Emily Y Chew

List of Publications by Year in Descending Order

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	Comparison of agents using higher dose anti-VEGF therapy for treatment-resistant neovascular age-related macular degeneration.. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2022**, 1	3.8	0
311	Predicting myocardial infarction through retinal scans and minimal personal information. *Nature Machine Intelligence*, **2022**, 4, 55-61	22.5	3
310	Comparison of ETDRS 7-Field to 4-Widefield Digital Imaging in the Evaluation of Diabetic Retinopathy Severity.. *Translational Vision Science and Technology*, **2022**, 11, 13	3.3	
309	Progression of Age-Related Macular Degeneration Among Individuals Homozygous for Risk Alleles on Chromosome 1 (CFH-CFHR5) or Chromosome 10 (ARMS2/HTRA1) or Both.. *JAMA Ophthalmology*, **2022**,	3.9	3
308	Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity.. *Ophthalmology*, **2022**,	7.3	1
307	LONGL-Net: temporal correlation structure guided deep learning model to predict longitudinal age-related macular degeneration severity. **2022**, 1, pgab003		1
306	Reply.. *Ophthalmology Retina*, **2022**, 6, 334-335	3.8	
305	Machine learning OCT predictors of progression from intermediate age-related macular degeneration to geographic atrophy and vision loss. *Ophthalmology Science*, **2022**, 100160		
304	Identifying Those at Risk of Glaucoma: A Deep Learning Approach for Optic Disc and Cup Segmentation and Their Boundary Analysis. *Diagnostics*, **2022**, 12, 1063	3.8	0
303	Cataract Surgery and the Risk of Developing Late Age-Related Macular Degeneration: The Age-Related Eye Disease Study 2 Report Number 27. *Ophthalmology*, **2021**,	7.3	1
302	Artificial Intelligence in Age-Related Macular Degeneration (AMD) **2021**, 101-112		
301	Developmental vascular malformations in EPAS1 gain-of-function syndrome. *JCI Insight*, **2021**, 6,	9.9	3
300	Gene-based analysis of bi-variate survival traits via functional regressions with applications to eye diseases. *Genetic Epidemiology*, **2021**, 45, 455-470	2.6	
299	Automated Quantitative Assessment of Retinal Fluid Volumes as Important Biomarkers in Neovascular Age-Related Macular Degeneration. *American Journal of Ophthalmology*, **2021**, 224, 267-281	4.9	9
298	Multimodal, multitask, multiattention (M3) deep learning detection of reticular pseudodrusen: Toward automated and accessible classification of age-related macular degeneration. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1135-1148	8.6	4
297	Updated Numbers on the State of Visual Acuity Loss and Blindness in the US. *JAMA Ophthalmology*, **2021**, 139, 723-724	3.9	
296	Local Anatomic Precursors to New-Onset Geographic Atrophy in Age-Related Macular Degeneration as Defined on OCT. *Ophthalmology Retina*, **2021**, 5, 396-408	3.8	2

295	Age-related macular degeneration. *Nature Reviews Disease Primers*, **2021**, 7, 31	51.1	71
294	Gene Set Enrichment Analsyes Identiify Pathways Involved in Genetic Risk for Diabetic Retinopathy. *American Journal of Ophthalmology*, **2021**, 233, 111-123	4.9	3
293	Retinal cavitations in macular telangiectasia type 2 (MacTel): longitudinal structure-function correlations. *British Journal of Ophthalmology*, **2021**, 105, 109-112	5.5	5
292	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
291	Prospective phenotyping of long-term survivors of generalized arterial calcification of infancy (GACI). *Genetics in Medicine*, **2021**, 23, 396-407	8.1	14
290	Retinal imaging in Alzheimer☉ and neurodegenerative diseases. *Alzheimerls and Dementia*, **2021**, 17, 103-111	1.2	23
289	Dietary Nutrient Intake and Progression to Late Age-Related Macular Degeneration in the Age-Related Eye Disease Studies 1 and 2. *Ophthalmology*, **2021**, 128, 425-442	7.3	21
288	Retrobulbar Hemangioblastomas in von Hippel-Lindau Disease: Clinical Course and Management. *Neurosurgery*, **2021**, 88, 1012-1020	3.2	0
287	Age-Related Macular Degeneration: Epidemiology and Clinical Aspects. *Advances in Experimental Medicine and Biology*, **2021**, 1256, 1-31	3.6	2
286	Genome-Wide Association Studies-Based Machine Learning for Prediction of Age-Related Macular Degeneration Risk. *Translational Vision Science and Technology*, **2021**, 10, 29	3.3	4
285	Progression of Geographic Atrophy with Subsequent Exudative Neovascular Disease in Age-Related Macular Degeneration: AREDS2 Report 24. *Ophthalmology Retina*, **2021**, 5, 108-117	3.8	5
284	Why Ophthalmology Science?. *Ophthalmology Science*, **2021**, 1, 100012		
283	Cluster Analysis and Genotype-Phenotype Assessment of Geographic Atrophy in Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report 25. *Ophthalmology Retina*, **2021**, 5, 1061-1073	3.8	2
282	Foundational Considerations for Artificial Intelligence Using Ophthalmic Images. *Ophthalmology*, **2021**,	7.3	7
281	Associations between Age-Related Eye Diseases and Charles Bonnet Syndrome in Participants of the Age-Related Eye Disease Study 2: Report Number 26. *Ophthalmology*, **2021**,	7.3	4
280	Improving Interpretability in Machine Diagnosis. *Ophthalmology Science*, **2021**, 1, 100038		0
279	Identification and inference for subgroups with differential treatment efficacy from randomized controlled trials with survival outcomes through multiple testing. *Statistics in Medicine*, **2021**, 40, 6523-6540	2.2	
278	Intravitreous treatment of severe ocular von Hippel-Lindau disease using a combination of the VEGF inhibitor, ranibizumab and PDGF inhibitor, E10030: Results from a phase 1/2 clinical trial. *Clinical and Experimental Ophthalmology*, **2021**, 49, 1048-1059	2.4	1

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277	Principal Cause of Poor Visual Acuity after Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 23. *Ophthalmology Retina*, **2021**, 5, 23-31	3.8	5
276	Multi-task deep learning-based survival analysis on the prognosis of late AMD using the longitudinal data in AREDS. **2021**, 2021, 506-515	0.7	
275	A recommended "minimum data set" framework for SD-OCT retinal image acquisition and analysis from the Atlas of Retinal Imaging in Alzheimer⊙ Study (ARIAS). *Alzheimerls and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2020**, 12, e12119	5.2	2
274	Adherence to the Mediterranean Diet and Progression to Late Age-Related Macular Degeneration in the Age-Related Eye Disease Studies 1 and 2. *Ophthalmology*, **2020**, 127, 1515-1528	7.3	13
273	Two cases of severe Purtscher-like retinopathy demonstrating recurrence and progression to neovascularization and vitreous hemorrhage. *American Journal of Ophthalmology Case Reports*, **2020**, 18, 100664	1.3	1
272	Macular Telangiectasia Type 2: Visual Acuity, Disease End Stage, and the MacTel Area: MacTel Project Report Number 8. *Ophthalmology*, **2020**, 127, 1539-1548	7.3	15
271	Polymorphism Influences the Cardiovascular Benefit of Fenofibrate in Type 2 Diabetes: Findings From ACCORD-Lipid. *Diabetes*, **2020**, 69, 771-783	0.9	12
270	Age-related Macular Degeneration: Nutrition, Genes and Deep Learning-The LXXVI Edward Jackson Memorial Lecture. *American Journal of Ophthalmology*, **2020**, 217, 335-347	4.9	4
269	Reply. *Ophthalmology*, **2020**, 127, e19-e20	7.3	
268	Deep-learning-based Prediction of Late Age-Related Macular Degeneration Progression. *Nature Machine Intelligence*, **2020**, 2, 141-150	22.5	35
267	Association of 2-Year Progression Along the AREDS AMD Scale and Development of Late Age-Related Macular Degeneration or Loss of Visual Acuity: AREDS Report 41. *JAMA Ophthalmology*, **2020**, 138, 610-617	3.9	4
266	Family-based exome sequencing identifies rare coding variants in age-related macular degeneration. *Human Molecular Genetics*, **2020**, 29, 2022-2034	5.6	9
265	Deep Learning Automated Detection of Reticular Pseudodrusen from Fundus Autofluorescence Images or Color Fundus Photographs in AREDS2. *Ophthalmology*, **2020**, 127, 1674-1687	7.3	9
264	Beyond Performance Metrics: Automatic Deep Learning Retinal OCT Analysis Reproduces Clinical Trial Outcome. *Ophthalmology*, **2020**, 127, 793-801	7.3	12
263	Vascular Changes in the Retina and Choroid of Patients With EPAS1 Gain-of-Function Mutation Syndrome. *JAMA Ophthalmology*, **2020**, 138, 148-155	3.9	4
262	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
261	Incidence of Macular Atrophy after Untreated Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study Report 40. *Ophthalmology*, **2020**, 127, 784-792	7.3	7
260	Visual Acuity Outcomes after Anti-Vascular Endothelial Growth Factor Treatment for Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 19. *Ophthalmology Retina*, **2020**, 4, 3-12	3.8	8

259	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
258	Deep learning-based classification and segmentation of retinal cavitations on optical coherence tomography images of macular telangiectasia type 2. *British Journal of Ophthalmology*, **2020**,	5.5	2
257	Predicting risk of late age-related macular degeneration using deep learning. *Npj Digital Medicine*, **2020**, 3, 111	15.7	12
256	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. *Communications Biology*, **2020**, 3, 755	6.7	3
255	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
254	Adherence to a Mediterranean diet and cognitive function in the Age-Related Eye Disease Studies 1 & 2. *Alzheimerls and Dementia*, **2020**, 16, 831-842	1.2	14
253	Longitudinal Study of Dark Adaptation as a Functional Outcome Measure for Age-Related Macular Degeneration. *Ophthalmology*, **2019**, 126, 856-865	7.3	24
252	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
251	Reply. *Ophthalmology*, **2019**, 126, e40-e41	7.3	0
250	Five-Year Follow-up of Nonfibrotic Scars in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2019**, 126, 743-751	7.3	14
249	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
248	Age-related changes of the retinal microvasculature. *PLoS ONE*, **2019**, 14, e0215916	3.7	12
247	Precursors and Development of Geographic Atrophy with Autofluorescence Imaging: Age-Related Eye Disease Study 2 Report Number 18. *Ophthalmology Retina*, **2019**, 3, 724-733	3.8	10
246	Patients With Good Vision and Diabetic Macular Edema Involving the Center of the Macula: To Treat or Not to Treat?. *JAMA - Journal of the American Medical Association*, **2019**, 321, 1873-1875	27.4	2
245	Association of Dietary and Supplementary Calcium Intake With Age-Related Macular Degeneration: Age-Related Eye Disease Study Report 39. *JAMA Ophthalmology*, **2019**, 137, 543-550	3.9	11
244	Progression characteristics of ellipsoid zone loss in macular telangiectasia type 2. *Acta Ophthalmologica*, **2019**, 97, e998-e1005	3.7	15
243	Retinal transcriptome and eQTL analyses identify genes associated with age-related macular degeneration. *Nature Genetics*, **2019**, 51, 606-610	36.3	93
242	Optic Disc and Cup Segmentation for Glaucoma Characterization Using Deep Learning **2019**,		8

#	Reference		
241	The Association of Aspirin Use with Age-Related Macular Degeneration Progression in the Age-Related Eye Disease Studies: Age-Related Eye Disease Study 2 Report No. 20. *Ophthalmology*, **2019**, 126, 1647-1656	7.3	6
240	No CFH or ARMS2 Interaction with Omega-3 Fatty Acids, Low versus High Zinc, or Carotene versus Lutein and Zeaxanthin on Progression of Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2: Age-Related Eye Disease Study 2 Report No. 18. *Ophthalmology*, **2019**, 126, 1541-1548	7.3	12
239	A Deep Learning Approach for Automated Detection of Geographic Atrophy from Color Fundus Photographs. *Ophthalmology*, **2019**, 126, 1533-1540	7.3	28
238	Imaging Characteristics of Choroidal Neovascular Lesions in the AREDS2-HOME Study: Report Number 4. *Ophthalmology Retina*, **2019**, 3, 326-335	3.8	10
237	A multi-task deep learning model for the classification of Age-related Macular Degeneration. *AMIA Summits on Translational Science Proceedings*, **2019**, 2019, 505-514	1.1	5
236	VON HIPPEL-LINDAU DISEASE: Update on Pathogenesis and Systemic Aspects. *Retina*, **2019**, 39, 2243-2253	3.6	20
235	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
234	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
233	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
232	Natural History of Drusenoid Pigment Epithelial Detachment Associated with Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report No. 17. *Ophthalmology*, **2019**, 126, 261-273	7.3	19
231	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
230	Genome-wide analysis of disease progression in age-related macular degeneration. *Human Molecular Genetics*, **2018**, 27, 929-940	5.6	37
229	Lack of Longitudinal Association Between Thiazolidinediones and Incidence and Progression of Diabetic Eye Disease: The ACCORD Eye Study. *American Journal of Ophthalmology*, **2018**, 187, 138-147	4.9	10
228	Deletion of the von Hippel-Lindau Gene in Hemangioblasts Causes Hemangioblastoma-like Lesions in Murine Retina. *Cancer Research*, **2018**, 78, 1266-1274	10.1	15
227	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
226	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
225	CORRELATION OF STRUCTURAL AND FUNCTIONAL OUTCOME MEASURES IN A PHASE ONE TRIAL OF CILIARY NEUROTROPHIC FACTOR IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S27-S32	3.6	16
224	LONGITUDINAL CORRELATION OF ELLIPSOID ZONE LOSS AND FUNCTIONAL LOSS IN MACULAR TELANGIECTASIA TYPE 2. *Retina*, **2018**, 38 Suppl 1, S20-S26	3.6	40

223	ABNORMAL RETINAL REFLECTIVITY TO SHORT-WAVELENGTH LIGHT IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S79-S88	3.6	18
222	CONCURRENT IDIOPATHIC MACULAR TELANGIECTASIA TYPE 2 AND CENTRAL SEROUS CHORIORETINOPATHY. *Retina*, **2018**, 38 Suppl 1, S67-S78	3.6	11
221	Potential Effects of Hormone Therapy in Type 2 Idiopathic Macular Telangiectasia. *Ophthalmic Research*, **2018**, 60, 38-42	2.9	2
220	Cost-effectiveness of age-related macular degeneration study supplements in the UK: combined trial and real-world outcomes data. *British Journal of Ophthalmology*, **2018**, 102, 465-472	5.5	6
219	A Deep Phenotype Association Study Reveals Specific Phenotype Associations with Genetic Variants in Age-related Macular Degeneration: Age-Related Eye Disease Study 2 (AREDS2) Report No. 14. *Ophthalmology*, **2018**, 125, 559-568	7.3	19
218	Optical Coherence Tomography Minimum Intensity as an Objective Measure for the Detection of Hydroxychloroquine Toxicity **2018**, 59, 1953-1963		12
217	Progression of Geographic Atrophy in Age-related Macular Degeneration: AREDS2 Report Number 16. *Ophthalmology*, **2018**, 125, 1913-1928	7.3	71
216	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
215	University of Pennsylvania 10th annual conference on statistical issues in clinical trials: Current issues regarding data and safety monitoring committees in clinical trials (afternoon panel session). *Clinical Trials*, **2018**, 15, 366-385	2.2	
214	The Cilioretinal Artery-A Friend to Age-Related Macular Degeneration?. *JAMA Ophthalmology*, **2018**, 136, 1015-1016	3.9	
213	Association of Rare Predicted Loss-of-Function Variants in Cellular Pathways with Sub-Phenotypes in Age-Related Macular Degeneration. *Ophthalmology*, **2018**, 125, 398-406	7.3	7
212	Preliminary Report on Effects of Photocoagulation Therapy. *American Journal of Ophthalmology*, **2018**, 185, 14-24	4.9	5
211	Association of Mortality with Ocular Diseases and Visual Impairment in the Age-Related Eye Disease Study 2: Age-Related Eye Disease Study 2 Report Number 13. *Ophthalmology*, **2018**, 125, 512-521	7.3	15
210	Global Connections to Study Idiopathic Macular Telangiectasia Type 2. *Retina*, **2018**, 38 Suppl 1, S3-S7	3.6	5
209	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
208	CHARACTERISTICS OF PIGMENTED LESIONS IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S43-S50	3.6	16
207	Oral Dextromethorphan for the Treatment of Diabetic Macular Edema: Results From a Phase I/II Clinical Study. *Translational Vision Science and Technology*, **2018**, 7, 24	3.3	4
206	Argon Laser Photocoagulation For Macular Edema In Branch Vein Occlusion. *American Journal of Ophthalmology*, **2018**, 196, xxx-xxxviii	4.9	4

205	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
204	Atrophy in Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 15. *Ophthalmology Retina*, **2018**, 2, 1021-1027	3.8	10
203	Imaging Protocols in Clinical Studies in Advanced Age-Related Macular Degeneration: Recommendations from Classification of Atrophy Consensus Meetings. *Ophthalmology*, **2017**, 124, 464-478	7.3	110
202	Evolution of Geographic Atrophy in Participants Treated with Ranibizumab for Neovascular Age-related Macular Degeneration. *Ophthalmology Retina*, **2017**, 1, 34-41	3.8	16
201	Systemic Sunitinib Malate Treatment for Advanced Juxtapapillary Retinal Hemangioblastomas Associated with von Hippel-Lindau Disease. *Ophthalmology Retina*, **2017**, 1, 181-187	3.8	11
200	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
199	Diabetic Retinopathy: A Position Statement by the American Diabetes Association. *Diabetes Care*, **2017**, 40, 412-418	14.6	357
198	Nutrition, Genes, and Age-Related Macular Degeneration: What Have We Learned from the Trials?. *Ophthalmologica*, **2017**, 238, 1-5	3.7	8
197	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
196	Assessment of the Psychometric Properties of a Questionnaire Assessing Patient-Reported Outcomes With Laser In Situ Keratomileusis (PROWL). *JAMA Ophthalmology*, **2017**, 135, 3-12	3.9	11
195	Dietary Intake of Omega-3 Fatty Acids From Fish and Risk of Diabetic Retinopathy. *JAMA - Journal of the American Medical Association*, **2017**, 317, 2226-2227	27.4	7
194	Decreased Visual Function Scores on a Low Luminance Questionnaire Is Associated with Impaired Dark Adaptation. *Ophthalmology*, **2017**, 124, 1332-1339	7.3	19
193	Bivariate Analysis of Age-Related Macular Degeneration Progression Using Genetic Risk Scores. *Genetics*, **2017**, 206, 119-133	4	31
192	Ectopic calcification in pseudoxanthoma elasticum responds to inhibition of tissue-nonspecific alkaline phosphatase. *Science Translational Medicine*, **2017**, 9,	17.5	63
191	Listening to the Patients-The Laser-Assisted In Situ Keratomileusis Quality of Life Collaboration Project. *JAMA Ophthalmology*, **2017**, 135, 83-84	3.9	1
190	Association Between C-Reactive Protein and Age-Related Macular Degeneration: Les Liaisons Dangereuses. *JAMA Ophthalmology*, **2017**, 135, 916-917	3.9	0
189	No Sex Differences in the Frequencies of Common Single Nucleotide Polymorphisms Associated with Age-Related Macular Degeneration. *Current Eye Research*, **2017**, 42, 470-475	2.9	1
188	Optical Coherence Tomography Predictors of Risk for Progression to Non-Neovascular Atrophic Age-Related Macular Degeneration. *Ophthalmology*, **2017**, 124, 1764-1777	7.3	57

187	Correlation Between Macular Integrity Assessment and Optical Coherence Tomography Imaging of Ellipsoid Zone in Macular Telangiectasia Type 2 **2017**, 58, BIO291-BIO299		21
186	Next-generation genotype imputation service and methods. *Nature Genetics*, **2016**, 48, 1284-1287	36.3	1369
185	A reference panel of 64,976 haplotypes for genotype imputation. *Nature Genetics*, **2016**, 48, 1279-83	36.3	1447
184	Fenofibrate and Diabetic Retinopathy. *Current Diabetes Reports*, **2016**, 16, 90	5.6	22
183	Evaluating the Validity of the Age-Related Eye Disease Study Grading Scale for Age-Related Macular Degeneration: AREDS2 Report 10. *JAMA Ophthalmology*, **2016**, 134, 1041-7	3.9	19
182	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
181	Optical Coherence Tomography Reflective Drusen Substructures Predict Progression to Geographic Atrophy in Age-related Macular Degeneration. *Ophthalmology*, **2016**, 123, 2554-2570	7.3	44
180	GEOGRAPHIC ATROPHY: Semantic Considerations and Literature Review. *Retina*, **2016**, 36, 2250-2264	3.6	38
179	EFFECTIVENESS OF DIFFERENT MONITORING MODALITIES IN THE DETECTION OF NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: The Home Study, Report Number 3. *Retina*, **2016**, 36, 1542-7	3.6	13
178	Functional single nucleotide polymorphism in IL-17A 3Őuntranslated region is targeted by miR-4480 in vitro and may be associated with age-related macular degeneration. *Environmental and Molecular Mutagenesis*, **2016**, 57, 58-64	3.2	13
177	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
176	A Crossover Design for Comparative Efficacy: A 36-Week Randomized Trial of Bevacizumab and Ranibizumab for Diabetic Macular Edema. *Ophthalmology*, **2016**, 123, 841-9	7.3	13
175	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
174	The Association of Statin Use with Cataract Progression and Cataract Surgery: The AREDS2 Report Number 8. *Ophthalmology*, **2016**, 123, 916-7	7.3	15
173	Drilling Deeper for Treatment Choices in Diabetic Macular Edema. *JAMA Ophthalmology*, **2016**, 134, 135-6	3.9	
172	Biological and clinical impact of hemangioblastoma-associated peritumoral cysts in von Hippel-Lindau disease. *Journal of Neurosurgery*, **2016**, 124, 971-6	3.2	23
171	Future opportunities in diabetic retinopathy research. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2016**, 23, 91-6	4	4
170	Gene-Based Association Analysis for Censored Traits Via Fixed Effect Functional Regressions. *Genetic Epidemiology*, **2016**, 40, 133-43	2.6	10

169	AREDS Supplementation and the Progression Towards Exudative AMD. *Essentials in Ophthalmology*, **2016**, 67-77	0.2	
168	Folic Acid, Vitamin B6, and Vitamin B12 in Combination and Age-Related Cataract in a Randomized Trial of Women. *Ophthalmic Epidemiology*, **2016**, 23, 32-9	1.9	20
167	Ocular von Hippel-Lindau Disease clinical characteristics and future directions. *Expert Review of Ophthalmology*, **2016**, 11, 329-337	1.5	1
166	Reply. *Ophthalmology*, **2016**, 123, e48	7.3	
165	Novel insights into the polycythemia-paraganglioma-somatostatinoma syndrome. *Endocrine-Related Cancer*, **2016**, 23, 899-908	5.7	49
164	Author reply: To PMID 24974817. *Ophthalmology*, **2015**, 122, e46-7	7.3	1
163	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
162	Changes in lens opacities on the age-related eye disease study grading scale predict progression to cataract surgery and vision loss: age-related eye disease study report no. 34. *Ophthalmology*, **2015**, 122, 888-96	7.3	10
161	Pathology characteristics of ocular von Hippel-Lindau disease with neovascularization of the iris and cornea: a case report. *Journal of Medical Case Reports*, **2015**, 9, 66	1.2	9
160	Relationship of central choroidal thickness with age-related macular degeneration status. *American Journal of Ophthalmology*, **2015**, 159, 617-26	4.9	60
159	The Association of Statin Use with Age-Related Macular Degeneration Progression: The Age-Related Eye Disease Study 2 Report Number 9. *Ophthalmology*, **2015**, 122, 2490-6	7.3	20
158	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
157	Reply: To PMID 25456150. *Ophthalmology*, **2015**, 122, e61-2	7.3	
156	Reply: To PMID 25456150. *Ophthalmology*, **2015**, 122, e63	7.3	
155	Reply: To PMID 25456150. *Ophthalmology*, **2015**, 122, e58-9	7.3	
154	Effect of ranibizumab on high-speed indocyanine green angiography and minimum intensity projection optical coherence tomography findings in neovascular age-related macular degeneration. *Retina*, **2015**, 35, 58-68	3.6	1
153	The Association of Dietary Lutein plus Zeaxanthin and B Vitamins with Cataracts in the Age-Related Eye Disease Study: AREDS Report No. 37. *Ophthalmology*, **2015**, 122, 1471-9	7.3	20
152	Impairments in Dark Adaptation Are Associated with Age-Related Macular Degeneration Severity and Reticular Pseudodrusen. *Ophthalmology*, **2015**, 122, 2053-62	7.3	106

151	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
150	Clinical and genetic factors associated with progression of geographic atrophy lesions in age-related macular degeneration. *PLoS ONE*, **2015**, 10, e0126636	3.7	43
149	Modeling Photo-Bleaching Kinetics to Create High Resolution Maps of Rod Rhodopsin in the Human Retina. *PLoS ONE*, **2015**, 10, e0131881	3.7	4
148	Image Scaling Difference Between a Confocal Scanning Laser Ophthalmoscope and a Flash Fundus Camera. *Ophthalmic Surgery Lasers and Imaging Retina*, **2015**, 46, 872-9	1.4	2
147	The degree of retinopathy is equally predictive for renal and macrovascular outcomes in the ACCORD Trial. *Journal of Diabetes and Its Complications*, **2014**, 28, 874-9	3.2	16
146	Deletion of aryl hydrocarbon receptor AHR in mice leads to subretinal accumulation of microglia and RPE atrophy **2014**, 55, 6031-40		53
145	Ocular manifestations of hypoxia-inducible factor-2日 paraganglioma-somatostatinoma-polycythemia syndrome. *Ophthalmology*, **2014**, 121, 2291-3	7.3	21
144	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
143	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
142	Clinical applications of age-related macular degeneration genetics. *Cold Spring Harbor Perspectives in Medicine*, **2014**, 4,	5.4	7
141	Effect of long-chain 日 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
140	Upregulation of hypoxia-inducible factors and autophagy in von Hippel-Lindau-associated retinal hemangioblastoma. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2014**, 252, 1319-27	3.8	17
139	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
138	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
137	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
136	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
135	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
134	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. *PLoS ONE*, **2014**, 9, e107110	3.7	36

133	Does long-term aspirin use increase the risk of neovascular age-related macular degeneration?. *Expert Opinion on Drug Safety*, **2014**, 13, 421-9	4.1	14
132	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
131	Experimental design issue for assessment of carotenoids lutein and zeaxanthin in age-related eye disease study 2 formulation for age-related macular degeneration--reply. *JAMA Ophthalmology*, **2014**, 132, 904-5	3.9	
130	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
129	Vitamins and minerals, for eyes only?. *JAMA Ophthalmology*, **2014**, 132, 665-6	3.9	1
128	Prevalence of anti-retinal autoantibodies in different stages of Age-related macular degeneration. *BMC Ophthalmology*, **2014**, 14, 154	2.3	26
127	Age-related Eye Disease Study 2: perspectives, recommendations, and unanswered questions. *Current Opinion in Ophthalmology*, **2014**, 25, 186-90	5.1	41
126	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
125	Making sense of the evidence from the age-related eye disease study 2 randomized clinical trial-reply. *JAMA Ophthalmology*, **2014**, 132, 1031-2	3.9	6
124	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
123	Ancestry estimation and control of population stratification for sequence-based association studies. *Nature Genetics*, **2014**, 46, 409-15	36.3	82
122	Application of random forests methods to diabetic retinopathy classification analyses. *PLoS ONE*, **2014**, 9, e98587	3.7	74
121	Subconjunctival Palomid 529 in the treatment of neovascular age-related macular degeneration. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2013**, 251, 2705-9	3.8	16
120	Macular telangiectasia type 2. *Progress in Retinal and Eye Research*, **2013**, 34, 49-77	20.5	226
119	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
118	Web-based versus paper administration of common ophthalmic questionnaires: comparison of subscale scores. *Ophthalmology*, **2013**, 120, 2151-9	7.3	13
117	Spectral-domain optical coherence tomography characteristics of intermediate age-related macular degeneration. *Ophthalmology*, **2013**, 120, 140-50	7.3	82
116	Circularity index as a risk factor for progression of geographic atrophy. *Ophthalmology*, **2013**, 120, 2666-2671	7.3	58

115	Clinical classification of age-related macular degeneration. *Ophthalmology*, **2013**, 120, 844-51	7.3	830
114	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
113	Seven new loci associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 433-9, 439e1-2	36.3	577
112	Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 1375-9	36.3	130
111	Lutein/zeaxanthin for the treatment of age-related cataract: AREDS2 randomized trial report no. 4. *JAMA Ophthalmology*, **2013**, 131, 843-50	3.9	96
110	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
109	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
108	Treatment of geographic atrophy with subconjunctival sirolimus: results of a phase I/II clinical trial **2013**, 54, 2941-50		58
107	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
106	Evaluation of optimized digital fundus reflex photographs for lens opacities in the age-related eye disease study 2: AREDS2 report 7 **2013**, 54, 5989-94		7
105	Ten-year incidence rates of age-related cataract in the Age-Related Eye Disease Study (AREDS): AREDS report no. 33. *Ophthalmic Epidemiology*, **2013**, 20, 71-81	1.9	16
104	Diabetic retinopathy, its progression, and incident cardiovascular events in the ACCORD trial. *Diabetes Care*, **2013**, 36, 1266-71	14.6	71
103	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
102	Nutrition effects on ocular diseases in the aging eye **2013**, 54, ORSF42-7		35
101	DNA sequence variants in PPARGC1A, a gene encoding a coactivator of the β 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
100	Preventive Therapies for Age-Related Macular Degeneration: Current Guidelines. *Essentials in Ophthalmology*, **2013**, 83-89	0.2	
99	Hypomethylation of the IL17RC promoter associates with age-related macular degeneration. *Cell Reports*, **2012**, 2, 1151-8	10.6	130
98	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

97	"En face" OCT imaging of the IS/OS junction line in type 2 idiopathic macular telangiectasia **2012**, 53, 6145-52		77
96	The IS/OS junction layer in the natural history of type 2 idiopathic macular telangiectasia **2012**, 53, 7889-95		59
95	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
94	The value of randomized clinical trials in ophthalmology. *American Journal of Ophthalmology*, **2011**, 151, 575-8	4.9	5
93	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
92	Ocular side effects associated with peribulbar injections of triamcinolone acetonide for diabetic macular edema. *Retina*, **2011**, 31, 284-9	3.6	26
91	Subconjunctival sirolimus in the treatment of diabetic macular edema. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2011**, 249, 1627-33	3.8	32
90	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
89	Changes in retinal sensitivity in geographic atrophy progression as measured by microperimetry **2011**, 52, 1119-26		71
88	Fatty acids and retinopathy. *New England Journal of Medicine*, **2011**, 364, 1970-1	59.2	4
87	Copy number variations in candidate genes in neovascular age-related macular degeneration **2011**, 52, 3129-35		24
86	Lipid metabolites in the pathogenesis and treatment of neovascular eye disease. *British Journal of Ophthalmology*, **2011**, 95, 1496-501	5.5	19
85	Effects of Docosahexaenoic Acid in Preventing Experimental Choroidal Neovascularization in Rodents. *Journal of Clinical & Experimental Ophthalmology*, **2011**, 2,	0	6
84	Polymorphic variations affecting response to anti-VEGF therapy in patients with exudative age-related macular degeneration. *FASEB Journal*, **2011**, 25, 969.3	0.9	
83	Treatment of geographic atrophy by the topical administration of OT-551: results of a phase II clinical trial **2010**, 51, 6131-9		91
82	Effects of medical therapies on retinopathy progression in type 2 diabetes. *New England Journal of Medicine*, **2010**, 363, 233-44	59.2	859
81	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
80	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

#	Reference	IF	Citations
79	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
78	Progression of geographic atrophy and genotype in age-related macular degeneration. *Ophthalmology*, **2010**, 117, 1554-9, 1559.e1	7.3	55
77	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
76	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
75	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
74	Preliminary assessment of celecoxib and microdiode pulse laser treatment of diabetic macular edema. *Retina*, **2010**, 30, 459-67	3.6	27
73	Relationship between photoreceptor outer segment length and visual acuity in diabetic macular edema. *Retina*, **2010**, 30, 63-70	3.6	116
72	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
71	Lack of association between thiazolidinediones and macular edema in type 2 diabetes: the ACCORD eye substudy. *JAMA Ophthalmology*, **2010**, 128, 312-8		39
70	Toll-like receptor polymorphisms and age-related macular degeneration: replication in three case-control samples **2009**, 50, 5614-8		52
69	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
68	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
67	{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
66	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
65	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
64	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
63	Familial asymptomatic macular telangiectasia type 2. *Ophthalmology*, **2009**, 116, 2422-9	7.3	60
62	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

61	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
60	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
59	Summary results and recommendations from the age-related eye disease study. *JAMA Ophthalmology*, **2009**, 127, 1678-9		35
58	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
57	Retinal precursors and the development of geographic atrophy in age-related macular degeneration. *Ophthalmology*, **2008**, 115, 1026-31	7.3	160
56	The HtrA1 promoter polymorphism, smoking, and age-related macular degeneration in multiple case-control samples. *Ophthalmology*, **2008**, 115, 1891-8	7.3	47
55	Age-related macular degeneration. *Lancet, The*, **2008**, 372, 1835-45	40	407
54	The National Eye Institute Visual Function Questionnaire in the Macular Telangiectasia (MacTel) Project **2008**, 49, 4340-6		54
53	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
52	Cardiovascular risk of celecoxib in 6 randomized placebo-controlled trials: the cross trial safety analysis. *Circulation*, **2008**, 117, 2104-13	16.7	288
51	Retinal vascular proliferation as an ocular manifestation of von Hippel-Lindau disease. *JAMA Ophthalmology*, **2008**, 126, 637-43		26
50	Ocular von Hippel-Lindau disease: clinical update and emerging treatments. *Current Opinion in Ophthalmology*, **2008**, 19, 213-7	5.1	47
49	A severity scale for diabetic macular edema developed from ETDRS data **2008**, 49, 5041-7		32
48	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
47	Heritability of the severity of diabetic retinopathy: the FIND-Eye study **2008**, 49, 3839-45		133
46	Increased dietary intake of omega-3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. *Nature Medicine*, **2007**, 13, 868-873	50.5	525
45	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
44	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

#	Citation		
43	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
42	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
41	Genome-wide linkage analyses to identify Loci for diabetic retinopathy. *Diabetes*, **2007**, 56, 1160-6	0.9	92
40	The LOC387715 polymorphism and age-related macular degeneration: replication in three case-control samples. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 1128-32		63
39	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
38	Molecular pathology of eyes with von Hippel-Lindau (VHL) Disease: a review. *Retina*, **2007**, 27, 1-7	3.6	57
37	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
36	Age-related macular degeneration and the immune response: implications for therapy. *American Journal of Ophthalmology*, **2007**, 144, 618-26	4.9	106
35	Vitamin E in the treatment of uveitis-associated macular edema. *American Journal of Ophthalmology*, **2006**, 141, 193-4	4.9	15
34	Dose-ranging study of lutein supplementation in persons aged 60 years or older. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 5227-33		54
33	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
32	Screening options for diabetic retinopathy. *Current Opinion in Ophthalmology*, **2006**, 17, 519-22	5.1	56
31	Early Termination of the Diabetes Control and Complications Trial **2006**, 93-108		
30	Nonproliferative Diabetic Retinopathy **2006**, 1271-1284		8
29	Complement factor H polymorphism in age-related macular degeneration. *Science*, **2005**, 308, 385-9	33.3	3408
28	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
27	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
26	A simplified severity scale for age-related macular degeneration: AREDS Report No. 18. *JAMA Ophthalmology*, **2005**, 123, 1570-4		557

25   Serum inflammatory markers in diabetic retinopathy. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 4295-301   216

24   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

23   Retinopathy in diabetes. *Diabetes Care*, **2004**, 27 Suppl 1, S84-7   14.6   641

22   Diabetic retinopathy. *Diabetes Care*, **2004**, 27, 2540-53   14.6   486

21   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

20   Von Hippel-Lindau gene deletion and expression of hypoxia-inducible factor and ubiquitin in optic nerve hemangioma. *Transactions of the American Ophthalmological Society*, **2004**, 102, 75-9; discussion 79-81   12

19   Diabetic retinopathy. *Diabetes Care*, **2003**, 26, 226-9   14.6   223

18   A COMPUTERIZED METHOD OF VISUAL ACUITY TESTING: ADAPTATION OF THE EARLY TREATMENT OF DIABETIC RETINOPATHY STUDY TESTING PROTOCOL. *Evidence-Based Eye Care*, **2003**, 4, 158-159   3

17   Effects of aldose reductase inhibitors and galactose withdrawal on fluorescein angiographic lesions in galactose-fed dogs. *JAMA Ophthalmology*, **2003**, 121, 1745-51   28

16   Epidemiology of diabetic retinopathy. *British Journal of Hospital Medicine*, **2003**, 64, 396-9   5

15   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

14   von Hippel-Lindau disease. *Lancet, The*, **2003**, 361, 2059-67   40   1083

13   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

12   Diabetic retinopathy. *Diabetes Care*, **2003**, 26 Suppl 1, S99-S102   14.6   169

11   Understanding the value of diabetic retinopathy screening. *JAMA Ophthalmology*, **2001**, 119, 758-60   19

10   Evidence-guided ophthalmology. *JAMA Ophthalmology*, **2001**, 119, 585-9   5

9   Results after lens extraction in patients with diabetic retinopathy: early treatment diabetic retinopathy study report number 25. *JAMA Ophthalmology*, **1999**, 117, 1600-6   107

8   Disease Management by Prevention. *Disease Management and Health Outcomes*, **1999**, 6, 279-290   1

7	Treatment of diabetic retinopathy. *New England Journal of Medicine*, **1999**, 341, 667-78	59.2	135
6	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
5	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
4	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
3	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
2	Photocoagulation for diabetic retinopathy. Early Treatment Diabetic Retinopathy Study Research Group. *JAMA - Journal of the American Medical Association*, **1991**, 266, 1263-5	27.4	8
1	Deep-learning-based Prediction of Late Age-Related Macular Degeneration Progression		1