Michael F Chiang

List of Publications by Year in Descending Order

151 papers	4,772 citations	40 h-index	64 g-index
164 ext. papers	6,224 ext. citations	4.5 avg, IF	5.65 L-index

#	Paper	IF	Citations
151	Improved training efficiency for retinopathy of prematurity deep learning models using comparison versus class labels. *Ophthalmology Science*, **2022**, 100122		
150	Emerging ethical considerations for the use of artificial intelligence in ophthalmology. *Ophthalmology Science*, **2022**, 100141		1
149	Advantages of Widefield Optical Coherence Tomography in the Diagnosis of Retinopathy of Prematurity.. *Frontiers in Pediatrics*, **2021**, 9, 797684	3.4	0
148	Assessment and management of retinopathy of prematurity in the era of anti-vascular endothelial growth factor (VEGF). *Progress in Retinal and Eye Research*, **2021**, 101018	20.5	3
147	The 2021 National Eye Institute Strategic Plan: Fostering Collaboration in Vision Research and Clinical Care. *Optometry and Vision Science*, **2021**, 98, 1228-1230	2.1	0
146	The 2021 National Eye Institute Strategic Plan-Relating Vision to Health and Quality of Life. *JAMA Ophthalmology*, **2021**,	3.9	2
145	Evaluation of a Deep Learning-Derived Quantitative Retinopathy of Prematurity Severity Scale. *Ophthalmology*, **2021**, 128, 1070-1076	7.3	9
144	Automated detection of early-stage ROP using a deep convolutional neural network. *British Journal of Ophthalmology*, **2021**, 105, 1099-1103	5.5	4
143	Identification of candidate genes and pathways in retinopathy of prematurity by whole exome sequencing of preterm infants enriched in phenotypic extremes. *Scientific Reports*, **2021**, 11, 4966	4.9	3
142	Artificial Intelligence to Reduce Ocular Health Disparities: Moving From Concept to Implementation. *Translational Vision Science and Technology*, **2021**, 10, 19	3.3	5
141	Age, Gender, and Laterality of Retinal Vascular Occlusion: A Retrospective Study from the IRIS Registry. *Ophthalmology Retina*, **2021**, 6, 161-161	3.8	3
140	Impact of Artificial Intelligence on Medical Education in Ophthalmology. *Translational Vision Science and Technology*, **2021**, 10, 14	3.3	2
139	Artificial Intelligence for Retinopathy of Prematurity Diagnosis **2021**, 141-145		
138	Addressing the Third Epidemic of Retinopathy of Prematurity Through Telemedicine and Technology: A Systematic Review. *Journal of Pediatric Ophthalmology and Strabismus*, **2021**, 58, 261-269	0.9	2
137	International Classification of Retinopathy of Prematurity, Third Edition. *Ophthalmology*, **2021**, 128, e51-e68	7.3	44
136	Deep Learning for the Diagnosis of Stage in Retinopathy of Prematurity: Accuracy and Generalizability across Populations and Cameras. *Ophthalmology Retina*, **2021**, 5, 1027-1035	3.8	7
135	Applications of Artificial Intelligence to Electronic Health Record Data in Ophthalmology. *Translational Vision Science and Technology*, **2020**, 9, 13	3.3	32

134	Artificial Intelligence in Retinopathy of Prematurity Diagnosis. *Translational Vision Science and Technology*, **2020**, 9, 5	3.3	23
133	Practice Guidelines for Ocular Telehealth-Diabetic Retinopathy, Third Edition. *Telemedicine Journal and E-Health*, **2020**, 26, 495-543	5.9	25
132	Automated and Computer-Assisted Detection, Classification, and Diagnosis of Diabetic Retinopathy. *Telemedicine Journal and E-Health*, **2020**, 26, 544-550	5.9	7
131	Artificial Intelligence for Refractive Surgery Screening: Finding the Balance Between Myopia and Hype-ropia. *JAMA Ophthalmology*, **2020**, 138, 526-527	3.9	2
130	Promoting Quality Face-to-Face Communication during Ophthalmology Encounters in the Electronic Health Record Era. *Applied Clinical Informatics*, **2020**, 11, 130-141	3.1	1
129	Aggressive Posterior Retinopathy of Prematurity: Clinical and Quantitative Imaging Features in a Large North American Cohort. *Ophthalmology*, **2020**, 127, 1105-1112	7.3	11
128	Plus Disease in Retinopathy of Prematurity: Convolutional Neural Network Performance Using a Combined Neural Network and Feature Extraction Approach. *Translational Vision Science and Technology*, **2020**, 9, 10	3.3	9
127	Evaluation of Potential Systemic Adverse Events Related to Fluorescein Angiography in Pediatric Patients. *Ophthalmology Retina*, **2020**, 4, 595-601	3.8	2
126	Evaluation of artificial intelligence-based telemedicine screening for retinopathy of prematurity. *Journal of AAPOS*, **2020**, 24, 160-162	1.3	12
125	Siamese neural networks for continuous disease severity evaluation and change detection in medical imaging. *Npj Digital Medicine*, **2020**, 3, 48	15.7	31
124	Clinical Documentation as End-User Programming **2020**, 2020,		3
123	Introduction to Machine Learning, Neural Networks, and Deep Learning. *Translational Vision Science and Technology*, **2020**, 9, 14	3.3	35
122	Development of Screening Criteria for Retinopathy of Prematurity in Ulaanbaatar, Mongolia, Using a Web-based Data Management System. *Journal of Pediatric Ophthalmology and Strabismus*, **2020**, 57, 333-339	0.9	1
121	Electronic Health Records in Ophthalmology: Source and Method of Documentation. *American Journal of Ophthalmology*, **2020**, 211, 191-199	4.9	6
120	Using electronic health record audit logs to study clinical activity: a systematic review of aims, measures, and methods. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 480-490	8.6	32
119	Smoking Is Associated with Higher Intraocular Pressure Regardless of Glaucoma: A Retrospective Study of 12.5 Million Patients Using the Intelligent Research in Sight (IRIS) Registry. *Ophthalmology Glaucoma*, **2020**, 3, 253-261	2.2	10
118	Current Challenges and Barriers to Real-World Artificial Intelligence Adoption for the Healthcare System, Provider, and the Patient. *Translational Vision Science and Technology*, **2020**, 9, 45	3.3	23
117	Artificial intelligence for retinopathy of prematurity. *Current Opinion in Ophthalmology*, **2020**, 31, 312-317	7.1	14

#	Citation	IF	Cites
116	Variability in Plus Disease Identified Using a Deep Learning-Based Retinopathy of Prematurity Severity Scale. *Ophthalmology Retina*, **2020**, 4, 1016-1021	3.8	4
115	Ranibizumab Population Pharmacokinetics and Free VEGF Pharmacodynamics in Preterm Infants With Retinopathy of Prematurity in the RAINBOW Trial. *Translational Vision Science and Technology*, **2020**, 9, 43	3.3	10
114	Military Model Proposes a Way Forward for Telehealth in Ophthalmology. *JAMA Ophthalmology*, **2020**, 138, 1061-1062	3.9	
113	Protecting Data Privacy in the Age of AI-Enabled Ophthalmology. *Translational Vision Science and Technology*, **2020**, 9, 36	3.3	16
112	Endophthalmitis after Cataract Surgery in the United States: A Report from the Intelligent Research in Sight Registry, 2013-2017. *Ophthalmology*, **2020**, 127, 151-158	7.3	50
111	Redundancy of Progress Notes for Serial Office Visits. *Ophthalmology*, **2020**, 127, 134-135	7.3	6
110	Ranibizumab versus laser therapy for the treatment of very low birthweight infants with retinopathy of prematurity (RAINBOW): an open-label randomised controlled trial. *Lancet, The*, **2019**, 394, 1551-1559	40	114
109	Automated Fundus Image Quality Assessment in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. *Ophthalmology Retina*, **2019**, 3, 444-450	3.8	31
108	Classification and comparison via neural networks. *Neural Networks*, **2019**, 118, 65-80	9.1	11
107	Making Progress Toward an Electronic Infrastructure for Ophthalmic Care. *JAMA Ophthalmology*, **2019**, 137, 975-976	3.9	
106	Deep learning in ophthalmology: The technical and clinical considerations. *Progress in Retinal and Eye Research*, **2019**, 72, 100759	20.5	163
105	Evaluation of computer-based retinopathy of prematurity (ROP) education for ophthalmology residents: a randomized, controlled, multicenter study. *Journal of AAPOS*, **2019**, 23, 86.e1-86.e7	1.3	
104	Changes in Electronic Health Record Use Time and Documentation over the Course of a Decade. *Ophthalmology*, **2019**, 126, 783-791	7.3	10
103	Time Requirements of Paper-Based Clinical Workflows and After-Hours Documentation in a Multispecialty Academic Ophthalmology Practice. *American Journal of Ophthalmology*, **2019**, 206, 161-167	4.9	4
102	Monitoring Disease Progression With a Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning. *JAMA Ophthalmology*, **2019**,	3.9	43
101	A Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning to Monitor Disease Regression After Treatment. *JAMA Ophthalmology*, **2019**,	3.9	31
100	Aggressive posterior retinopathy of prematurity in two cohorts of patients in South India: implications for primary, secondary, and tertiary prevention. *Journal of AAPOS*, **2019**, 23, 264.e1-264.e4	1.3	11
99	Training of Residents and Fellows in Retinopathy of Prematurity Around the World: An International Web-Based Survey. *Journal of Pediatric Ophthalmology and Strabismus*, **2019**, 56, 282-287	0.9	9

98	Impact of Electronic Health Record Implementation on Ophthalmology Trainee Time Expenditures. *Journal of Academic Ophthalmology (2017)*, **2019**, 11, e65-e72	0.7	1
97	Data-Driven Scheduling for Improving Patient Efficiency in Ophthalmology Clinics. *Ophthalmology*, **2019**, 126, 347-354	7.3	10
96	Retinopathy of prematurity: a review of risk factors and their clinical significance. *Survey of Ophthalmology*, **2018**, 63, 618-637	6.1	147
95	Visual impairment evaluation in 119 children with congenital Zika syndrome. *Journal of AAPOS*, **2018**, 22, 218-222.e1	1.3	22
94	Accuracy and Reliability of Eye-Based vs Quadrant-Based Diagnosis of Plus Disease in Retinopathy of Prematurity. *JAMA Ophthalmology*, **2018**, 136, 648-655	3.9	15
93	Diagnostic Accuracy of Ophthalmoscopy vs Telemedicine in Examinations for Retinopathy of Prematurity. *JAMA Ophthalmology*, **2018**, 136, 498-504	3.9	27
92	The 2016 American Academy of Ophthalmology IRIS Registry (Intelligent Research in Sight) Database: Characteristics and Methods. *Ophthalmology*, **2018**, 125, 1143-1148	7.3	58
91	Retinal Telemedicine. *Current Ophthalmology Reports*, **2018**, 6, 36-45	1.8	19
90	Adoption of Electronic Health Records and Perceptions of Financial and Clinical Outcomes Among Ophthalmologists in the United States. *JAMA Ophthalmology*, **2018**, 136, 164-170	3.9	27
89	Automated Diagnosis of Plus Disease in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. *JAMA Ophthalmology*, **2018**, 136, 803-810	3.9	246
88	Visual acuity recovery following traumatic hyphema in a pediatric population. *Journal of AAPOS*, **2018**, 22, 115-118	1.3	6
87	The genetics of retinopathy of prematurity: a model for neovascular retinal disease. *Ophthalmology Retina*, **2018**, 2, 949-962	3.8	13
86	Ophthalmic imaging in children: current practice patterns and perceived barriers. *Journal of AAPOS*, **2018**, 22, 223-225.e3	1.3	3
85	Telemedical Diagnosis of Stage 4 and Stage 5 Retinopathy of Prematurity. *Ophthalmology Retina*, **2018**, 2, 59-64	3.8	5
84	Secondary use of electronic health record data for clinical workflow analysis. *Journal of the American Medical Informatics Association: JAMIA*, **2018**, 25, 40-46	8.6	41
83	Anti-Vascular Endothelial Growth Factor and the Evolving Management Paradigm for Retinopathy of Prematurity. *Asia-Pacific Journal of Ophthalmology*, **2018**, 7, 136-144	3.5	6
82	Plus Disease in Retinopathy of Prematurity: More Than Meets the ICROP?. *Asia-Pacific Journal of Ophthalmology*, **2018**, 7, 152-155	3.5	4
81	Deep Learning for Image Quality Assessment of Fundus Images in Retinopathy of Prematurity **2018** , 2018, 1224-1232	0.7	8

80	Secondary Use of Electronic Health Record Data for Prediction of Outpatient Visit Length in Ophthalmology Clinics **2018**, 2018, 1387-1394	0.7	3
79	Evaluation of a deep learning image assessment system for detecting severe retinopathy of prematurity. *British Journal of Ophthalmology*, **2018**,	5.5	53
78	Association of the Presence of Trainees With Outpatient Appointment Times in an Ophthalmology Clinic. *JAMA Ophthalmology*, **2018**, 136, 20-26	3.9	15
77	Community-based vision health screening with on-site definitive exams: Design and outcomes. *Cogent Medicine*, **2018**, 5,	1.4	2
76	Is This the Right Reference Standard Diagnosis for Retinopathy of Prematurity?-Reply. *JAMA Ophthalmology*, **2018**, 136, 1429-1430	3.9	
75	Plus Disease in Retinopathy of Prematurity: Diagnostic Trends in 2016 Versus 2007. *American Journal of Ophthalmology*, **2017**, 176, 70-76	4.9	8
74	Reply. *Ophthalmology*, **2017**, 124, e46-e47	7.3	
73	Assessment of a Tele-education System to Enhance Retinopathy of Prematurity Training by International Ophthalmologists-in-Training in Mexico. *Ophthalmology*, **2017**, 124, 953-961	7.3	22
72	Time Requirements for Electronic Health Record Use in an Academic Ophthalmology Center. *JAMA Ophthalmology*, **2017**, 135, 1250-1257	3.9	46
71	Changes in Relative Position of Choroidal Versus Retinal Vessels in Preterm Infants **2017**, 58, 6334-6341		4
70	Handheld Optical Coherence Tomography Angiography and Ultra-Wide-Field Optical Coherence Tomography in Retinopathy of Prematurity. *JAMA Ophthalmology*, **2017**, 135, 977-981	3.9	62
69	Inconsistencies in the Diagnosis of Aggressive Posterior Retinopathy of Prematurity. *Journal of Vitreoretinal Diseases*, **2017**, 1, 181-186	0.7	2
68	Science and art in retinopathy of prematurity diagnosis. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2016**, 254, 201-2	3.8	2
67	Retinopathy of Prematurity: Imaging in retinopathy of prematurity: where are we, and where are we going?. *Journal of AAPOS*, **2016**, 20, 474-476	1.3	4
66	Diagnostic Discrepancies in Retinopathy of Prematurity Classification. *Ophthalmology*, **2016**, 123, 1795-1801	7.3	40
65	Practice Patterns in Retinopathy of Prematurity Treatment for Disease Milder Than Recommended by Guidelines. *American Journal of Ophthalmology*, **2016**, 163, 1-10	4.9	24
64	Evaluation of Screening for Retinopathy of Prematurity by ROPtool or a Lay Reader. *Ophthalmology*, **2016**, 123, 385-390	7.3	35
63	Mobile Phone Use Among Medical Residents: A Cross-Sectional Multicenter Survey in Saudi Arabia. *JMIR MHealth and UHealth*, **2016**, 4, e61	5.5	35

62	Outer Retinal Structural Alternation and Segmentation Errors in Optical Coherence Tomography Imaging in Patients With a History of Retinopathy of Prematurity. *American Journal of Ophthalmology*, **2016**, 166, 169-180	4.9	9
61	Expert Diagnosis of Plus Disease in Retinopathy of Prematurity From Computer-Based Image Analysis. *JAMA Ophthalmology*, **2016**, 134, 651-7	3.9	68
60	Characterization of errors in retinopathy of prematurity (ROP) diagnosis by ophthalmology residents. *Journal of AAPOS*, **2016**, 20, e44	1.3	3
59	Plus Disease in Retinopathy of Prematurity: Improving Diagnosis by Ranking Disease Severity and Using Quantitative Image Analysis. *Ophthalmology*, **2016**, 123, 2345-2351	7.3	43
58	Influence of Computer-Generated Mosaic Photographs on Retinopathy of Prematurity Diagnosis and Management. *JAMA Ophthalmology*, **2016**, 134, 1283-1289	3.9	6
57	Plus Disease in Retinopathy of Prematurity: A Continuous Spectrum of Vascular Abnormality as a Basis of Diagnostic Variability. *Ophthalmology*, **2016**, 123, 2338-2344	7.3	45
56	Color fundus photography versus fluorescein angiography in identification of the macular center and zone in retinopathy of prematurity. *American Journal of Ophthalmology*, **2015**, 159, 950-7.e2	4.9	20
55	Computer-Based Image Analysis for Plus Disease Diagnosis in Retinopathy of Prematurity: Performance of the "i-ROP" System and Image Features Associated With Expert Diagnosis. *Translational Vision Science and Technology*, **2015**, 4, 5	3.3	76
54	Influence of Fluorescein Angiography on the Diagnosis and Management of Retinopathy of Prematurity. *Ophthalmology*, **2015**, 122, 1601-8	7.3	52
53	The Global Education Network for Retinopathy of Prematurity (Gen-Rop): Development, Implementation, and Evaluation of A Novel Tele-Education System (An American Ophthalmological Society Thesis). *Transactions of the American Ophthalmological Society*, **2015**, 113, T2		19
52	Implementation and evaluation of a tele-education system for the diagnosis of ophthalmic disease by international trainees **2015**, 2015, 366-75	0.7	14
51	Using High-Fidelity Simulation and Eye Tracking to Characterize EHR Workflow Patterns among Hospital Physicians **2015**, 2015, 1881-9	0.7	11
50	Secondary Use of EHR Timestamp data: Validation and Application for Workflow Optimization **2015**, 2015, 1909-17	0.7	22
49	Impact of an electronic health record operating room management system in ophthalmology on documentation time, surgical volume, and staffing. *JAMA Ophthalmology*, **2014**, 132, 586-92	3.9	22
48	Challenges of ophthalmic care in the developing world. *JAMA Ophthalmology*, **2014**, 132, 640-4	3.9	75
47	Development and Evaluation of Reference Standards for Image-based Telemedicine Diagnosis and Clinical Research Studies in Ophthalmology **2014**, 2014, 1902-10	0.7	36
46	Neonatal Ophthalmology **2014**, 404-413		
45	Telehealth **2014**, 541-560		5

44	Telescreening for Retinopathy of Prematurity **2013**, 1129-1133		
43	Plus disease in retinopathy of prematurity: qualitative analysis of diagnostic process by experts. *JAMA Ophthalmology*, **2013**, 131, 1026-32	3.9	43
42	Pediatric Retinal Vascular Diseases **2013**, 1108-1128		0
41	Plus disease diagnosis in retinopathy of prematurity: vascular tortuosity as a function of distance from optic disk. *Retina*, **2013**, 33, 1700-7	3.6	22
40	Screening examination of premature infants for retinopathy of prematurity. *Pediatrics*, **2013**, 131, 189-95	7.4	435
39	The use of digital imaging in the identification of skip areas after laser treatment for retinopathy of prematurity and its implications for education and patient care. *Retina*, **2013**, 33, 2162-9	3.6	12
38	Evaluation of electronic health record implementation in ophthalmology at an academic medical center (an American Ophthalmological Society thesis). *Transactions of the American Ophthalmological Society*, **2013**, 111, 70-92		35
37	Retinopathy of prematurity residency training. *Ophthalmology*, **2012**, 119, 2644-5.e1-2	7.3	18
36	Level Sets for Retinal Vasculature Segmentation Using Seeds from Ridges and Edges from Phase Maps **2012**, 1-6		12
35	Detection of clinically significant retinopathy of prematurity using wide-angle digital retinal photography: a report by the American Academy of Ophthalmology. *Ophthalmology*, **2012**, 119, 1272-80	7.3	58
34	Evaluation of vascular disease progression in retinopathy of prematurity using static and dynamic retinal images. *American Journal of Ophthalmology*, **2012**, 153, 544-551.e2	4.9	11
33	Training fellows for retinopathy of prematurity care: a Web-based survey. *Journal of AAPOS*, **2012**, 16, 177-81	1.3	40
32	Plus disease in retinopathy of prematurity: diagnostic impact of field of view. *Retina*, **2012**, 32, 1148-55	3.6	27
31	Computer-based image analysis for plus disease diagnosis in retinopathy of prematurity. *Journal of Pediatric Ophthalmology and Strabismus*, **2012**, 49, 11-9; quiz 10, 20	0.9	58
30	Telemedicine for Retinopathy of Prematurity Diagnosis **2012**, 169-176		1
29	Accuracy of retinopathy of prematurity image-based diagnosis by pediatric ophthalmology fellows: implications for training. *Journal of AAPOS*, **2011**, 15, 573-8	1.3	42
28	Special requirements for electronic health record systems in ophthalmology. *Ophthalmology*, **2011**, 118, 1681-7	7.3	78
27	Interexpert agreement in the identification of macular location in infants at risk for retinopathy of prematurity. *JAMA Ophthalmology*, **2010**, 128, 1153-9		38

26	Telemedical diagnosis of retinopathy of prematurity: accuracy of expert versus non-expert graders. *British Journal of Ophthalmology*, **2010**, 94, 351-6	5.5	35
25	Plus disease in retinopathy of prematurity: quantitative analysis of vascular change. *American Journal of Ophthalmology*, **2010**, 150, 468-475.e2	4.9	22
24	Accuracy of retinopathy of prematurity diagnosis by retinal fellows. *Retina*, **2010**, 30, 958-65	3.6	56
23	Plus disease in retinopathy of prematurity: quantitative analysis of standard published photograph. *JAMA Ophthalmology*, **2010**, 128, 1217-20		14
22	Parental perceptions toward digital imaging and telemedicine for retinopathy of prematurity management. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2010**, 248, 141-7	3.8	20
21	Diagnostic performance of a telemedicine system for ophthalmology: advantages in accuracy and speed compared to standard care **2010**, 2010, 111-5	0.7	9
20	Systematic review of digital imaging screening strategies for retinopathy of prematurity. *Pediatrics*, **2009**, 123, e360-1; author reply e361	7.4	1
19	Telemedicine for retinopathy of prematurity diagnosis: evaluation and challenges. *Survey of Ophthalmology*, **2009**, 54, 671-85	6.1	82
18	Image analysis for retinopathy of prematurity diagnosis. *Journal of AAPOS*, **2009**, 13, 438-45	1.3	31
17	Speed of telemedicine vs ophthalmoscopy for retinopathy of prematurity diagnosis. *American Journal of Ophthalmology*, **2009**, 148, 136-42.e2	4.9	40
16	Agreement among pediatric ophthalmologists in diagnosing plus and pre-plus disease in retinopathy of prematurity. *Journal of AAPOS*, **2008**, 12, 352-6	1.3	120
15	Retinopathy of prematurity management using single-image vs multiple-image telemedicine examinations. *American Journal of Ophthalmology*, **2008**, 146, 298-309	4.9	15
14	Telemedical diagnosis of retinopathy of prematurity intraphysician agreement between ophthalmoscopic examination and image-based interpretation. *Ophthalmology*, **2008**, 115, 1222-1228.e3	7.3	83
13	Adoption and perceptions of electronic health record systems by ophthalmologists: an American Academy of Ophthalmology survey. *Ophthalmology*, **2008**, 115, 1591-7; quiz 1597.e1-5	7.3	61
12	Cost-utility analysis of telemedicine and ophthalmoscopy for retinopathy of prematurity management. *JAMA Ophthalmology*, **2008**, 126, 493-9		87
11	Plus disease in retinopathy of prematurity: development of composite images by quantification of expert opinion **2008**, 49, 4064-70		16
10	Variation in appearance of severe zone 1 retinopathy of prematurity during wide-angle contact photography. *JAMA Ophthalmology*, **2008**, 126, 736-7		13
9	Telemedical retinopathy of prematurity diagnosis: accuracy, reliability, and image quality. *JAMA Ophthalmology*, **2007**, 125, 1531-8		138

8	Interexpert agreement of plus disease diagnosis in retinopathy of prematurity. *JAMA Ophthalmology*, **2007**, 125, 875-80		204
7	Evaluation of a computer-based system for plus disease diagnosis in retinopathy of prematurity. *Ophthalmology*, **2007**, 114, e59-67	7.3	62
6	Plus disease in retinopathy of prematurity: pilot study of computer-based and expert diagnosis. *Journal of AAPOS*, **2007**, 11, 532-40	1.3	62
5	Plus disease in retinopathy of prematurity: an analysis of diagnostic performance. *Transactions of the American Ophthalmological Society*, **2007**, 105, 73-84; discussion 84-5		20
4	Accuracy and reliability of remote retinopathy of prematurity diagnosis. *JAMA Ophthalmology*, **2006**, 124, 322-7		106
3	Computer and World Wide Web accessibility by visually disabled patients: problems and solutions. *Survey of Ophthalmology*, **2005**, 50, 394-405	6.1	40
2	Representation of ophthalmology concepts by electronic systems: adequacy of controlled medical terminologies. *Ophthalmology*, **2005**, 112, 175-83	7.3	21
1	Automating Content Extraction of HTML Documents. *World Wide Web*, **2005**, 8, 179-224	2.9	50