Amani A Fawzi

List of Publications by Citations

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	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
213	Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. *Ophthalmology*, **2016**, 123, 2248-54	7.3	209
212	Photoacoustic ophthalmoscopy for in vivo retinal imaging. *Optics Express*, **2010**, 18, 3967-72	3.3	198
211	Quantifying Microvascular Abnormalities With Increasing Severity of Diabetic Retinopathy Using Optical Coherence Tomography Angiography **2017**, 58, BIO307-BIO315		185
210	Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. *Ophthalmology*, **2015**, 122, 1547-54	7.3	183
209	Deep Retinal Capillary Nonperfusion Is Associated With Photoreceptor Disruption in Diabetic Macular Ischemia. *American Journal of Ophthalmology*, **2016**, 168, 129-138	4.9	148
208	Syphilis: reemergence of an old adversary. *Ophthalmology*, **2006**, 113, 2074-9	7.3	140
207	Spectrum of Retinal Vascular Diseases Associated With Paracentral Acute Middle Maculopathy. *American Journal of Ophthalmology*, **2015**, 160, 26-34.e1	4.9	134
206	Bevacizumab and ranibizumab tachyphylaxis in the treatment of choroidal neovascularisation. *British Journal of Ophthalmology*, **2012**, 96, 14-20	5.5	134
205	Pilot study of optical coherence tomography measurement of retinal blood flow in retinal and optic nerve diseases **2011**, 52, 840-5		126
204	Acute macular neuroretinopathy: long-term insights revealed by multimodal imaging. *Retina*, **2012**, 32, 1500-13	3.6	119
203	CHARACTERIZATION OF THE MIDDLE CAPILLARY PLEXUS USING OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN HEALTHY AND DIABETIC EYES. *Retina*, **2016**, 36, 2039-2050	3.6	119
202	A lymphatic defect causes ocular hypertension and glaucoma in mice. *Journal of Clinical Investigation*, **2014**, 124, 4320-4	15.9	117
201	Diabetic Retinopathy Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P66-P145	7.3	113
200	Visible light optical coherence tomography measures retinal oxygen metabolic response to systemic oxygenation. *Light: Science and Applications*, **2015**, 4,	16.7	102
199	Image registration and multimodal imaging of reticular pseudodrusen **2011**, 52, 5743-8		87
198	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

197	Association of Diabetic Macular Nonperfusion With Outer Retinal Disruption on Optical Coherence Tomography. *JAMA Ophthalmology*, **2015**, 133, 1036-44	3.9	84
196	A pilot study of morphometric analysis of choroidal vasculature in vivo, using en face optical coherence tomography. *PLoS ONE*, **2012**, 7, e48631	3.7	84
195	Choriocapillaris Nonperfusion is Associated With Poor Visual Acuity in Eyes With Reticular Pseudodrusen. *American Journal of Ophthalmology*, **2017**, 174, 42-55	4.9	83
194	Progression of hydroxychloroquine toxic effects after drug therapy cessation: new evidence from multimodal imaging. *JAMA Ophthalmology*, **2013**, 131, 1187-97	3.9	78
193	Age-Related Macular Degeneration Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P1-P65	7.3	76
192	Retinal blood flow detection in diabetic patients by Doppler Fourier domain optical coherence tomography. *Optics Express*, **2009**, 17, 4061-73	3.3	70
191	Importance of Considering the Middle Capillary Plexus on OCT Angiography in Diabetic Retinopathy **2018**, 59, 2167-2176		69
190	Human Parafoveal Capillary Vascular Anatomy and Connectivity Revealed by Optical Coherence Tomography Angiography **2018**, 59, 3858-3867		68
189	A pilot study of Fourier-domain optical coherence tomography of retinal dystrophy patients. *American Journal of Ophthalmology*, **2008**, 146, 417-426	4.9	68
188	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
187	Adaptive Optics Reveals Photoreceptor Abnormalities in Diabetic Macular Ischemia. *PLoS ONE*, **2017**, 12, e0169926	3.7	62
186	Outcome of Treatment of Uveitic Macular Edema: The Multicenter Uveitis Steroid Treatment Trial 2-Year Results. *Ophthalmology*, **2015**, 122, 2351-9	7.3	54
185	Parafoveal vessel loss and correlation between peripapillary vessel density and cognitive performance in amnestic mild cognitive impairment and early Alzheimer Disease on optical coherence tomography angiography. *PLoS ONE*, **2019**, 14, e0214685	3.7	51
184	New associations of classic acute macular neuroretinopathy. *British Journal of Ophthalmology*, **2016** , 100, 389-94	5.5	51
183	Asteroid hyalosis in an autopsy population: The University of California at Los Angeles (UCLA) experience. *JAMA Ophthalmology*, **2005**, 123, 486-90		51
182	Human retinal imaging using visible-light optical coherence tomography guided by scanning laser ophthalmoscopy. *Biomedical Optics Express*, **2015**, 6, 3701-13	3.5	48
181	Statistical Model of Optical Coherence Tomography Angiography Parameters That Correlate With Severity of Diabetic Retinopathy **2018**, 59, 4292-4298		48
180	Projection-Resolved OCT Angiography of Microvascular Changes in Paracentral Acute Middle Maculopathy and Acute Macular Neuroretinopathy **2018**, 59, 2913-2922		47

179	Central serous chorioretinopathy after solid organ transplantation. *Ophthalmology*, **2006**, 113, 805-13.e5	7.3	43
178	ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY ON OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. *Retina*, **2017**, 37, 2084-2094	3.6	42
177	OCT angiography and visible-light OCT in diabetic retinopathy. *Vision Research*, **2017**, 139, 191-203	2.1	42
176	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
175	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
174	Retinal oximetry in humans using visible-light optical coherence tomography [Invited]. *Biomedical Optics Express*, **2017**, 8, 1415-1429	3.5	39
173	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
172	Imaging and Biomarkers in Diabetic Macular Edema and Diabetic Retinopathy. *Current Diabetes Reports*, **2019**, 19, 95	5.6	37
171	Spectral domain optical coherence tomography and autofluorescence in a case of acute posterior multifocal placoid pigment epitheliopathy mimicking Vogt-Koyanagi-Harada disease: case report and review of literature. *Ocular Immunology and Inflammation*, **2011**, 19, 42-7	2.8	37
170	Retinal and Ophthalmic Artery Occlusions Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P259-P287	7.3	37
169	Central serous chorioretinopathy after bone marrow transplantation. *American Journal of Ophthalmology*, **2001**, 131, 804-5	4.9	36
168	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
167	Long-term visual and anatomical outcomes following anti-VEGF monotherapy for retinal angiomatous proliferation. *British Journal of Ophthalmology*, **2010**, 94, 701-5	5.5	35
166	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
165	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
164	Horner's syndrome and dissection of the internal carotid artery after chiropractic manipulation of the neck. *American Journal of Ophthalmology*, **2001**, 131, 523-4	4.9	33
163	Optical Coherence Tomographic Angiography Imaging in Age-Related Macular Degeneration. *Ophthalmology and Eye Diseases*, **2017**, 9, 1179172116686075		31
162	A Mouse Model for Laser-induced Choroidal Neovascularization. *Journal of Visualized Experiments*, **2015**, e53502	1.6	30

161	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
160	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
159	Vertical Hyperreflective Lesions on Optical Coherence Tomography in Vitreoretinal Lymphoma. *JAMA Ophthalmology*, **2019**, 137, 194-198	3.9	29
158	Association between retinal nerve fiber layer thickness and abnormalities of vision in people with human immunodeficiency virus infection. *American Journal of Ophthalmology*, **2012**, 153, 734-42, 742.e1	4.9	28
157	Anti-VEGF therapy in proliferative diabetic retinopathy. *International Ophthalmology Clinics*, **2009**, 49, 95-107	1.7	28
156	Inner retinal oxygen metabolism in the 50/10 oxygen-induced retinopathy model. *Scientific Reports*, **2015**, 5, 16752	4.9	27
155	Endothelin receptor-A antagonist attenuates retinal vascular and neuroretinal pathology in diabetic mice **2014**, 55, 2516-25		27
154	Multimodal imaging in persistent placoid maculopathy. *JAMA Ophthalmology*, **2014**, 132, 38-49	3.9	27
153	Retinal vessel caliber among people with acquired immunodeficiency syndrome: relationships with disease-associated factors and mortality. *American Journal of Ophthalmology*, **2012**, 153, 434-444.e1	4.9	27
152	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
151	Clinical characteristics of a large choroideremia pedigree carrying a novel CHM mutation. *JAMA Ophthalmology*, **2012**, 130, 1184-9		26
150	Retinal findings in patients with Alport Syndrome: expanding the clinical spectrum. *British Journal of Ophthalmology*, **2009**, 93, 1606-11	5.5	26
149	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
148	Flicker-induced changes in retinal blood flow assessed by Doppler optical coherence tomography. *Biomedical Optics Express*, **2011**, 2, 1852	3.5	25
147	Recovery of macular pigment spectrum in vivo using hyperspectral image analysis. *Journal of Biomedical Optics*, **2011**, 16, 106008	3.5	25
146	Progression of subclinical choroidal neovascularization in age-related macular degeneration. *PLoS ONE*, **2019**, 14, e0217805	3.7	24
145	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
144	Sonoporation enhances chemotherapeutic efficacy in retinoblastoma cells in vitro **2011**, 52, 3868-73		24

143	Macular sub-layer thinning and association with pulmonary function tests in Amyotrophic Lateral Sclerosis. *Scientific Reports*, **2016**, 6, 29187	4.9	23
142	Dual-band optical coherence tomography using a single supercontinuum laser source. *Journal of Biomedical Optics*, **2016**, 21, 66013	3.5	23
141	ASSESSMENT OF RETINAL BLOOD FLOW IN DIABETIC RETINOPATHY USING DOPPLER FOURIER-DOMAIN OPTICAL COHERENCE TOMOGRAPHY. *Retina*, **2017**, 37, 2001-2007	3.6	23
140	Multimodal imaging of white and dark without pressure fundus lesions. *Retina*, **2014**, 34, 2376-87	3.6	23
139	Trypsin digest protocol to analyze the retinal vasculature of a mouse model. *Journal of Visualized Experiments*, **2013**, e50489	1.6	23
138	Visible-Light Optical Coherence Tomography Angiography for Monitoring Laser-Induced Choroidal Neovascularization in Mice **2016**, 57, OCT86-95		22
137	Hemodynamic Response of the Three Macular Capillary Plexuses in Dark Adaptation and Flicker Stimulation Using Optical Coherence Tomography Angiography **2019**, 60, 694-703		22
136	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
135	Pilot study of Doppler optical coherence tomography of retinal blood flow following laser photocoagulation in poorly controlled diabetic patients **2013**, 54, 6104-11		21
134	Flicker-induced changes in retinal blood flow assessed by Doppler optical coherence tomography. *Biomedical Optics Express*, **2011**, 2, 1852-60	3.5	20
133	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
132	Clinicopathologic report of ocular involvement in ALS patients with C9orf72 mutation. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2014**, 15, 569-80	3.6	19
131	MULTILEVEL ISCHEMIA IN DISORGANIZATION OF THE RETINAL INNER LAYERS ON PROJECTION-RESOLVED OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. *Retina*, **2019**, 39, 1588-1594	3.6	19
130	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
129	Snapshot hyperspectral retinal imaging using compact spectral resolving detector array. *Journal of Biophotonics*, **2017**, 10, 830-839	3.1	17
128	Simultaneous dual molecular contrasts provided by the absorbed photons in photoacoustic microscopy. *Optics Letters*, **2010**, 35, 4018-20	3	17
127	Ophthalmic Manifestations of Amyotrophic Lateral Sclerosis (An American Ophthalmological Society Thesis). *Transactions of the American Ophthalmological Society*, **2015**, 113, T12		17
126	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

125	Optical Coherence Tomography Angiography: Potential Artifacts in Acute Macular Neuroretinopathy. *JAMA Ophthalmology*, **2017**, 135, 675-676	3.9	16
124	Bayer Filter Snapshot Hyperspectral Fundus Camera for Human Retinal Imaging. *Current Eye Research*, **2017**, 42, 629-635	2.9	16
123	CHARACTERIZING PHOTORECEPTOR CHANGES IN ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY USING ADAPTIVE OPTICS. *Retina*, **2018**, 38, 39-48	3.6	16
122	DISCORDANCE BETWEEN BLUE-LIGHT AUTOFLUORESCENCE AND NEAR-INFRARED AUTOFLUORESCENCE IN AGE-RELATED MACULAR DEGENERATION. *Retina*, **2016**, 36 Suppl 1, S137-S146	3.6	16
121	A case of recurrent, self-inflicted handheld laser retinopathy. *Journal of AAPOS*, **2016**, 20, 168-70	1.3	16
120	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
119	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
118	Progression characteristics of ellipsoid zone loss in macular telangiectasia type 2. *Acta Ophthalmologica*, **2019**, 97, e998-e1005	3.7	15
117	An overview of optical coherence tomography angiography and the posterior pole. *Therapeutic Advances in Ophthalmology*, **2019**, 11, 2515841419840249	2	15
116	RETINAL CAPILLARY DENSITY IN PATIENTS WITH BIRDSHOT CHORIORETINOPATHY. *Retina*, **2018**, 38, 387-394	3.6	15
115	Optical coherence tomography angiography of retinal vascular occlusions produced by imaging-guided laser photocoagulation. *Biomedical Optics Express*, **2017**, 8, 3571-3582	3.5	15
114	Speckle reduction in visible-light optical coherence tomography using scan modulation. *Neurophotonics*, **2019**, 6, 041107	3.9	15
113	Retinal Vein Occlusions Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P288-P320	7.3	15
112	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
111	Imaging characteristics of dry age-related macular degeneration. *Seminars in Ophthalmology*, **2011**, 26, 156-66	2.4	14
110	Hyperoxia-Induced Proliferative Retinopathy: Early Interruption of Retinal Vascular Development with Severe and Irreversible Neurovascular Disruption. *PLoS ONE*, **2016**, 11, e0166886	3.7	14
109	CHARACTERIZATION AND CORRELATION OF "JAMPOL DOTS" ON ADAPTIVE OPTICS WITH FOVEAL GRANULARITY ON CONVENTIONAL FUNDUS IMAGING. *Retina*, **2019**, 39, 235-246	3.6	14
108	OCT Angiography Imaging in Serpiginous Choroidopathy. *Ophthalmology Retina*, **2018**, 2, 351-359	3.8	13

107	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
106	Visible-light optical coherence tomography oximetry based on circumpapillary scan and graph-search segmentation. *Biomedical Optics Express*, **2018**, 9, 3640-3652	3.5	13
105	Peripapillary retinal splitting visualized on OCT in glaucoma and glaucoma suspect patients. *PLoS ONE*, **2017**, 12, e0182816	3.7	12
104	Characterization of Inner Retinal Hyperreflective Alterations in Early Cognitive Impairment on Adaptive Optics Scanning Laser Ophthalmoscopy **2019**, 60, 3527-3536		12
103	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
102	Retinal vessel caliber among people with acquired immunodeficiency syndrome: relationships with visual function. *American Journal of Ophthalmology*, **2012**, 153, 428-433.e1	4.9	12
101	Optical coherence tomography findings in deferasirox-related maculopathy. *Retinal Cases and Brief Reports*, **2010**, 4, 229-32	1.1	12
100	In vivo snapshot hyperspectral image analysis of age-related macular degeneration. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2010**, 2010, 5363-6	0.9	12
99	Blood velocity measurement in the posterior segment of the rabbit eye using combined spectral Doppler and power Doppler ultrasound. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2010**, 248, 93-101	3.8	12
98	Early onset vitreous amyloidosis in familial amyloidotic polyneuropathy with a transthyretin Glu54Gly mutation is associated with elevated vitreous VEGF. *British Journal of Ophthalmology*, **2007**, 91, 1607-9	5.5	12
97	Endothelin-1 is associated with fibrosis in proliferative diabetic retinopathy membranes. *PLoS ONE*, **2018**, 13, e0191285	3.7	12
96	Designing visible-light optical coherence tomography towards clinics. *Quantitative Imaging in Medicine and Surgery*, **2019**, 9, 769-781	3.6	11
95	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
94	Retinal imaging with adaptive optics scanning laser ophthalmoscopy in unexplained central ring scotoma. *JAMA Ophthalmology*, **2008**, 126, 543-7		11
93	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
92	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
91	Structural and functional implications of severe foveal dystopia in epiretinal membranes. *Retina*, **2012**, 32, 340-8	3.6	10
90	Review of en-face choroidal imaging using spectral-domain optical coherence tomography. *Medical Hypothesis, Discovery, and Innovation in Ophthalmology*, **2013**, 2, 69-73	1.4	10

89	Posterior Vitreous Detachment, Retinal Breaks, and Lattice Degeneration Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P146-P181	7.3	10
88	LOSS OF EXTERNAL LIMITING MEMBRANE INTEGRITY PREDICTS PROGRESSION OF HYDROXYCHLOROQUINE RETINAL TOXICITY AFTER DRUG DISCONTINUATION. *Retina*, **2016**, 36, 1951-1957	3.6	9
87	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
86	Retinal toxicity of systemic medications. *International Ophthalmology Clinics*, **2012**, 52, 149-66	1.7	9
85	Photoreceptor oxidative stress in hyperoxia-induced proliferative retinopathy accelerates rd8 degeneration. *PLoS ONE*, **2017**, 12, e0180384	3.7	9
84	Superficial capillary perfusion on optical coherence tomography angiography differentiates moderate and severe nonproliferative diabetic retinopathy. *PLoS ONE*, **2020**, 15, e0240064	3.7	9
83	Limitation of 25-gauge vitrectomy instrumentation in highly myopic eyes. *Ophthalmic Surgery Lasers and Imaging Retina*, **2007**, 38, 437-8	1.4	9
82	Macrophage-Like Cell Density Is Increased in Proliferative Diabetic Retinopathy Characterized by Optical Coherence Tomography Angiography **2021**, 62, 2		9
81	Dark hypopyon in Streptococcus bovis endogenous endophthalmitis: clinicopathologic correlations. *Journal of Ophthalmic Inflammation and Infection*, **2010**, 1, 39-41	2.3	8
80	Presumed ocular tuberculosis presenting as a branch retinal vein occlusion in the absence of retinal vasculitis or uveitis. *British Journal of Ophthalmology*, **2007**, 91, 981-2	5.5	8
79	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
78	Overlap between telangiectasia and photoreceptor loss increases with progression of macular telangiectasia type 2. *PLoS ONE*, **2019**, 14, e0224393	3.7	7
77	OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN ADULT-ONSET FOVEOMACULAR VITELLIFORM DYSTROPHY. *Retina*, **2018**, 38, 600-605	3.6	7
76	Multimodal Imaging and Choroidal Volumetric Changes After Half-fluence PDT in Central Serous Chorioretinopathy. *Current Eye Research*, **2016**, 41, 97-106	2.9	7
75	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
74	Sildenafil attenuates vaso-obliteration and neovascularization in a mouse model of retinopathy of prematurity **2014**, 55, 1493-501		7
73	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
72	Long-Term Evaluation of MEK Inhibitor Retinal Toxicity With Multimodal Imaging. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 76-7	1.4	7

71	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
70	Acute Hyperglycemia Reverses Neurovascular Coupling During Dark to Light Adaptation in Healthy Subjects on Optical Coherence Tomography Angiography **2020**, 61, 38		6
69	Idiopathic Epiretinal Membrane and Vitreomacular Traction Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P145-P183	7.3	6
68	LONGITUDINAL QUANTITATIVE EVALUATION OF PHOTORECEPTOR VOLUME FOLLOWING REPAIR OF MACULA-OFF RETINAL DETACHMENT. *Retina*, **2016**, 36, 1432-8	3.6	6
67	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
66	Retinal dialysis and detachment in a child after airbag deployment. *Journal of AAPOS*, **2011**, 15, 203-4	1.3	5
65	The role of perinatal stress in simplex retinitis pigmentosa: evidence from surveys in Australia and the United States. *Canadian Journal of Ophthalmology*, **2001**, 36, 315-22	1.4	5
64	Adaptive Optics Imaging in Laser Pointer Maculopathy. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 782-5	1.4	5
63	AI-based monitoring of retinal fluid in disease activity and under therapy. *Progress in Retinal and Eye Research*, **2021**, 100972	20.5	5
62	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
61	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
60	A Validated Phenotyping Algorithm for Genetic Association Studies in Age-related Macular Degeneration. *Scientific Reports*, **2015**, 5, 12875	4.9	4
59	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
58	Visualizing Structure and Vascular Interactions: Macular Nonperfusion in Three Capillary Plexuses. *Ophthalmic Surgery Lasers and Imaging Retina*, **2018**, 49, e182-e190	1.4	4
57	Idiopathic Macular Hole Preferred Practice Pattern . *Ophthalmology*, **2020**, 127, P184-P222	7.3	4
56	Assessment of retinal microvascular health by optical coherence tomography angiography among persons with HIV. *Aids*, **2021**, 35, 1321-1324	3.5	4
55	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
54	Ultrasonic Doppler measurements of blood flow velocity of rabbit retinal vessels using a 45-MHz needle transducer. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2010**, 248, 675-80	3.8	3

53	Spectrally dependent roll-off in visible-light optical coherence tomography. *Optics Letters*, **2020**, 45, 2680-2683	3	3
52	Drusen diagnosis comparison between hyper-spectral and color retinal images. *Biomedical Optics Express*, **2019**, 10, 914-931	3.5	3
51	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
50	Diabetic macular ischaemia- a new therapeutic target?. *Progress in Retinal and Eye Research*, **2021**, 101032	20.5	3
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