

Steven T Bailey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,120
citations

21
h-index

44
g-index

44
ext. papers

3,766
ext. citations

5
avg. IF

5.21
L-index

#	Paper	IF	Citations
40	A deep learning network for classifying arteries and veins in montaged wide-field OCT angiograms. <i>Ophthalmology Science</i> , 2022 , 100149		0
39	An Open-Source Deep Learning Network for Reconstruction of High-Resolution OCT Angiograms of Retinal Intermediate and Deep Capillary Plexuses. <i>Translational Vision Science and Technology</i> , 2021 , 10, 13	3.3	2
38	Artificial intelligence in OCT angiography. <i>Progress in Retinal and Eye Research</i> , 2021 , 85, 100965	20.5	13
37	Comparison of Central Macular Fluid Volume With Central Subfield Thickness in Patients With Diabetic Macular Edema Using Optical Coherence Tomography Angiography. <i>JAMA Ophthalmology</i> , 2021 , 139, 734-741	3.9	3
36	Quantification of Nonperfusion Area in Montaged Widefield OCT Angiography Using Deep Learning in Diabetic Retinopathy. <i>Ophthalmology Science</i> , 2021 , 1, 100027		4
35	Plexus-specific retinal vascular anatomy and pathologies as seen by projection-resolved optical coherence tomographic angiography. <i>Progress in Retinal and Eye Research</i> , 2021 , 80, 100878	20.5	32
34	Reticular Pseudodrusen Characteristics and Associations in the Carotenoids in Age-Related Eye Disease Study 2 (CAREDS2), an Ancillary Study of the Women's Health Initiative. <i>Ophthalmology Retina</i> , 2021 , 5, 721-729	3.8	5
33	Deep learning-based signal-independent assessment of macular avascular area on 68 mm optical coherence tomography angiogram in diabetic retinopathy: a comparison to instrument-embedded software. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	1
32	Geographic Atrophy Progression Is Associated With Choriocapillaris Flow Deficits Measured With Optical Coherence Tomographic Angiography. 2021 , 62, 28		1
31	Automated diagnosis and segmentation of choroidal neovascularization in OCT angiography using deep learning. <i>Biomedical Optics Express</i> , 2020 , 11, 927-944	3.5	28
30	Optical Coherence Tomography Angiography Avascular Area Association With 1-Year Treatment Requirement and Disease Progression in Diabetic Retinopathy. <i>American Journal of Ophthalmology</i> , 2020 , 217, 268-277	4.9	6
29	Diabetic Retinopathy Preferred Practice Pattern. <i>Ophthalmology</i> , 2020 , 127, P66-P145	7.3	113
28	Age-Related Macular Degeneration Preferred Practice Pattern. <i>Ophthalmology</i> , 2020 , 127, P1-P65	7.3	76
27	DETECTION OF CLINICALLY UNSUSPECTED RETINAL NEOVASCULARIZATION WITH WIDE-FIELD OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. <i>Retina</i> , 2020 , 40, 891-897	3.6	32
26	Detection of Reduced Retinal Vessel Density in Eyes with Geographic Atrophy Secondary to Age-Related Macular Degeneration Using Projection-Resolved Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2020 , 209, 206-212	4.9	13
25	Detection of Nonexudative Choroidal Neovascularization and Progression to Exudative Choroidal Neovascularization Using OCT Angiography. <i>Ophthalmology Retina</i> , 2019 , 3, 629-636	3.8	22
24	Quantitative Evaluation of Choroidal Neovascularization under Pro Re Nata Anti-Vascular Endothelial Growth Factor Therapy with OCT Angiography. <i>Ophthalmology Retina</i> , 2018 , 2, 931-941	3.8	18

23	Plexus-Specific Detection of Retinal Vascular Pathologic Conditions with Projection-Resolved OCT Angiography. <i>Ophthalmology Retina</i> , 2018 , 2, 816-826	3.8	20
22	Automatic quantification of choroidal neovascularization lesion area on OCT angiography based on density cell-like P systems with active membranes. <i>Biomedical Optics Express</i> , 2018 , 9, 3208-3219	3.5	19
21	Maximum value projection produces better OCT angiograms than mean value projection. <i>Biomedical Optics Express</i> , 2018 , 9, 6412-6424	3.5	18
20	Classification of Choroidal Neovascularization Using Projection-Resolved Optical Coherence Tomographic Angiography 2018 , 59, 4285-4291		20
19	Optical coherence tomographic angiography of choroidal neovascularization ill-defined with fluorescein angiography. <i>British Journal of Ophthalmology</i> , 2017 , 101, 45-50	5.5	18
18	Projection-resolved optical coherence tomography angiography exhibiting early flow prior to clinically observed retinal angiomatous proliferation. <i>American Journal of Ophthalmology Case Reports</i> , 2017 , 8, 53-57	1.3	17
17	Time Requirements for Electronic Health Record Use in an Academic Ophthalmology Center. <i>JAMA Ophthalmology</i> , 2017 , 135, 1250-1257	3.9	46
16	Sensitivity and Specificity of OCT Angiography to Detect Choroidal Neovascularization. <i>Ophthalmology Retina</i> , 2017 , 1, 294-303	3.8	55
15	Reflectance-based projection-resolved optical coherence tomography angiography [Invited]. <i>Biomedical Optics Express</i> , 2017 , 8, 1536-1548	3.5	57
14	Quantification of choroidal neovascularization vessel length using optical coherence tomography angiography. <i>Journal of Biomedical Optics</i> , 2016 , 21, 76010	3.5	18
13	Visualization of 3 Distinct Retinal Plexuses by Projection-Resolved Optical Coherence Tomography Angiography in Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2016 , 134, 1411-1419	3.9	130
12	Automated Quantification of Capillary Nonperfusion Using Optical Coherence Tomography Angiography in Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2016 , 134, 367-73	3.9	252
11	Optical coherence tomography angiography of non-exudative choroidal neovascularization. <i>Yan Ke Xue Bao = Eye Science</i> , 2016 , 31, 243-245		
10	Automated registration and enhanced processing of clinical optical coherence tomography angiography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 391-401	3.6	28
9	Optical Coherence Tomography Angiography 2016 , 57, OCT27-36		219
8	Projection-resolved optical coherence tomographic angiography. <i>Biomedical Optics Express</i> , 2016 , 7, 8163-28	3.3	234
7	Optical coherence tomographic angiography of choroidal neovascularization associated with central serous chorioretinopathy. <i>JAMA Ophthalmology</i> , 2015 , 133, 1212-4	3.9	24
6	Quantitative optical coherence tomography angiography of vascular abnormalities in the living human eye. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2395-402	11.5	474

5	Automated choroidal neovascularization detection algorithm for optical coherence tomography angiography. <i>Biomedical Optics Express</i> , 2015 , 6, 3564-76	3.5	83
4	DETECTION OF NONEXUDATIVE CHOROIDAL NEOVASCULARIZATION IN AGE-RELATED MACULAR DEGENERATION WITH OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. <i>Retina</i> , 2015 , 35, 2204-11	3.6	115
3	OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY FEATURES OF DIABETIC RETINOPATHY. <i>Retina</i> , 2015 , 35, 2371-6	3.6	253
2	Advanced image processing for optical coherence tomographic angiography of macular diseases. <i>Biomedical Optics Express</i> , 2015 , 6, 4661-75	3.5	100
1	Quantitative optical coherence tomography angiography of choroidal neovascularization in age-related macular degeneration. <i>Ophthalmology</i> , 2014 , 121, 1435-44	7.3	550