Amani A Fawzi

List of Publications by Year in Descending Order

214 papers	5,857 citations	39 h-index	68 g-index
227 ext. papers	7,232 ext. citations	3.8 avg, IF	6.21 L-index

#	Paper	IF	Citations
214	Navigating the White Dot Syndromes with Optical Coherence Tomography (OCT) and OCT Angiography (OCT-A).. *Ocular Immunology and Inflammation*, **2022**, 1-11	2.8	0
213	Review for Diagnostics of the Year: Inflammatory Choroidal Neovascularization - Imaging Update.. *Ocular Immunology and Inflammation*, **2022**, 1-7	2.8	
212	Acute Macular Neuroretinopathy and Paracentral Acute Middle Maculopathy **2022**, 3217-3227		
211	Limited hyperoxia-induced proliferative retinopathy: A model of persistent retinal vascular dysfunction, preretinal fibrosis and hyaloidal vascular reprogramming for retinal rescue.. *PLoS ONE*, **2022**, 17, e0267576	3.7	0
210	Presumed retinal pericapillary astrocytic hamartoma: multimodal imaging findings of a novel hamartomatous lesion. *British Journal of Ophthalmology*, **2021**, 105, 1711-1715	5.5	
209	Early-stage macular telangiectasia type 2 vascular abnormalities are associated with interdigitation zone disruption. *PLoS ONE*, **2021**, 16, e0259811	3.7	0
208	Exploring the Relationship Between Multilayered Choroidal Neovascularization and Choriocapillaris Flow Deficits in AMD **2021**, 62, 12		0
207	Re: Bontzos et al.: Nonresponders to Ranibizumab Anti-VEGF Treatment Are Actually Short-term Responders: A Prospective Spectral-Domain OCT Study (Ophthalmol Retina. 2020;4:1138-1145). *Ophthalmology Retina*, **2021**, 5, e3	3.8	
206	Assessment of retinal microvascular health by optical coherence tomography angiography among persons with HIV. *Aids*, **2021**, 35, 1321-1324	3.5	4
205	AI-based monitoring of retinal fluid in disease activity and under therapy. *Progress in Retinal and Eye Research*, **2021**, 100972	20.5	5
204	Deliberations of an International Panel of Experts on OCT Angiography Nomenclature of Neovascular Age-Related Macular Degeneration. *Ophthalmology*, **2021**, 128, 1109-1112	7.3	7
203	Macrophage-Like Cell Density Is Increased in Proliferative Diabetic Retinopathy Characterized by Optical Coherence Tomography Angiography **2021**, 62, 2		9
202	Diagnostic and Therapeutic Challenges. *Retina*, **2021**, 41, 1780-1785	3.6	
201	AOSLO imaging in poppers maculopathy shows high resolution loss of central macular cones. *American Journal of Ophthalmology Case Reports*, **2021**, 23, 101166	1.3	1
200	Diabetic macular ischaemia- a new therapeutic target?. *Progress in Retinal and Eye Research*, **2021**, 101032	20.5	3
199	Reversed Neurovascular Coupling on Optical Coherence Tomography Angiography Is the Earliest Detectable Abnormality before Clinical Diabetic Retinopathy. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
198	Caffeine Delays Retinal Neurovascular Coupling during Dark to Light Adaptation in Healthy Eyes Revealed by Optical Coherence Tomography Angiography **2020**, 61, 37		2

197	Acute Hyperglycemia Reverses Neurovascular Coupling During Dark to Light Adaptation in Healthy Subjects on Optical Coherence Tomography Angiography **2020**, 61, 38		6
196	Spectrally dependent roll-off in visible-light optical coherence tomography. *Optics Letters*, **2020**, 45, 2680-2683	3	
195	Superficial capillary perfusion on optical coherence tomography angiography differentiates moderate and severe nonproliferative diabetic retinopathy. *PLoS ONE*, **2020**, 15, e0240064	3.7	9
194	949. Use of Optical Coherence Tomography Angiography to Assess Microvascular Health Among Persons with HIV: Employing the Retina as a Convenient Window. *Open Forum Infectious Diseases*, **2020**, 7, S507-S507	1	
193	Explainable Deep Learning for Biomarker Classification of OCT Images **2020**,		1
192	Acute Macular Neuroretinopathy and Paracentral Acute Middle Maculopathy **2020**, 1-11		
191	Imaging of Retinal Vascular Disease. *Retina Atlas*, **2020**, 107-125	0	
190	Diabetic Retinopathy Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P66-P145	7.3	113
189	Retinal Vein Occlusions Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P288-P320	7.3	15
188	Idiopathic Epiretinal Membrane and Vitreomacular Traction Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P145-P183	7.3	6
187	Age-Related Macular Degeneration Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P1-P65	7.3	76
186	Idiopathic Macular Hole Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P184-P222	7.3	4
185	Rationale for American Society of Retina Specialists Best Practice Recommendations for Conducting Vitreoretinal Surgery during the COVID-19 Era. *Journal of Vitreoretinal Diseases*, **2020**, 4, 420-429	0.7	1
184	Reply. *Ophthalmology*, **2020**, 127, e60	7.3	
183	Optic nerve head reactive retinal astrocytic tumor treated with photodynamic therapy. *American Journal of Ophthalmology Case Reports*, **2020**, 19, 100827	1.3	0
182	Perivenular Capillary Loss: An Early, Quantifiable Change in Macular Telangiectasia Type 2. *Translational Vision Science and Technology*, **2020**, 9, 5	3.3	0
181	Topographic Relationship between Telangiectasia and Cone Mosaic Disruption in Macular Telangiectasia Type 2. *Journal of Clinical Medicine*, **2020**, 9,	5.1	1
180	Posterior Vitreous Detachment, Retinal Breaks, and Lattice Degeneration Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P146-P181	7.3	10

179	Retinal and Ophthalmic Artery Occlusions Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P259-P287	7.3	37
178	Overlap between telangiectasia and photoreceptor loss increases with progression of macular telangiectasia type 2. *PLoS ONE*, **2019**, 14, e0224393	3.7	7
177	Imaging and Biomarkers in Diabetic Macular Edema and Diabetic Retinopathy. *Current Diabetes Reports*, **2019**, 19, 95	5.6	37
176	Designing visible-light optical coherence tomography towards clinics. *Quantitative Imaging in Medicine and Surgery*, **2019**, 9, 769-781	3.6	11
175	Parafoveal vessel changes in primary open-angle glaucoma and normal-tension glaucoma using optical coherence tomography angiography. *Clinical Ophthalmology*, **2019**, 13, 1935-1945	2.5	2
174	Earliest Evidence of Preclinical Diabetic Retinopathy Revealed Using Optical Coherence Tomography Angiography Perfused Capillary Density. *American Journal of Ophthalmology*, **2019**, 203, 103-115	4.9	65
173	Projection resolved optical coherence tomography angiography to distinguish flow signal in retinal angiomatous proliferation from flow artifact. *PLoS ONE*, **2019**, 14, e0217109	3.7	10
172	Progression of subclinical choroidal neovascularization in age-related macular degeneration. *PLoS ONE*, **2019**, 14, e0217805	3.7	24
171	Improved Macular Capillary Flow on Optical Coherence Tomography Angiography After Panretinal Photocoagulation for Proliferative Diabetic Retinopathy. *American Journal of Ophthalmology*, **2019**, 206, 217-227	4.9	29
170	Progression characteristics of ellipsoid zone loss in macular telangiectasia type 2. *Acta Ophthalmologica*, **2019**, 97, e998-e1005	3.7	15
169	An overview of optical coherence tomography angiography and the posterior pole. *Therapeutic Advances in Ophthalmology*, **2019**, 11, 2515841419840249	2	15
168	Parafoveal vessel loss and correlation between peripapillary vessel density and cognitive performance in amnestic mild cognitive impairment and early Alzheimer's Disease on optical coherence tomography angiography. *PLoS ONE*, **2019**, 14, e0214685	3.7	51
167	Retinal Blood Velocity and Flow in Early Diabetes and Diabetic Retinopathy Using Adaptive Optics Scanning Laser Ophthalmoscopy. *Journal of Clinical Medicine*, **2019**, 8,	5.1	24
166	Exploring the relationship between collaterals and vessel density in retinal vein occlusions using optical coherence tomography angiography. *PLoS ONE*, **2019**, 14, e0215790	3.7	7
165	Characterization of Inner Retinal Hyperreflective Alterations in Early Cognitive Impairment on Adaptive Optics Scanning Laser Ophthalmoscopy **2019**, 60, 3527-3536		12
164	Speckle reduction in visible-light optical coherence tomography using scan modulation. *Neurophotonics*, **2019**, 6, 041107	3.9	15
163	Drusen diagnosis comparison between hyper-spectral and color retinal images. *Biomedical Optics Express*, **2019**, 10, 914-931	3.5	3
162	Hemodynamic Response of the Three Macular Capillary Plexuses in Dark Adaptation and Flicker Stimulation Using Optical Coherence Tomography Angiography **2019**, 60, 694-703		22

161	Optical coherence tomography angiography reveals progressive worsening of retinal vascular geometry in diabetic retinopathy and improved geometry after panretinal photocoagulation. *PLoS ONE*, **2019**, 14, e0226629	3.7	6
160	Vertical Hyperreflective Lesions on Optical Coherence Tomography in Vitreoretinal Lymphoma. *JAMA Ophthalmology*, **2019**, 137, 194-198	3.9	29
159	CHARACTERIZATION AND CORRELATION OF "JAMPOL DOTS" ON ADAPTIVE OPTICS WITH FOVEAL GRANULARITY ON CONVENTIONAL FUNDUS IMAGING. *Retina*, **2019**, 39, 235-246	3.6	14
158	MULTILEVEL ISCHEMIA IN DISORGANIZATION OF THE RETINAL INNER LAYERS ON PROJECTION-RESOLVED OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. *Retina*, **2019**, 39, 1588-1594	3.6	19
157	MULTIMODAL IMAGING OF ACUTE EXUDATIVE POLYMORPHOUS VITELLIFORM MACULOPATHY WITH OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY AND ADAPTIVE OPTICS SCANNING LASER OPHTHALMOSCOPY. *Retinal Cases and Brief Reports*, **2019**, 13, 195-198	1.1	3
156	Acute macular neuroretinopathy associated with influenza vaccination with decreased flow at the deep capillary plexus on OCT angiography. *American Journal of Ophthalmology Case Reports*, **2018**, 10, 96-100	1.3	33
155	OCT Angiography Imaging in Serpiginous Choroidopathy. *Ophthalmology Retina*, **2018**, 2, 351-359	3.8	13
154	OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN ADULT-ONSET FOVEOMACULAR VITELLIFORM DYSTROPHY. *Retina*, **2018**, 38, 600-605	3.6	7
153	CHARACTERIZING PHOTORECEPTOR CHANGES IN ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY USING ADAPTIVE OPTICS. *Retina*, **2018**, 38, 39-48	3.6	16
152	RETINAL CAPILLARY DENSITY IN PATIENTS WITH BIRDSHOT CHORIORETINOPATHY. *Retina*, **2018**, 38, 387-394	3.6	15
151	RESIDUAL CHOROIDAL VESSELS IN ATROPHY CAN MASQUERADE AS CHOROIDAL NEOVASCULARIZATION ON OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY: Introducing a Clinical and Software Approach. *Retina*, **2018**, 38, 1289-1300	3.6	18
150	Projection-Resolved OCT Angiography of Microvascular Changes in Paracentral Acute Middle Maculopathy and Acute Macular Neuroretinopathy **2018**, 59, 2913-2922		47
149	Human Parafoveal Capillary Vascular Anatomy and Connectivity Revealed by Optical Coherence Tomography Angiography **2018**, 59, 3858-3867		68
148	Importance of Considering the Middle Capillary Plexus on OCT Angiography in Diabetic Retinopathy **2018**, 59, 2167-2176		69
147	Volume-Rendered Projection-Resolved OCT Angiography: 3D Lesion Complexity Is Associated With Therapy Response in Wet Age-Related Macular Degeneration **2018**, 59, 1944-1952		16
146	Visible-light optical coherence tomography oximetry based on circumpapillary scan and graph-search segmentation. *Biomedical Optics Express*, **2018**, 9, 3640-3652	3.5	13
145	Endothelin-1 is associated with fibrosis in proliferative diabetic retinopathy membranes. *PLoS ONE*, **2018**, 13, e0191285	3.7	12
144	Visualizing Structure and Vascular Interactions: Macular Nonperfusion in Three Capillary Plexuses. *Ophthalmic Surgery Lasers and Imaging Retina*, **2018**, 49, e182-e190	1.4	4

143	Comparison of Zeiss Cirrus and Optovue RTVue OCT Angiography Systems: A Quantitative and Qualitative Approach Examining the Three Capillary Networks in Diabetic Retinopathy. *Ophthalmic Surgery Lasers and Imaging Retina*, **2018**, 49, e198-e205	1.4	16
142	En Face Optical Coherence Tomography **2018**, 117-127		
141	Diagnostic and Therapeutic Challenges. *Retina*, **2018**, 38, 432-437	3.6	
140	PRESENTATION OF CENTRAL SEROUS CHORIORETINOPATHY IN TWO HUSBAND AND WIFE COUPLES. *Retinal Cases and Brief Reports*, **2018**, 12, 100-102	1.1	1
139	Prevalence of Subclinical CNV and Choriocapillaris Nonperfusion in Fellow Eyes of Unilateral Exudative AMD on OCT Angiography. *Translational Vision Science and Technology*, **2018**, 7, 19	3.3	34
138	Statistical Model of Optical Coherence Tomography Angiography Parameters That Correlate With Severity of Diabetic Retinopathy **2018**, 59, 4292-4298		48
137	Diagnostic and Therapeutic Challenges. *Retina*, **2018**, 38, 1876-1880	3.6	
136	Morphological Implications of Vascular Structures Not Visualized on Optical Coherence Tomography Angiography in Retinal Vein Occlusion. *Ophthalmic Surgery Lasers and Imaging Retina*, **2018**, 49, 392-396	1.4	5
135	Reply. *American Journal of Ophthalmology*, **2017**, 174, 180-181	4.9	
134	Keeping the Name of Acute Posterior Multifocal Placoid Pigment Epitheliopathy. *JAMA Ophthalmology*, **2017**, 135, 186	3.9	2
133	White Vitreous Deposits After Subtenon Steroid Injection: More Than Meets the Eye. *JAMA Ophthalmology*, **2017**, 135, 391-392	3.9	
132	Comparative data on SD-OCT for the retinal nerve fiber layer and retinal macular thickness in a large cohort with Marfan syndrome. *Ophthalmic Genetics*, **2017**, 38, 34-38	1.2	7
131	ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY ON OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. *Retina*, **2017**, 37, 2084-2094	3.6	42
130	Optical Coherence Tomography Angiography: Potential Artifacts in Acute Macular Neuroretinopathy. *JAMA Ophthalmology*, **2017**, 135, 675-676	3.9	16
129	Serum Phosphate and Retinal Microvascular Changes: The Multi-Ethnic Study of Atherosclerosis and the Beaver Dam Eye Study. *Ophthalmic Epidemiology*, **2017**, 24, 371-380	1.9	4
128	Anterior Segment Optical Coherence Tomography Angiography for Identification of Iris Vasculature and Staging of Iris Neovascularization: A Pilot Study. *Current Eye Research*, **2017**, 42, 1136-1142	2.9	39
127	Bayer Filter Snapshot Hyperspectral Fundus Camera for Human Retinal Imaging. *Current Eye Research*, **2017**, 42, 629-635	2.9	16
126	OCT angiography and visible-light OCT in diabetic retinopathy. *Vision Research*, **2017**, 139, 191-203	2.1	42

125	Diagnostic and Therapeutic Challenges. *Retina*, **2017**, 37, 1209-1214	3.6	2
124	Adaptive Optics Scanning Laser Ophthalmoscopy and Multimodal Imaging of Peau D@range in Pseudoxanthoma Elasticum. *Ophthalmic Surgery Lasers and Imaging Retina*, **2017**, 48, 436-440	1.4	1
123	Visualization of Photoreceptors in Birdshot Chorioretinopathy Using Adaptive Optics Scanning Laser Ophthalmoscopy: A Pilot Study. *Ocular Immunology and Inflammation*, **2017**, 25, 610-620	2.8	3
122	Consensus on Optical Coherence Tomographic Angiography Nomenclature: Do We Need to Develop and Learn a New Language?. *JAMA Ophthalmology*, **2017**, 135, 377-378	3.9	14
121	Optical Coherence Tomographic Angiography Imaging in Age-Related Macular Degeneration. *Ophthalmology and Eye Diseases*, **2017**, 9, 1179172116686075		31
120	Adaptive Optics Reveals Photoreceptor Abnormalities in Diabetic Macular Ischemia. *PLoS ONE*, **2017**, 12, e0169926	3.7	62
119	Peripapillary retinal splitting visualized on OCT in glaucoma and glaucoma suspect patients. *PLoS ONE*, **2017**, 12, e0182816	3.7	12
118	LONGITUDINAL QUANTITATIVE EVALUATION OF OUTER RETINAL LESIONS IN ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY USING OPTICAL COHERENCE TOMOGRAPHY. *Retina*, **2017**, 37, 851-857	3.6	13
117	SEMIAUTOMATED QUANTITATIVE APPROACH TO CHARACTERIZE TREATMENT RESPONSE IN NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: A Real-World Study. *Retina*, **2017**, 37, 1492-1498	3.6	26
116	ASSESSMENT OF RETINAL BLOOD FLOW IN DIABETIC RETINOPATHY USING DOPPLER FOURIER-DOMAIN OPTICAL COHERENCE TOMOGRAPHY. *Retina*, **2017**, 37, 2001-2007	3.6	23
115	Correspondence. *Retinal Cases and Brief Reports*, **2017**, 11, e3	1.1	
114	Choriocapillaris Nonperfusion is Associated With Poor Visual Acuity in Eyes With Reticular Pseudodrusen. *American Journal of Ophthalmology*, **2017**, 174, 42-55	4.9	83
113	Macular Effects of Silicone Oil Tamponade: Optical Coherence Tomography Findings During and After Silicone Oil Removal. *Current Eye Research*, **2017**, 42, 98-103	2.9	11
112	Snapshot hyperspectral retinal imaging using compact spectral resolving detector array. *Journal of Biophotonics*, **2017**, 10, 830-839	3.1	17
111	Optical coherence tomography angiography of retinal vascular occlusions produced by imaging-guided laser photocoagulation. *Biomedical Optics Express*, **2017**, 8, 3571-3582	3.5	15
110	Retinal oximetry in humans using visible-light optical coherence tomography [Invited]. *Biomedical Optics Express*, **2017**, 8, 1415-1429	3.5	39
109	Quantifying Microvascular Abnormalities With Increasing Severity of Diabetic Retinopathy Using Optical Coherence Tomography Angiography **2017**, 58, BIO307-BIO315		185
108	Photoreceptor oxidative stress in hyperoxia-induced proliferative retinopathy accelerates rd8 degeneration. *PLoS ONE*, **2017**, 12, e0180384	3.7	9

107	Quantitative Analysis of En Face Spectral-Domain Optical Coherence Tomography Imaging in Polypoidal Choroidal Vasculopathy. *Ophthalmic Surgery Lasers and Imaging Retina*, **2017**, 48, 126-133	1.4	4
106	Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. *Ophthalmology*, **2016**, 123, 2248-54	7.3	209
105	Macular sub-layer thinning and association with pulmonary function tests in Amyotrophic Lateral Sclerosis. *Scientific Reports*, **2016**, 6, 29187	4.9	23
104	LOSS OF EXTERNAL LIMITING MEMBRANE INTEGRITY PREDICTS PROGRESSION OF HYDROXYCHLOROQUINE RETINAL TOXICITY AFTER DRUG DISCONTINUATION. *Retina*, **2016**, 36, 1951-1957	3.6	9
103	DISCORDANCE BETWEEN BLUE-LIGHT AUTOFLUORESCENCE AND NEAR-INFRARED AUTOFLUORESCENCE IN AGE-RELATED MACULAR DEGENERATION. *Retina*, **2016**, 36 Suppl 1, S137-S146	3.6	16
102	Reply. *Journal of AAPOS*, **2016**, 20, 286-7	1.3	
101	Dual-band optical coherence tomography using a single supercontinuum laser source. *Journal of Biomedical Optics*, **2016**, 21, 66013	3.5	23
100	Multimodal Imaging and Choroidal Volumetric Changes After Half-fluence PDT in Central Serous Chorioretinopathy. *Current Eye Research*, **2016**, 41, 97-106	2.9	7
99	New associations of classic acute macular neuroretinopathy. *British Journal of Ophthalmology*, **2016** , 100, 389-94	5.5	51
98	A case of recurrent, self-inflicted handheld laser retinopathy. *Journal of AAPOS*, **2016**, 20, 168-70	1.3	16
97	Structure-function Relationships in Uveitic Cystoid Macular Edema: Using En Face Optical Coherence Tomography to Predict Vision. *Ocular Immunology and Inflammation*, **2016**, 24, 274-81	2.8	9
96	Ex Vivo Confocal Spectroscopy of Autofluorescence in Age-Related Macular Degeneration. *PLoS ONE*, **2016**, 11, e0162869	3.7	2
95	Hyperoxia-Induced Proliferative Retinopathy: Early Interruption of Retinal Vascular Development with Severe and Irreversible Neurovascular Disruption. *PLoS ONE*, **2016**, 11, e0166886	3.7	14
94	Long-Term Evaluation of MEK Inhibitor Retinal Toxicity With Multimodal Imaging. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 76-7	1.4	7
93	Adaptive Optics Imaging in Laser Pointer Maculopathy. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 782-5	1.4	5
92	Fundus Autofluorescence Patterns of Submacular Fluid Resolution Following Repair of Macula-Involving Rhegmatogenous Retinal Detachments. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 1020-1029	1.4	1
91	Visible-Light Optical Coherence Tomography Angiography for Monitoring Laser-Induced Choroidal Neovascularization in Mice **2016**, 57, OCT86-95		22
90	Diagnostic and Therapeutic Challenges. *Retina*, **2016**, 36, 221-6	3.6	

89	Diagnostic and Therapeutic Challenges. *Retina*, **2016**, 36, 1403-7	3.6	
88	CHARACTERIZATION OF THE MIDDLE CAPILLARY PLEXUS USING OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN HEALTHY AND DIABETIC EYES. *Retina*, **2016**, 36, 2039-2050	3.6	119
87	LONGITUDINAL QUANTITATIVE EVALUATION OF PHOTORECEPTOR VOLUME FOLLOWING REPAIR OF MACULA-OFF RETINAL DETACHMENT. *Retina*, **2016**, 36, 1432-8	3.6	6
86	Deep Retinal Capillary Nonperfusion Is Associated With Photoreceptor Disruption in Diabetic Macular Ischemia. *American Journal of Ophthalmology*, **2016**, 168, 129-138	4.9	148
85	Dissociations of the Fluocinolone Acetonide Implant: The Multicenter Uveitis Steroid Treatment (MUST) Trial and Follow-up Study. *American Journal of Ophthalmology*, **2016**, 164, 29-36	4.9	17
84	Retinal nerve fiber layer thickness in amnestic mild cognitive impairment: Case-control study and meta-analysis. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2016**, 4, 85-93	5.2	36
83	Association of Diabetic Macular Nonperfusion With Outer Retinal Disruption on Optical Coherence Tomography. *JAMA Ophthalmology*, **2015**, 133, 1036-44	3.9	84
82	Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. *Ophthalmology*, **2015**, 122, 1547-54	7.3	183
81	Spectrum of Retinal Vascular Diseases Associated With Paracentral Acute Middle Maculopathy. *American Journal of Ophthalmology*, **2015**, 160, 26-34.e1	4.9	134
80	Fourteen patients with fifty-eight eyes-reply. *JAMA Ophthalmology*, **2015**, 133, 357-8	3.9	
79	Factors Predicting Visual Acuity Outcome in Intermediate, Posterior, and Panuveitis: The Multicenter Uveitis Steroid Treatment (MUST) Trial. *American Journal of Ophthalmology*, **2015**, 160, 1133-1141.e9	4.9	25
78	Outcome of Treatment of Uveitic Macular Edema: The Multicenter Uveitis Steroid Treatment Trial 2-Year Results. *Ophthalmology*, **2015**, 122, 2351-9	7.3	54
77	Inner retinal oxygen metabolism in the 50/10 oxygen-induced retinopathy model. *Scientific Reports*, **2015**, 5, 16752	4.9	27
76	A Validated Phenotyping Algorithm for Genetic Association Studies in Age-related Macular Degeneration. *Scientific Reports*, **2015**, 5, 12875	4.9	4
75	A Mouse Model for Laser-induced Choroidal Neovascularization. *Journal of Visualized Experiments*, **2015**, e53502	1.6	30
74	Human retinal imaging using visible-light optical coherence tomography guided by scanning laser ophthalmoscopy. *Biomedical Optics Express*, **2015**, 6, 3701-13	3.5	48
73	Reply: To PMID 25322466. *Retina*, **2015**, 35, e68-9	3.6	
72	Idiopathic multifocal choroiditis/punctate inner choroidopathy with acute photoreceptor loss or dysfunction out of proportion to clinically visible lesions. *Retina*, **2015**, 35, 334-43	3.6	40

71	RETICULAR PSEUDODRUSEN ON INFRARED IMAGING ARE TOPOGRAPHICALLY DISTINCT FROM SUBRETINAL DRUSENOID DEPOSITS ON EN FACE OPTICAL COHERENCE TOMOGRAPHY. *Retina*, **2015**, 35, 2593-603	3.6	10
70	Correspondence. *Retina*, **2015**, 35, e48-9	3.6	
69	Prevention of hydroxychloroquine-related retinal toxic effects--reply. *JAMA Ophthalmology*, **2015**, 133, 492-3	3.9	1
68	Simultaneous optical coherence tomography angiography and fluorescein angiography in rodents with normal retina and laser-induced choroidal neovascularization. *Optics Letters*, **2015**, 40, 5782-5	3	21
67	Visible light optical coherence tomography measures retinal oxygen metabolic response to systemic oxygenation. *Light: Science and Applications*, **2015**, 4,	16.7	102
66	Ophthalmic Manifestations of Amyotrophic Lateral Sclerosis (An American Ophthalmological Society Thesis). *Transactions of the American Ophthalmological Society*, **2015**, 113, T12		17
65	Retinal Disease in Marfan Syndrome: From the Marfan Eye Consortium of Chicago. *Ophthalmic Surgery Lasers and Imaging Retina*, **2015**, 46, 936-41	1.4	7
64	A combined method to quantify the retinal metabolic rate of oxygen using photoacoustic ophthalmoscopy and optical coherence tomography. *Scientific Reports*, **2014**, 4, 6525	4.9	85
63	Retinal toxicity found in a patient with systemic lupus erythematosus prior to 5 years of treatment with hydroxychloroquine. *Rheumatology*, **2014**, 53, 2001	3.9	12
62	Diagnostic and therapeutic challenges. *Retina*, **2014**, 34, 816-20	3.6	
61	Endothelin receptor-A antagonist attenuates retinal vascular and neuroretinal pathology in diabetic mice **2014**, 55, 2516-25		27
60	Clinicopathologic report of ocular involvement in ALS patients with C9orf72 mutation. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2014**, 15, 569-80	3.6	19
59	Multimodal imaging in persistent placoid maculopathy. *JAMA Ophthalmology*, **2014**, 132, 38-49	3.9	27
58	Multimodal imaging of white and dark without pressure fundus lesions. *Retina*, **2014**, 34, 2376-87	3.6	23
57	Good visual outcome after repair of a very large macular hole with neurosensory retinal operculum. *Retinal Cases and Brief Reports*, **2014**, 8, 138-40	1.1	
56	Sildenafil attenuates vaso-obliteration and neovascularization in a mouse model of retinopathy of prematurity **2014**, 55, 1493-501		7
55	Correlation between clinical signs and optical coherence tomography with enhanced depth imaging findings in patients with birdshot chorioretinopathy. *JAMA Ophthalmology*, **2014**, 132, 929-35	3.9	39
54	A lymphatic defect causes ocular hypertension and glaucoma in mice. *Journal of Clinical Investigation*, **2014**, 124, 4320-4	15.9	117

53	A pilot quantitative study of topographic correlation between reticular pseudodrusen and the choroidal vasculature using en face optical coherence tomography. *PLoS ONE*, **2014**, 9, e92841	3.7	29
52	Role of endothelial cell and pericyte dysfunction in diabetic retinopathy: review of techniques in rodent models. *Advances in Experimental Medicine and Biology*, **2014**, 801, 669-75	3.6	20
51	Paracentral acute middle maculopathy: a new variant of acute macular neuroretinopathy associated with retinal capillary ischemia. *JAMA Ophthalmology*, **2013**, 131, 1275-87	3.9	240
50	Abnormalities of Cone and Rod Function **2013**, 899-906		2
49	Trypsin digest protocol to analyze the retinal vasculature of a mouse model. *Journal of Visualized Experiments*, **2013**, e50489	1.6	23
48	Pilot study of Doppler optical coherence tomography of retinal blood flow following laser photocoagulation in poorly controlled diabetic patients **2013**, 54, 6104-11		21
47	Progression of hydroxychloroquine toxic effects after drug therapy cessation: new evidence from multimodal imaging. *JAMA Ophthalmology*, **2013**, 131, 1187-97	3.9	78
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