</i> , 2019 , 9, 19711	4.9	15
135	Functional Relevance and Structural Correlates of Near Infrared and Short Wavelength Fundus Autofluorescence Imaging in -Related Retinopathy. <i>Translational Vision Science and Technology</i> , 2019 , 8, 46	3.3	20
134	MACUSTAR: Development and Clinical Validation of Functional, Structural, and Patient-Reported Endpoints in Intermediate Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2019 , 241, 61-72	3.7	44
133	Retinal imaging including optical coherence tomography angiography for detecting active choroidal neovascularization in pseudoxanthoma elasticum. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 240-249	2.4	8
132	Basal cell carcinomas developing independently from BAP1-tumor predisposition syndrome in a patient with bilateral uveal melanoma: Diagnostic challenges to identify patients with BAP1-TPDS. <i>Genes Chromosomes and Cancer</i> , 2019 , 58, 357-364	5	6
131	Survival and functionality of xeno-free human embryonic stem cell-derived retinal pigment epithelial cells on polyester substrate after transplantation in rabbits. <i>Acta Ophthalmologica</i> , 2019 , 97, e688-e699	3.7	9
130	Stereoscopic Vision in Macular Telangiectasia Type 2. <i>Ophthalmologica</i> , 2019 , 241, 121-129	3.7	2
129	Near-Infrared Autofluorescence in Choroideremia: Anatomic and Functional Correlations. <i>American Journal of Ophthalmology</i> , 2019 , 199, 19-27	4.9	17
128	ASSESSMENT OF ANATOMICAL AND FUNCTIONAL OUTCOMES WITH OCRIPLASMIN TREATMENT IN PATIENTS WITH VITREOMACULAR TRACTION WITH OR WITHOUT MACULAR HOLES: Results of OVID-1 Trial. <i>Retina</i> , 2019 , 39, 2341-2352	3.6	8
127	Macular spatial distribution of preserved autofluorescence in patients with choroideremia. <i>British Journal of Ophthalmology</i> , 2019 , 103, 933-937	5.5	11
126	Prevalence of Retinal Vein Occlusion in Europe: A Systematic Review and Meta-Analysis. <i>Ophthalmologica</i> , 2019 , 241, 183-189	3.7	8
125	Visual impairment and blindness in institutionalized elderly in Germany. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 363-370	3.8	8
124	Evaluating the Impact of Intravitreal Aflibercept on Diabetic Retinopathy Progression in the VIVID-DME and VISTA-DME Studies. <i>Ophthalmology Retina</i> , 2018 , 2, 988-996	3.8	31
123	Longitudinal Analysis of Drusen Volume in Intermediate Age-Related Macular Degeneration Using Two Spectral-Domain Optical Coherence Tomography Scan Patterns. <i>Ophthalmologica</i> , 2018 , 239, 110-120	3.7	7

122	Efficacy and Safety of Lampalizumab for Geographic Atrophy Due to Age-Related Macular Degeneration: Chroma and Spectri Phase 3 Randomized Clinical Trials. <i>JAMA Ophthalmology</i> , 2018 , 136, 666-677	3.9	166
121	Emixustat Hydrochloride for Geographic Atrophy Secondary to Age-Related Macular Degeneration: A Randomized Clinical Trial. <i>Ophthalmology</i> , 2018 , 125, 1556-1567	7.3	71
120	Clinical and genetic characteristics of 251 consecutive patients with macular and cone/cone-rod dystrophy. <i>Scientific Reports</i> , 2018 , 8, 4824	4.9	82
119	LONGITUDINAL CORRELATION OF ELLIPSOID ZONE LOSS AND FUNCTIONAL LOSS IN MACULAR TELANGIECTASIA TYPE 2. <i>Retina</i> , 2018 , 38 Suppl 1, S20-S26	3.6	40
118	The Progression of Geographic Atrophy Secondary to Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2018 , 125, 369-390	7.3	174
117	SEX STEROIDS AND MACULAR TELANGIECTASIA TYPE 2. <i>Retina</i> , 2018 , 38 Suppl 1, S61-S66	3.6	6
116	Ultra-high contrast retinal display system for single photoreceptor psychophysics. <i>Biomedical Optics Express</i> , 2018 , 9, 157-172	3.5	12
115	Mesopic and dark-adapted two-color fundus-controlled perimetry in patients with cuticular, reticular, and soft drusen. <i>Eye</i> , 2018 , 32, 1819-1830	4.4	26
114	Multimodal Imaging Patterns for Development of Central Atrophy Secondary to Age-Related Macular Degeneration 2018 , 59, AMD1-AMD11		14
113	Macular Pigment Distribution as Prognostic Marker for Disease Progression in Macular Telangiectasia Type 2. <i>American Journal of Ophthalmology</i> , 2018 , 194, 163-169	4.9	11
112	Undilated versus dilated monoscopic smartphone-based fundus photography for optic nerve head evaluation. <i>Scientific Reports</i> , 2018 , 8, 10228	4.9	21
111	Optical Coherence Tomography Angiography in Intermediate Uveitis. <i>American Journal of Ophthalmology</i> , 2018 , 194, 35-45	4.9	32
110	Visual field indices and patterns of visual field deficits in mesopic and dark-adapted two-colour fundus-controlled perimetry in macular diseases. <i>British Journal of Ophthalmology</i> , 2018 , 102, 1054-1059 ^{5.5}		18
109	Choroidal Flow Signal in Late-Onset Stargardt Disease and Age-Related Macular Degeneration: An OCT-Angiography Study 2018 , 59, AMD122-AMD131		28
108	Ultraviolet radiation exposure triggers neurokinin-1 receptor upregulation in ocular tissues in vivo. <i>Experimental Eye Research</i> , 2018 , 174, 70-79	3.7	7
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103	Next-generation sequencing identifies unexpected genotype-phenotype correlations in patients with retinitis pigmentosa. <i>PLoS ONE</i> , 2018 , 13, e0207958	3.7	53
102	Comparison of Green Versus Blue Fundus Autofluorescence in -Related Retinopathy. <i>Translational Vision Science and Technology</i> , 2018 , 7, 13	3.3	21
101	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
100	Structure-Function Analysis in Patients With Intermediate Age-Related Macular Degeneration 2018 , 59, 1599-1608		20
99	Local Progression Kinetics of Geographic Atrophy in Age-Related Macular Degeneration Are Associated With Atrophy Border Morphology 2018 , 59, AMD12-AMD18		5
98	Polarization and Distribution of Tumor-Associated Macrophages and COX-2 Expression in Basal Cell Carcinoma of the Ocular Adnexae. <i>Current Eye Research</i> , 2018 , 43, 1126-1135	2.9	7
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91	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
90	Algorithms for the Automated Analysis of Age-Related Macular Degeneration Biomarkers on Optical Coherence Tomography: A Systematic Review. <i>Translational Vision Science and Technology</i> , 2017 , 6, 10	3.3	24
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88	Prevalence, Natural Course, and Prognostic Role of Refractile Drusen in Age-Related Macular Degeneration 2017 , 58, 2198-2206		24
87	Differential Disease Progression in Atrophic Age-Related Macular Degeneration and Late-Onset Stargardt Disease 2017 , 58, 1001-1007		18

86	Novel Insights Into the Phenotypical Spectrum of KIF11-Associated Retinopathy, Including a New Form of Retinal Ciliopathy 2017 , 58, 3950-3959		34
85	Quantitative Fundus Autofluorescence in Pseudoxanthoma Elasticum 2017 , 58, 6159-6165		21
84	The Impact of Lens Opacity on SD-OCT Retinal Nerve Fiber Layer and Bruch's Membrane Opening Measurements Using the Anatomical Positioning System (APS) 2017 , 58, 2804-2809		4
83	Effective Dynamic Range and Retest Reliability of Dark-Adapted Two-Color Fundus-Controlled Perimetry in Patients With Macular Diseases 2017 , 58, BIO158-BIO167		29
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