Michael F Chiang

List of Publications by Year
in descending order

163 papers	7,627 citations	53660 45 h-index	62479 80 g-index
164 all docs	164 docs citations	164 times ranked	4434 citing authors

#	Article	IF	Citations
1	Screening Examination of Premature Infants for Retinopathy of Prematurity. Pediatrics, 2013, 131, 189-195.	1.0	528
2	Automated Diagnosis of Plus Disease in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. JAMA Ophthalmology, 2018, 136, 803.	1.4	442
3	Retinopathy of prematurity: a review of risk factors and their clinical significance. Survey of Ophthalmology, 2018, 63, 618-637.	1.7	305
4	Deep learning in ophthalmology: The technical and clinical considerations. Progress in Retinal and Eye Research, 2019, 72, 100759.	7.3	300
5	International Classification of Retinopathy of Prematurity, Third Edition. Ophthalmology, 2021, 128, e51-e68.	2.5	280
6	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.	6.3	268
7	Interexpert Agreement of Plus Disease Diagnosis in Retinopathy of Prematurity. JAMA Ophthalmology, 2007, 125, 875.	2.6	242
8	Telemedical Retinopathy of Prematurity Diagnosis. JAMA Ophthalmology, 2007, 125, 1531.	2.6	162
9	Introduction to Machine Learning, Neural Networks, and Deep Learning. Translational Vision Science and Technology, 2020, 9, 14.	1.1	146
10	Agreement among pediatric ophthalmologists in diagnosing plus and pre-plus disease in retinopathy of prematurity. Journal of AAPOS, 2008, 12, 352-356.	0.2	140
11	The 2016 American Academy of Ophthalmology IRISÂ® Registry (Intelligent Research in Sight) Database. Ophthalmology, 2018, 125, 1143-1148.	2.5	121
12	Accuracy and Reliability of Remote Retinopathy of Prematurity Diagnosis. JAMA Ophthalmology, 2006, 124, 322.	2.6	119
13	Special Requirements for Electronic Health Record Systems in Ophthalmology. Ophthalmology, 2011, 118, 1681-1687.	2.5	115
14	Endophthalmitis after Cataract Surgery in the United States. Ophthalmology, 2020, 127, 151-158.	2.5	115
15	Evaluation of a deep learning image assessment system for detecting severe retinopathy of prematurity. British Journal of Ophthalmology, 2019, 103, 580-584.	2.1	114
16	Cost-Utility Analysis of Telemedicine and Ophthalmoscopy for Retinopathy of Prematurity Management. JAMA Ophthalmology, 2008, 126, 493.	2.6	105
17	Telemedicine for Retinopathy of Prematurity Diagnosis: Evaluation and Challenges. Survey of Ophthalmology, 2009, 54, 671-685.	1.7	105
18	Computer-Based Image Analysis for Plus Disease Diagnosis in Retinopathy of Prematurity: Performance of the â€œi-ROPâ€•System and Image Features Associated With Expert Diagnosis. Translational Vision Science and Technology, 2015, 4, 5.	1.1	105

#	Article	IF	Citations
19	Telemedical Diagnosis of Retinopathy of Prematurity. Ophthalmology, 2008, 115, 1222-1228.e3.	2.5	96
20	Challenges of Ophthalmic Care in the Developing World. JAMA Ophthalmology, 2014, 132, 640.	1.4	96
21	Expert Diagnosis of Plus Disease in Retinopathy of Prematurity From Computer-Based Image Analysis. JAMA Ophthalmology, 2016, 134, 651.	1.4	95
22	Handheld Optical Coherence Tomography Angiography and Ultra–Wide-Field Optical Coherence Tomography in Retinopathy of Prematurity. JAMA Ophthalmology, 2017, 135, 977.	1.4	92
23	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.	1.1	85
24	Monitoring Disease Progression With a Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning. JAMA Ophthalmology, 2019, 137, 1022.	1.4	81
25	Plus disease in retinopathy of prematurity: Pilot study of computer-based and expert diagnosis. Journal of AAPOS, 2007, 11, 532-540.	0.2	77
26	Evaluation of a Computer-Based System for Plus Disease Diagnosis in Retinopathy of Prematurity. Ophthalmology, 2007, 114, e59-e67.	2.5	76
27	Detection of Clinically Significant Retinopathy of Prematurity Using Wide-angle Digital Retinal Photography. Ophthalmology, 2012, 119, 1272-1280.	2.5	74
28	Computer-Based Image Analysis for Plus Disease Diagnosis in Retinopathy of Prematurity. Journal of Pediatric Ophthalmology and Strabismus, 2012, 49, 11-19.	0.3	72
29	Automating Content Extraction of HTML Documents. World Wide Web, 2005, 8, 179-224.	2.7	71
30	Adoption and Perceptions of Electronic Health Record Systems by Ophthalmologists: An American Academy of Ophthalmology Survey. Ophthalmology, 2008, 115, 1591-1597.e5.	2.5	71
31	Siamese neural networks for continuous disease severity evaluation and change detection in medical imaging. Npj Digital Medicine, 2020, 3, 48.	5.7	70
32	Time Requirements for Electronic Health Record Use in an Academic Ophthalmology Center. JAMA Ophthalmology, 2017, 135, 1250.	1.4	69
33	Plus Disease in Retinopathy of Prematurity. Ophthalmology, 2016, 123, 2338-2344.	2.5	68
34	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.	2.2	66
35	ACCURACY OF RETINOPATHY OF PREMATURITY DIAGNOSIS BY RETINAL FELLOWS. Retina, 2010, 30, 958-965.	1.0	64
36	Influence of Fluorescein Angiography on the Diagnosis and Management of Retinopathy of Prematurity. Ophthalmology, 2015, 122, 1601-1608.	2.5	64

#	ARTICLE	IF	CITATIONS
37	Applications of Artificial Intelligence to Electronic Health Record Data in Ophthalmology. Translational Vision Science and Technology, 2020, 9, 13.	1.1	64
38	A Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning to Monitor Disease Regression After Treatment. JAMA Ophthalmology, 2019, 137, 1029.	1.4	63
39	Plus Disease in Retinopathy of Prematurity. Ophthalmology, 2016, 123, 2345-2351.	2.5	62
40	Plus Disease in Retinopathy of Prematurity. JAMA Ophthalmology, 2013, 131, 1026.	1.4	61
41	Diagnostic Discrepancies in Retinopathy of Prematurity Classification. Ophthalmology, 2016, 123, 1795-1801.	2.5	57
42	Mobile Phone Use Among Medical Residents: A Cross-Sectional Multicenter Survey in Saudi Arabia. JMIR MHealth and UHealth, 2016, 4, e61.	1.8	57
43	Artificial Intelligence in Retinopathy of Prematurity Diagnosis. Translational Vision Science and Technology, 2020, 9, 5.	1.1	56
44	Secondary use of electronic health record data for clinical workflow analysis. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 40-46.	2.2	55
45	Computer and World Wide Web Accessibility by Visually Disabled Patients: Problems and Solutions. Survey of Ophthalmology, 2005, 50, 394-405.	1.7	52
46	Accuracy of retinopathy of prematurity image-based diagnosis by pediatric ophthalmology fellows: Implications for training. Journal of AAPOS, 2011, 15, 573-578.	0.2	50
47	Diagnostic Accuracy of Ophthalmoscopy vs Telemedicine in Examinations for Retinopathy of Prematurity. JAMA Ophthalmology, 2018, 136, 498.	1.4	49
48	Speed of Telemedicine vs Ophthalmoscopy for Retinopathy of Prematurity Diagnosis. American Journal of Ophthalmology, 2009, 148, 136-142.e2.	1.7	47
49	Practice Guidelines for Ocular Telehealth-Diabetic Retinopathy, Third Edition. Telemedicine Journal and E-Health, 2020, 26, 495-543.	1.6	47
50	Interexpert Agreement in the Identification of Macular Location in Infants at Risk for Retinopathy of Prematurity. JAMA Ophthalmology, 2010, 128, 1153.	2.6	46
51	Automated Fundus Image Quality Assessment in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. Ophthalmology Retina, 2019, 3, 444-450.	1.2	45
52	Training fellows for retinopathy of prematurity care: A Web-based survey. Journal of AAPOS, 2012, 16, 177-181.	0.2	44
53	Adoption of Electronic Health Records and Perceptions of Financial and Clinical Outcomes Among Ophthalmologists in the United States. JAMA Ophthalmology, 2018, 136, 164.	1.4	44
54	Telemedical diagnosis of retinopathy of prematurity: accuracy of expert versus non-expert graders. British Journal of Ophthalmology, 2010, 94, 351-356.	2.1	41

#	Article	IF	Citations
55	Evaluation of a Deep Learning–Derived Quantitative Retinopathy of Prematurity Severity Scale. Ophthalmology, 2021, 128, 1070-1076.	2.5	40
56	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.	1.4	39
57	Development and Evaluation of Reference Standards for Image-based Telemedicine Diagnosis and Clinical Research Studies in Ophthalmology. AMIA ... Annual Symposium proceedings, 2014, 2014, 1902-10.	0.2	39
58	Protecting Data Privacy in the Age of AI-Enabled Ophthalmology. Translational Vision Science and Technology, 2020, 9, 36.	1.1	37
59	Image analysis for retinopathy of prematurity diagnosis. Journal of AAPOS, 2009, 13, 438-445.	0.2	36
60	Practice Patterns in Retinopathy of Prematurity Treatment for Disease Milder Than Recommended by Guidelines. American Journal of Ophthalmology, 2016, 163, 1-10.	1.7	35
61	Evaluation of Screening for Retinopathy of Prematurity by ROPtool or a Lay Reader. Ophthalmology, 2016, 123, 385-390.	2.5	35
62	Artificial intelligence for retinopathy of prematurity. Current Opinion in Ophthalmology, 2020, 31, 312-317.	1.3	34
63	Assessment and management of retinopathy of prematurity in the era of anti-vascular endothelial growth factor (VEGF). Progress in Retinal and Eye Research, 2022, 88, 101018.	7.3	34
64	Impact of an Electronic Health Record Operating Room Management System in Ophthalmology on Documentation Time, Surgical Volume, and Staffing. JAMA Ophthalmology, 2014, 132, 586.	1.4	33
65	Visual impairment evaluation in 119 children with congenital Zika syndrome. Journal of AAPOS, 2018, 22, 218-222.e1.	0.2	33
66	Assessment of a Tele-education System to Enhance Retinopathy of Prematurity Training by International Ophthalmologists-in-Training in Mexico. Ophthalmology, 2017, 124, 953-961.	2.5	32
67	Smoking Is Associated with Higher Intraocular Pressure Regardless of Glaucoma. Ophthalmology Glaucoma, 2020, 3, 253-261.	0.9	32
68	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.	1.1	31
69	Evaluation of artificial intelligence-based telemedicine screening for retinopathy of prematurity. Journal of AAPOS, 2020, 24, 160-162.	0.2	31
70	Deep Learning for the Diagnosis of Stage in Retinopathy of Prematurity. Ophthalmology Retina, 2021, 5, 1027-1035.	1.2	31
71	PLUS DISEASE IN RETINOPATHY OF PREMATURITY. Retina, 2012, 32, 1148-1155.	1.0	30
72	Retinal Telemedicine. Current Ophthalmology Reports, 2018, 6, 36-45.	0.5	28

#	Article	IF	Citations
73	Color Fundus Photography Versus Fluorescein Angiography in Identification of the Macular Center and Zone in Retinopathy of Prematurity. American Journal of Ophthalmology, 2015, 159, 950-957.e2.	1.7	27
74	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.	1.1	27
75	Aggressive Posterior Retinopathy of Prematurity. Ophthalmology, 2020, 127, 1105-1112.	2.5	27
76	Parental perceptions toward digital imaging and telemedicine for retinopathy of prematurity management. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 141-147.	1.0	25
77	Plus Disease in Retinopathy of Prematurity: Quantitative Analysis of Vascular Change. American Journal of Ophthalmology, 2010, 150, 468-475.e2.	1.7	25
78	Representation of ophthalmology concepts by electronic systems. Ophthalmology, 2005, 112, 175-183.	2.5	24
79	PLUS DISEASE DIAGNOSIS IN RETINOPATHY OF PREMATURITY. Retina, 2013, 33, 1700-1707.	1.0	23
80	Artificial Intelligence to Reduce Ocular Health Disparities: Moving From Concept to Implementation. Translational Vision Science and Technology, 2021, 10, 19.	1.1	23
81	The Global Education Network for Retinopathy of Prematurity (Gen-Rop): Development, Implementation, and Evaluation of A Novel Tele-Education System (An American Ophthalmological) Tj ETQq1 1 0.784314 rgBT /Overlock		23
82	Artificial Intelligence for Retinopathy of Prematurity. Ophthalmology, 2022, 129, e69-e76.	2.5	23
83	Accuracy and Reliability of Eye-Based vs Quadrant-Based Diagnosis of Plus Disease in Retinopathy of Prematurity. JAMA Ophthalmology, 2018, 136, 648.	1.4	22
84	Plus disease in retinopathy of prematurity: an analysis of diagnostic performance. Transactions of the American Ophthalmological Society, 2007, 105, 73-84; discussion 84-5.	1.4	22
85	Secondary Use of EHR Timestamp data: Validation and Application for Workflow Optimization. AMIA ... Annual Symposium proceedings, 2015, 2015, 1909-17.	0.2	22
86	Retinopathy of Prematurity Residency Training. Ophthalmology, 2012, 119, 2644-2645.e2.	2.5	21
87	Age, Gender, and Laterality of Retinal Vascular Occlusion: A Retrospective Study from the IRISÂ® Registry. Ophthalmology Retina, 2022, 6, 161-171.	1.2	21
88	The Genetics of Retinopathy of Prematurity: A Model for Neovascular Retinal Disease. Ophthalmology Retina, 2018, 2, 949-962.	1.2	20
89	Association of the Presence of Trainees With Outpatient Appointment Times in an Ophthalmology Clinic. JAMA Ophthalmology, 2018, 136, 20.	1.4	20
90	Impact of Artificial Intelligence on Medical Education in Ophthalmology. Translational Vision Science and Technology, 2021, 10, 14.	1.1	20

#	Article	IF	Citations
91	Retinopathy of Prematurity Management using Single-Image vs Multiple-Image Telemedicine Examinations. American Journal of Ophthalmology, 2008, 146, 298-309.e2.	1.7	19
92	Level sets for retinal vasculature segmentation using seeds from ridges and edges from phase maps. , 2012, , 1-6.		19
93	Plus Disease in Retinopathy of Prematurity: Development of Composite Images by Quantification of Expert Opinion. , 2008, 49, 4064.		18
94	Variation in Appearance of Severe Zone 1 Retinopathy of Prematurity During Wide-angle Contact Photography. JAMA Ophthalmology, 2008, 126, 736.	2.6	18
95	Classification and comparison via neural networks. Neural Networks, 2019, 118, 65-80.	3.3	18
96	Variability in Plus Disease Identified Using a Deep Learning-Based Retinopathy of Prematurity Severity Scale. Ophthalmology Retina, 2020, 4, 1016-1021.	1.2	18
97	Advantages of Widefield Optical Coherence Tomography in the Diagnosis of Retinopathy of Prematurity. Frontiers in Pediatrics, 2021, 9, 797684.	0.9	18
98	Automated detection of early-stage ROP using a deep convolutional neural network. British Journal of Ophthalmology, 2021, 105, 1099-1103.	2.1	17
99	Automated and Computer-Assisted Detection, Classification, and Diagnosis of Diabetic Retinopathy. Telemedicine Journal and E-Health, 2020, 26, 544-550.	1.6	17
100	Changes in Electronic Health Record Use Time and Documentation over the Course of a Decade. Ophthalmology, 2019, 126, 783-791.	2.5	16
101	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.	0.3	16
102	Implementation and evaluation of a tele-education system for the diagnosis of ophthalmic disease by international trainees. AMIA ... Annual Symposium proceedings, 2015, 2015, 366-75.	0.2	16
103	Plus Disease in Retinopathy of Prematurity: Quantitative Analysis of Standard Published Photograph. JAMA Ophthalmology, 2010, 128, 1217.	2.6	15
104	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.	0.2	15
105	Data-Driven Scheduling for Improving Patient Efficiency in Ophthalmology Clinics. Ophthalmology, 2019, 126, 347-354.	2.5	15
106	Federated Learning for Multicenter Collaboration in Ophthalmology. Ophthalmology Retina, 2022, 6, 650-656.	1.2	15
107	Plus Disease in Retinopathy of Prematurity: Diagnostic Trends in 2016 Versus 2007. American Journal of Ophthalmology, 2017, 176, 70-76.	1.7	14
108	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, 2162-2169.	1.0	13

#	Article	IF	Citations
109	Evaluation of Vascular Disease Progression in Retinopathy of Prematurity Using Static and Dynamic Retinal Images. American Journal of Ophthalmology, 2012, 153, 544-551.e2.	1.7	12
110	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.	1.7	12
111	Electronic Health Records in Ophthalmology: Source and Method of Documentation. American Journal of Ophthalmology, 2020, 211, 191-199.	1.7	12
112	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.	0.3	12
113	Diagnostic performance of a telemedicine system for ophthalmology: advantages in accuracy and speed compared to standard care. AMIA ... Annual Symposium proceedings, 2010, 2010, 111-5.	0.2	11
114	Using High-Fidelity Simulation and Eye Tracking to Characterize EHR Workflow Patterns among Hospital Physicians. AMIA ... Annual Symposium proceedings, 2015, 2015, 1881-9.	0.2	11
115	Visual acuity recovery following traumatic hyphema in a pediatric population. Journal of AAPOS, 2018, 22, 115-118.	0.2	10
116	Describing Retinopathy of Prematurity: Current Limitations and New Challenges. Ophthalmology, 2019, 126, 652-654.	2.5	10
117	Evaluation of Potential Systemic Adverse Events Related to Fluorescein Angiography in Pediatric Patients. Ophthalmology Retina, 2020, 4, 595-601.	1.2	9
118	Deep Learning for Image Quality Assessment of Fundus Images in Retinopathy of Prematurity. AMIA ... Annual Symposium proceedings, 2018, 2018, 1224-1232.	0.2	9
119	Influence of Computer-Generated Mosaic Photographs on Retinopathy of Prematurity Diagnosis and Management. JAMA Ophthalmology, 2016, 134, 1283.	1.4	8
120	Anti–Vascular Endothelial Growth Factor and the Evolving Management Paradigm for Retinopathy of Prematurity. Asia-Pacific Journal of Ophthalmology, 2017, 7, 136-144.	1.3	8
121	Telemedical Diagnosis of Stage 4 and Stage 5 Retinopathy of Prematurity. Ophthalmology Retina, 2018, 2, 59-64.	1.2	8
122	Clinical Documentation as End-User Programming. , 2020, 2020, .		8
123	Changes in Relative Position of Choroidal Versus Retinal Vessels in Preterm Infants. , 2017, 58, 6334.		7
124	Redundancy of Progress Notes for Serial Office Visits. Ophthalmology, 2020, 127, 134-135.	2.5	7
125	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.	1.6	7
126	Telehealth. , 2014, , 541-560.		7

#	Article	IF	Citations
127	The 2021 National Eye Institute Strategic Plan—Relating Vision to Health and Quality of Life. JAMA Ophthalmology, 2021, 139, 1263.	1.4	7
128	Emerging Ethical Considerations for the Use of Artificial Intelligence in Ophthalmology. Ophthalmology Science, 2022, 2, 100141.	1.0	7
129	Demystifying the Jargon: The Bridge between Ophthalmology and Artificial Intelligence. Ophthalmology Retina, 2019, 3, 291-293.	1.2	6
130	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.	1.7	6
131	Promoting Quality Face-to-Face Communication during Ophthalmology Encounters in the Electronic Health Record Era. Applied Clinical Informatics, 2020, 11, 130-141.	0.8	6
132	The 2021 National Eye Institute Strategic Plan: Eliminating Vision Loss and Improving Quality of Life. Ophthalmology, 2022, 129, 12-14.	2.5	6
133	Plus Disease in Retinopathy of Prematurity: More Than Meets the ICROP?. Asia-Pacific Journal of Ophthalmology, 2017, 7, 152-155.	1.3	5
134	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.	0.3	5
135	Systematic Review of Digital Imaging Screening Strategies for Retinopathy of Prematurity. Pediatrics, 2009, 123, e360-e361.	1.0	4
136	Retinopathy of Prematurity. Journal of AAPOS, 2016, 20, 474-476.	0.2	4
137	Artificial Intelligence for Refractive Surgery Screening: Finding the Balance Between Myopia and Hype-ropia. JAMA Ophthalmology, 2020, 138, 526.	1.4	4
138	The 2021 National Eye Institute Strategic Plan: Driving Innovation in Eye and Vision Research. , 2021, 62, 2.		4
139	Pediatric Retinal Vascular Diseases. , 2013, , 1108-1128.		3
140	Characterization of errors in retinopathy of prematurity (ROP) diagnosis by ophthalmology residents. Journal of AAPOS, 2016, 20, e44.	0.2	3
141	Ophthalmic imaging in children: current practice patterns and perceived barriers. Journal of AAPOS, 2018, 22, 223-225.e3.	0.2	3
142	Community-based vision health screening with on-site definitive exams: Design and outcomes. Cogent Medicine, 2018, 5, 1560641.	0.7	3
143	A Severity Score for Retinopathy of Prematurity. , 2019, , .		3
144	The 2021 National Eye Institute Strategic Plan: Fostering Collaboration in Vision Research and Clinical Care. Optometry and Vision Science, 2021, 98, 1228-1230.	0.6	3

#	Article	IF	Citations
145	Secondary Use of Electronic Health Record Data for Prediction of Outpatient Visit Length in Ophthalmology Clinics. AMIA ... Annual Symposium proceedings, 2018, 2018, 1387-1394.	0.2	3
146	Science and art in retinopathy of prematurity diagnosis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 201-202.	1.0	2
147	Inconsistencies in the Diagnosis of Aggressive Posterior Retinopathy of Prematurity. Journal of Vitreoretinal Diseases, 2017, 1, 181-186.	0.2	2
148	Impact of Electronic Health Record Implementation on Ophthalmology Trainee Time Expenditures. Journal of Academic Ophthalmology (2017), 2019, 11, e65-e72.	0.2	2
149	The 2021 National Eye Institute Strategic Plan: Recruiting and Training a Diverse New Generation. American Journal of Ophthalmology, 2022, 233, A1-A4.	1.7	2
150	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.	0.2	1
151	Artificial Intelligence for Retinopathy of Prematurity Diagnosis. , 2021, , 141-145.		1
152	Telemedicine for Retinopathy of Prematurity Diagnosis. , 2012, , 169-176.		1
153	Retinopathy of prematurity classification updates: possible implications for treatment. Journal of AAPOS, 2022, 26, 109-112.	0.2	1
154	Current Management of Retinopathy of Prematurity. Current Treatment Options in Pediatrics, 2022, 8, 246-261.	0.2	1
155	Telescreening for Retinopathy of Prematurity. , 2013, , 1129-1133.		0
156	Reply. Ophthalmology, 2017, 124, e46-e47.	2.5	0
157	Is This the Right Reference Standard Diagnosis for Retinopathy of Prematurity?â€"Reply. JAMA Ophthalmology, 2018, 136, 1429.	1.4	0
158	Making Progress Toward an Electronic Infrastructure for Ophthalmic Care. JAMA Ophthalmology, 2019, 137, 975.	1.4	0
159	Military Model Proposes a Way Forward for Telehealth in Ophthalmology. JAMA Ophthalmology, 2020, 138, 1061.	1.4	0
160	Automated ROP Diagnostic System based on Comparisons and U-Net Segmentation. , 2021, , .		0
161	Neonatal Ophthalmology. , 2014, , 404-413.		0
162	Improved training efficiency for retinopathy of prematurity deep learning models using comparison versus class labels. Ophthalmology Science, 2022, , 100122.	1.0	0

#	Article	IF	Citations
163	Spectral Ranking Regression. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-38.	2.5	0