Emily Y Chew

List of Publications by Citations

312 papers	29,001 citations	76 h-index	167 g-index
339 ext. papers	35,506 ext. citations	8 avg, IF	6.74 L-index

#	Paper	IF	Citations
312	Complement factor H polymorphism in age-related macular degeneration. *Science*, **2005**, 308, 385-9	33.3	3408
311	A reference panel of 64,976 haplotypes for genotype imputation. *Nature Genetics*, **2016**, 48, 1279-83	36.3	1447
310	Next-generation genotype imputation service and methods. *Nature Genetics*, **2016**, 48, 1284-1287	36.3	1369
309	von Hippel-Lindau disease. *Lancet, The*, **2003**, 361, 2059-67	40	1083
308	Effects of medical therapies on retinopathy progression in type 2 diabetes. *New England Journal of Medicine*, **2010**, 363, 233-44	59.2	859
307	Clinical classification of age-related macular degeneration. *Ophthalmology*, **2013**, 120, 844-51	7.3	830
306	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
305	Retinopathy in diabetes. *Diabetes Care*, **2004**, 27 Suppl 1, S84-7	14.6	641
304	Seven new loci associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 433-9, 439e1-2	36.3	577
303	The role of omega-3 long-chain polyunsaturated fatty acids in health and disease of the retina. *Progress in Retinal and Eye Research*, **2005**, 24, 87-138	20.5	570
302	A simplified severity scale for age-related macular degeneration: AREDS Report No. 18. *JAMA Ophthalmology*, **2005**, 123, 1570-4		557
301	Increased dietary intake of omega-3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. *Nature Medicine*, **2007**, 13, 868-873	50.5	525
300	Association of elevated serum lipid levels with retinal hard exudate in diabetic retinopathy. Early Treatment Diabetic Retinopathy Study (ETDRS) Report 22. *JAMA Ophthalmology*, **1996**, 114, 1079-84		490
299	Diabetic retinopathy. *Diabetes Care*, **2004**, 27, 2540-53	14.6	486
298	Genetic variants near TIMP3 and high-density lipoprotein-associated loci influence susceptibility to age-related macular degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7401-6	11.5	417
297	Age-related macular degeneration. *Lancet, The*, **2008**, 372, 1835-45	40	407
296	Associations of Omega-3 Fatty Acid Supplement Use With Cardiovascular Disease Risks: Meta-analysis of 10 Trials Involving 77 917 Individuals. *JAMA Cardiology*, **2018**, 3, 225-234	16.2	403

295	Diabetic Retinopathy: A Position Statement by the American Diabetes Association. *Diabetes Care*, **2017**, 40, 412-418	14.6	357
294	The relationship of dietary carotenoid and vitamin A, E, and C intake with age-related macular degeneration in a case-control study: AREDS Report No. 22. *JAMA Ophthalmology*, **2007**, 125, 1225-32		325
293	Metabolic control and progression of retinopathy. The Diabetes in Early Pregnancy Study. National Institute of Child Health and Human Development Diabetes in Early Pregnancy Study. *Diabetes Care* , **1995**, 18, 631-7	14.6	298
292	Three-year follow-up of a randomized trial comparing focal/grid photocoagulation and intravitreal triamcinolone for diabetic macular edema. *JAMA Ophthalmology*, **2009**, 127, 245-51		296
291	Cardiovascular risk of celecoxib in 6 randomized placebo-controlled trials: the cross trial safety analysis. *Circulation*, **2008**, 117, 2104-13	16.7	288
290	Secondary analyses of the effects of lutein/zeaxanthin on age-related macular degeneration progression: AREDS2 report No. 3. *JAMA Ophthalmology*, **2014**, 132, 142-9	3.9	254
289	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
288	Guidelines on Diabetic Eye Care: The International Council of Ophthalmology Recommendations for Screening, Follow-up, Referral, and Treatment Based on Resource Settings. *Ophthalmology*, **2018**, 125, 1608-1622	7.3	231
287	Macular telangiectasia type 2. *Progress in Retinal and Eye Research*, **2013**, 34, 49-77	20.5	226
286	Diabetic retinopathy. *Diabetes Care*, **2003**, 26, 226-9	14.6	223
285	Unraveling a multifactorial late-onset disease: from genetic susceptibility to disease mechanisms for age-related macular degeneration. *Annual Review of Genomics and Human Genetics*, **2009**, 10, 19-43	9.7	217
284	Serum inflammatory markers in diabetic retinopathy. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 4295-301		216
283	The Age-Related Eye Disease Study 2 (AREDS2): study design and baseline characteristics (AREDS2 report number 1). *Ophthalmology*, **2012**, 119, 2282-9	7.3	212
282	The relationship of dietary lipid intake and age-related macular degeneration in a case-control study: AREDS Report No. 20. *JAMA Ophthalmology*, **2007**, 125, 671-9		212
281	Comparison of the modified Early Treatment Diabetic Retinopathy Study and mild macular grid laser photocoagulation strategies for diabetic macular edema. *JAMA Ophthalmology*, **2007**, 125, 469-80		188
280	Diabetic retinopathy. *Diabetes Care*, **2003**, 26 Suppl 1, S99-S102	14.6	169
279	Long-term effects of vitamins C and E, β-carotene, and zinc on age-related macular degeneration: AREDS report no. 35. *Ophthalmology*, **2013**, 120, 1604-11.e4	7.3	167
278	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

277	The effects of medical management on the progression of diabetic retinopathy in persons with type 2 diabetes: the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Eye Study. *Ophthalmology*, **2014**, 121, 2443-51	7.3	164
276	Retinal precursors and the development of geographic atrophy in age-related macular degeneration. *Ophthalmology*, **2008**, 115, 1026-31	7.3	160
275	The relationship of dietary omega-3 long-chain polyunsaturated fatty acid intake with incident age-related macular degeneration: AREDS report no. 23. *JAMA Ophthalmology*, **2008**, 126, 1274-9		160
274	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
273	Ten-year follow-up of age-related macular degeneration in the age-related eye disease study: AREDS report no. 36. *JAMA Ophthalmology*, **2014**, 132, 272-7	3.9	136
272	Treatment of diabetic retinopathy. *New England Journal of Medicine*, **1999**, 341, 667-78	59.2	135
271	Causes of severe visual loss in the early treatment diabetic retinopathy study: ETDRS report no. 24. Early Treatment Diabetic Retinopathy Study Research Group. *American Journal of Ophthalmology*, **1999**, 127, 137-41	4.9	135
270	Complement component C5a promotes expression of IL-22 and IL-17 from human T cells and its implication in age-related macular degeneration. *Journal of Translational Medicine*, **2011**, 9, 1-12	8.5	134
269	{omega}-3 Long-chain polyunsaturated fatty acid intake and 12-y incidence of neovascular age-related macular degeneration and central geographic atrophy: AREDS report 30, a prospective cohort study from the Age-Related Eye Disease Study. *American Journal of Clinical Nutrition*, **2009**, 90, 1601-7	7	133
268	Clinical characterization of retinal capillary hemangioblastomas in a large population of patients with von Hippel-Lindau disease. *Ophthalmology*, **2008**, 115, 181-8	7.3	133
267	Heritability of the severity of diabetic retinopathy: the FIND-Eye study **2008**, 49, 3839-45		133
266	Hypomethylation of the IL17RC promoter associates with age-related macular degeneration. *Cell Reports*, **2012**, 2, 1151-8	10.6	130
265	Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 1375-9	36.3	130
264	Associations of mortality and diabetes complications in patients with type 1 and type 2 diabetes: early treatment diabetic retinopathy study report no. 27. *Diabetes Care*, **2005**, 28, 617-25	14.6	127
263	Randomized trial of a home monitoring system for early detection of choroidal neovascularization home monitoring of the Eye (HOME) study. *Ophthalmology*, **2014**, 121, 535-44	7.3	126
262	DeepSeeNet: A Deep Learning Model for Automated Classification of Patient-based Age-related Macular Degeneration Severity from Color Fundus Photographs. *Ophthalmology*, **2019**, 126, 565-575	7.3	126
261	Risk of advanced age-related macular degeneration after cataract surgery in the Age-Related Eye Disease Study: AREDS report 25. *Ophthalmology*, **2009**, 116, 297-303	7.3	124
260	ISPAD Clinical Practice Consensus Guidelines 2018: Microvascular and macrovascular complications in children and adolescents. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 262-274	3.6	118

259	Natural history of drusenoid pigment epithelial detachment in age-related macular degeneration: Age-Related Eye Disease Study Report No. 28. *Ophthalmology*, **2010**, 117, 489-99	7.3	117
258	Relationship between photoreceptor outer segment length and visual acuity in diabetic macular edema. *Retina*, **2010**, 30, 63-70	3.6	116
257	Folic acid, pyridoxine, and cyanocobalamin combination treatment and age-related macular degeneration in women: the Women Antioxidant and Folic Acid Cardiovascular Study. *Archives of Internal Medicine*, **2009**, 169, 335-41		111
256	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
255	Effect of Omega-3 Fatty Acids, Lutein/Zeaxanthin, or Other Nutrient Supplementation on Cognitive Function: The AREDS2 Randomized Clinical Trial. *JAMA - Journal of the American Medical Association* , **2015**, 314, 791-801	27.4	109
254	Risk factors associated with incident cataracts and cataract surgery in the Age-related Eye Disease Study (AREDS): AREDS report number 32. *Ophthalmology*, **2011**, 118, 2113-9	7.3	109
253	Baseline characteristics of participants in the natural history study of macular telangiectasia (MacTel) MacTel Project Report No. 2. *Ophthalmic Epidemiology*, **2010**, 17, 66-73	1.9	108
252	Results after lens extraction in patients with diabetic retinopathy: early treatment diabetic retinopathy study report number 25. *JAMA Ophthalmology*, **1999**, 117, 1600-6		107
251	Impairments in Dark Adaptation Are Associated with Age-Related Macular Degeneration Severity and Reticular Pseudodrusen. *Ophthalmology*, **2015**, 122, 2053-62	7.3	106
250	Age-related macular degeneration and the immune response: implications for therapy. *American Journal of Ophthalmology*, **2007**, 144, 618-26	4.9	106
249	Histopathology and regression of retinal hard exudates in diabetic retinopathy after reduction of elevated serum lipid levels. *Ophthalmology*, **2003**, 110, 2126-33	7.3	100
248	The long-term effects of laser photocoagulation treatment in patients with diabetic retinopathy: the early treatment diabetic retinopathy follow-up study. *Ophthalmology*, **2003**, 110, 1683-9	7.3	99
247	Lutein/zeaxanthin for the treatment of age-related cataract: AREDS2 randomized trial report no. 4. *JAMA Ophthalmology*, **2013**, 131, 843-50	3.9	96
246	Retinal transcriptome and eQTL analyses identify genes associated with age-related macular degeneration. *Nature Genetics*, **2019**, 51, 606-610	36.3	93
245	Genome-wide linkage analyses to identify Loci for diabetic retinopathy. *Diabetes*, **2007**, 56, 1160-6	0.9	92
244	Square root transformation of geographic atrophy area measurements to eliminate dependence of growth rates on baseline lesion measurements: a reanalysis of age-related eye disease study report no. 26. *JAMA Ophthalmology*, **2013**, 131, 110-1	3.9	91
243	Treatment of geographic atrophy by the topical administration of OT-551: results of a phase II clinical trial **2010**, 51, 6131-9		91
242	Effect of long-chain fatty acids and lutein + zeaxanthin supplements on cardiovascular outcomes: results of the Age-Related Eye Disease Study 2 (AREDS2) randomized clinical trial. *JAMA Internal Medicine*, **2014**, 174, 763-71	11.5	90

241	Spectral-domain optical coherence tomography characteristics of intermediate age-related macular degeneration. *Ophthalmology*, **2013**, 120, 140-50	7.3	82
240	Ancestry estimation and control of population stratification for sequence-based association studies. *Nature Genetics*, **2014**, 46, 409-15	36.3	82
239	The prevalence of macular telangiectasia type 2 in the Beaver Dam eye study. *American Journal of Ophthalmology*, **2010**, 150, 55-62.e2	4.9	82
238	"En face" OCT imaging of the IS/OS junction line in type 2 idiopathic macular telangiectasia **2012**, 53, 6145-52		77
237	No clinically significant association between CFH and ARMS2 genotypes and response to nutritional supplements: AREDS report number 38. *Ophthalmology*, **2014**, 121, 2173-80	7.3	76
236	Methods and reproducibility of grading optimized digital color fundus photographs in the Age-Related Eye Disease Study 2 (AREDS2 Report Number 2) **2013**, 54, 4548-54		74
235	Mitochondrial DNA variants of respiratory complex I that uniquely characterize haplogroup T2 are associated with increased risk of age-related macular degeneration. *PLoS ONE*, **2009**, 4, e5508	3.7	74
234	Application of random forests methods to diabetic retinopathy classification analyses. *PLoS ONE*, **2014**, 9, e98587	3.7	74
233	Factors associated with improvement and worsening of visual acuity 2 years after focal/grid photocoagulation for diabetic macular edema. *Ophthalmology*, **2010**, 117, 946-53	7.3	72
232	Effect of Ciliary Neurotrophic Factor on Retinal Neurodegeneration in Patients with Macular Telangiectasia Type 2: A Randomized Clinical Trial. *Ophthalmology*, **2019**, 126, 540-549	7.3	72
231	Progression of Geographic Atrophy in Age-related Macular Degeneration: AREDS2 Report Number 16. *Ophthalmology*, **2018**, 125, 1913-1928	7.3	71
230	Diabetic retinopathy, its progression, and incident cardiovascular events in the ACCORD trial. *Diabetes Care*, **2013**, 36, 1266-71	14.6	71
229	Changes in retinal sensitivity in geographic atrophy progression as measured by microperimetry **2011**, 52, 1119-26		71
228	Age-related macular degeneration. *Nature Reviews Disease Primers*, **2021**, 7, 31	51.1	71
227	Intravitreal anti-vascular endothelial growth factor therapy with pegaptanib for advanced von Hippel-Lindau disease of the retina. *Retina*, **2007**, 27, 150-8	3.6	67
226	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
225	Drusen Volume and Retinal Pigment Epithelium Abnormal Thinning Volume Predict 2-Year Progression of Age-Related Macular Degeneration. *Ophthalmology*, **2016**, 123, 39-50.e1	7.3	66
224	A randomized pilot study of systemic immunosuppression in the treatment of age-related macular degeneration with choroidal neovascularization. *Retina*, **2010**, 30, 1579-87	3.6	66

223	Ectopic calcification in pseudoxanthoma elasticum responds to inhibition of tissue-nonspecific alkaline phosphatase. *Science Translational Medicine*, **2017**, 9,	17.5	63
222	The LOC387715 polymorphism and age-related macular degeneration: replication in three case-control samples. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 1128-32		63
221	Relationship of central choroidal thickness with age-related macular degeneration status. *American Journal of Ophthalmology*, **2015**, 159, 617-26	4.9	60
220	Familial asymptomatic macular telangiectasia type 2. *Ophthalmology*, **2009**, 116, 2422-9	7.3	60
219	The IS/OS junction layer in the natural history of type 2 idiopathic macular telangiectasia **2012**, 53, 7889-95		59
218	Ciliary neurotrophic factor for macular telangiectasia type 2: results from a phase 1 safety trial. *American Journal of Ophthalmology*, **2015**, 159, 659-666.e1	4.9	58
217	Circularity index as a risk factor for progression of geographic atrophy. *Ophthalmology*, **2013**, 120, 2666-2671	7.3	58
216	Treatment of geographic atrophy with subconjunctival sirolimus: results of a phase I/II clinical trial **2013**, 54, 2941-50		58
215	Optical Coherence Tomography Predictors of Risk for Progression to Non-Neovascular Atrophic Age-Related Macular Degeneration. *Ophthalmology*, **2017**, 124, 1764-1777	7.3	57
214	Molecular pathology of eyes with von Hippel-Lindau (VHL) Disease: a review. *Retina*, **2007**, 27, 1-7	3.6	57
213	Screening options for diabetic retinopathy. *Current Opinion in Ophthalmology*, **2006**, 17, 519-22	5.1	56
212	Risk factors for renal replacement therapy in the Early Treatment Diabetic Retinopathy Study (ETDRS), Early Treatment Diabetic Retinopathy Study Report No. 26. *Kidney International*, **2004**, 66, 1173-9	9.9	56
211	Progression of geographic atrophy and genotype in age-related macular degeneration. *Ophthalmology*, **2010**, 117, 1554-9, 1559.e1	7.3	55
210	The National Eye Institute Visual Function Questionnaire in the Macular Telangiectasia (MacTel) Project **2008**, 49, 4340-6		54
209	Dose-ranging study of lutein supplementation in persons aged 60 years or older. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 5227-33		54
208	Deletion of aryl hydrocarbon receptor AHR in mice leads to subretinal accumulation of microglia and RPE atrophy **2014**, 55, 6031-40		53
207	Visual acuity outcomes after cataract surgery in patients with age-related macular degeneration: age-related eye disease study report no. 27. *Ophthalmology*, **2009**, 116, 2093-100	7.3	53
206	Toll-like receptor polymorphisms and age-related macular degeneration: replication in three case-control samples **2009**, 50, 5614-8		52

205	Central visual function and the NEI-VFQ-25 near and distance activities subscale scores in people with type 1 and 2 diabetes. *American Journal of Ophthalmology*, **2005**, 139, 1042-50	4.9	51
204	Genetic testing in persons with age-related macular degeneration and the use of the AREDS supplements: to test or not to test?. *Ophthalmology*, **2015**, 122, 212-5	7.3	50
203	Rationale, design, and methods of the Action to Control Cardiovascular Risk in Diabetes Eye Study (ACCORD-EYE). *American Journal of Cardiology*, **2007**, 99, 103i-111i	3	50
202	Novel insights into the polycythemia-paraganglioma-somatostatinoma syndrome. *Endocrine-Related Cancer*, **2016**, 23, 899-908	5.7	49
201	Peripheral Retinal Changes Associated with Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2: Age-Related Eye Disease Study 2 Report Number 12 by the Age-Related Eye Disease Study 2 Optos PEripheral RetinA (OPERA) Study Research Group. *Ophthalmology*, **2017**, 124, 479-487	7.3	48
200	Low-dose aspirin and medical record-confirmed age-related macular degeneration in a randomized trial of women. *Ophthalmology*, **2009**, 116, 2386-92	7.3	47
199	The HtrA1 promoter polymorphism, smoking, and age-related macular degeneration in multiple case-control samples. *Ophthalmology*, **2008**, 115, 1891-8	7.3	47
198	Ocular von Hippel-Lindau disease: clinical update and emerging treatments. *Current Opinion in Ophthalmology*, **2008**, 19, 213-7	5.1	47
197	The effect of lutein and zeaxanthin supplementation on metabolites of these carotenoids in the serum of persons aged 60 or older. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 5234-42		47
196	Omega-3 long-chain polyunsaturated fatty acid intake inversely associated with 12-year progression to advanced age-related macular degeneration. *JAMA Ophthalmology*, **2009**, 127, 110-2		46
195	Optical Coherence Tomography Reflective Drusen Substructures Predict Progression to Geographic Atrophy in Age-related Macular Degeneration. *Ophthalmology*, **2016**, 123, 2554-2570	7.3	44
194	Immune responses in age-related macular degeneration and a possible long-term therapeutic strategy for prevention. *American Journal of Ophthalmology*, **2014**, 158, 5-11.e2	4.9	44
193	The cross-sectional and longitudinal associations of diabetic retinopathy with cognitive function and brain MRI findings: the Action to Control Cardiovascular Risk in Diabetes (ACCORD) trial. *Diabetes Care*, **2014**, 37, 3244-52	14.6	43
192	Nutrient supplementation with n3 polyunsaturated fatty acids, lutein, and zeaxanthin decrease A2E accumulation and VEGF expression in the retinas of Ccl2/Cx3cr1-deficient mice on Crb1rd8 background. *Journal of Nutrition*, **2013**, 143, 1129-35	4.1	43
191	Clinical and genetic factors associated with progression of geographic atrophy lesions in age-related macular degeneration. *PLoS ONE*, **2015**, 10, e0126636	3.7	43
190	Age-related Eye Disease Study 2: perspectives, recommendations, and unanswered questions. *Current Opinion in Ophthalmology*, **2014**, 25, 186-90	5.1	41
189	LONGITUDINAL CORRELATION OF ELLIPSOID ZONE LOSS AND FUNCTIONAL LOSS IN MACULAR TELANGIECTASIA TYPE 2. *Retina*, **2018**, 38 Suppl 1, S20-S26	3.6	40
188	Intravitreal sirolimus for the treatment of geographic atrophy: results of a phase I/II clinical trial. *Investigative Ophthalmology and Visual Science*, **2014**, 56, 330-8		40

187	Randomized trial of the ForeseeHome monitoring device for early detection of neovascular age-related macular degeneration. The HOme Monitoring of the Eye (HOME) study design - HOME Study report number 1. *Contemporary Clinical Trials*, **2014**, 37, 294-300	2.3	40
186	Relative letter and position difficulty on visual acuity charts from the Early Treatment Diabetic Retinopathy Study. *American Journal of Ophthalmology*, **1993**, 116, 735-40	4.9	40
185	Lack of association between thiazolidinediones and macular edema in type 2 diabetes: the ACCORD eye substudy. *JAMA Ophthalmology*, **2010**, 128, 312-8		39
184	GEOGRAPHIC ATROPHY: Semantic Considerations and Literature Review. *Retina*, **2016**, 36, 2250-2264	3.6	38
183	Prevalence, Risk, and Genetic Association of Reticular Pseudodrusen in Age-related Macular Degeneration: Age-Related Eye Disease Study 2 Report 21. *Ophthalmology*, **2019**, 126, 1659-1666	7.3	37
182	Genome-wide analysis of disease progression in age-related macular degeneration. *Human Molecular Genetics*, **2018**, 27, 929-940	5.6	37
181	Oral supplementation of lutein/zeaxanthin and omega-3 long chain polyunsaturated fatty acids in persons aged 60 years or older, with or without AMD **2008**, 49, 3864-9		37
180	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. *PLoS ONE*, **2014**, 9, e107110	3.7	36
179	Symptoms and Satisfaction of Patients in the Patient-Reported Outcomes With Laser In Situ Keratomileusis (PROWL) Studies. *JAMA Ophthalmology*, **2017**, 135, 13-22	3.9	35
178	Deep-learning-based Prediction of Late Age-Related Macular Degeneration Progression. *Nature Machine Intelligence*, **2020**, 2, 141-150	22.5	35
177	Nutrition effects on ocular diseases in the aging eye **2013**, 54, ORSF42-7		35
176	Summary results and recommendations from the age-related eye disease study. *JAMA Ophthalmology*, **2009**, 127, 1678-9		35
175	Evaluation of Geographic Atrophy from Color Photographs and Fundus Autofluorescence Images: Age-Related Eye Disease Study 2 Report Number 11. *Ophthalmology*, **2016**, 123, 2401-2407	7.3	34
174	Rare and common variants in extracellular matrix gene Fibrillin 2 (FBN2) are associated with macular degeneration. *Human Molecular Genetics*, **2014**, 23, 5827-37	5.6	34
173	CORRELATION OF CLINICAL AND STRUCTURAL PROGRESSION WITH VISUAL ACUITY LOSS IN MACULAR TELANGIECTASIA TYPE 2: MacTel Project Report No. 6-The MacTel Research Group. *Retina*, **2018**, 38 Suppl 1, S8-S13	3.6	32
172	Subconjunctival sirolimus in the treatment of diabetic macular edema. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2011**, 249, 1627-33	3.8	32
171	A severity scale for diabetic macular edema developed from ETDRS data **2008**, 49, 5041-7		32
170	Bivariate Analysis of Age-Related Macular Degeneration Progression Using Genetic Risk Scores. *Genetics*, **2017**, 206, 119-133	4	31

169	Visual acuity after cataract surgery in patients with age-related macular degeneration: age-related eye disease study 2 report number 5. *Ophthalmology*, **2014**, 121, 1229-36	7.3	31
168	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. *Diabetes*, **2019**, 68, 441-456	0.9	31
167	Treatment of nonneovascular idiopathic macular telangiectasia type 2 with intravitreal ranibizumab: results of a phase II clinical trial. *Retina*, **2012**, 32, 996-1006	3.6	30
166	A Deep Learning Approach for Automated Detection of Geographic Atrophy from Color Fundus Photographs. *Ophthalmology*, **2019**, 126, 1533-1540	7.3	28
165	Comparison of standardized clinical classification with fundus photograph grading for the assessment of diabetic retinopathy and diabetic macular edema severity. *Retina*, **2013**, 33, 1393-9	3.6	28
164	Effects of aldose reductase inhibitors and galactose withdrawal on fluorescein angiographic lesions in galactose-fed dogs. *JAMA Ophthalmology*, **2003**, 121, 1745-51		28
163	Preliminary assessment of celecoxib and microdiode pulse laser treatment of diabetic macular edema. *Retina*, **2010**, 30, 459-67	3.6	27
162	Prevalence of anti-retinal autoantibodies in different stages of Age-related macular degeneration. *BMC Ophthalmology*, **2014**, 14, 154	2.3	26
161	Ocular side effects associated with peribulbar injections of triamcinolone acetonide for diabetic macular edema. *Retina*, **2011**, 31, 284-9	3.6	26
160	Retinal vascular proliferation as an ocular manifestation of von Hippel-Lindau disease. *JAMA Ophthalmology*, **2008**, 126, 637-43		26
159	Early retinopathy progression in four randomized trials comparing insulin glargine and NPH [corrected] insulin. *Experimental and Clinical Endocrinology and Diabetes*, **2007**, 115, 240-3	2.3	26
158	Evaluation of the age-related eye disease study clinical lens grading system AREDS report No. 31. *Ophthalmology*, **2010**, 117, 2112-9.e3	7.3	25
157	CHOROIDAL THICKNESS AND VASCULARITY VARY WITH DISEASE SEVERITY AND SUBRETINAL DRUSENOID DEPOSIT PRESENCE IN NONADVANCED AGE-RELATED MACULAR DEGENERATION. *Retina*, **2020**, 40, 632-642	3.6	25
156	Longitudinal Study of Dark Adaptation as a Functional Outcome Measure for Age-Related Macular Degeneration. *Ophthalmology*, **2019**, 126, 856-865	7.3	24
155	Copy number variations in candidate genes in neovascular age-related macular degeneration **2011**, 52, 3129-35		24
154	Biological and clinical impact of hemangioblastoma-associated peritumoral cysts in von Hippel-Lindau disease. *Journal of Neurosurgery*, **2016**, 124, 971-6	3.2	23
153	Retinal imaging in Alzheimer and neurodegenerative diseases. *Alzheimerls and Dementia*, **2021**, 17, 103-111	1.2	23
152	Fenofibrate and Diabetic Retinopathy. *Current Diabetes Reports*, **2016**, 16, 90	5.6	22

151	Drusen regression is associated with local changes in fundus autofluorescence in intermediate age-related macular degeneration. *American Journal of Ophthalmology*, **2013**, 156, 532-542.e1	4.9	22
150	Retinal Specialist versus Artificial Intelligence Detection of Retinal Fluid from OCT: Age-Related Eye Disease Study 2: 10-Year Follow-On Study. *Ophthalmology*, **2021**, 128, 100-109	7.3	22
149	Ocular manifestations of hypoxia-inducible factor-2 paraganglioma-somatostatinoma-polycythemia syndrome. *Ophthalmology*, **2014**, 121, 2291-3	7.3	21
148	Correlation Between Macular Integrity Assessment and Optical Coherence Tomography Imaging of Ellipsoid Zone in Macular Telangiectasia Type 2 **2017**, 58, BIO291-BIO299		21
147	DNA sequence variants in PPARGC1A, a gene encoding a coactivator of the LCPUFA sensing PPAR-RXR transcription complex, are associated with NV AMD and AMD-associated loci in genes of complement and VEGF signaling pathways. *PLoS ONE*, **2013**, 8, e53155	3.7	21
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