Atalie C Thompson

List of Publications by Year
in descending order

50 papers	1,170 citations	516215 16 h-index	433756 31 g-index
50 all docs	50 docs citations	50 times ranked	1347 citing authors

#	ARTICLE	IF	CITATIONS
1	From Machine to Machine. Ophthalmology, 2019, 126, 513-521.	2.5	158
2	Retinal Microvascular and Neurodegenerative Changes in Alzheimerâ€™s Disease and Mild Cognitive Impairment Compared with Control Participants. Ophthalmology Retina, 2019, 3, 489-499.	1.2	151
3	Characterization of Retinal Microvascular and Choroidal Structural Changes in Parkinson Disease. JAMA Ophthalmology, 2021, 139, 182.	1.4	84
4	A Deep Learning Algorithm to Quantify Neuroretinal Rim Loss From Optic Disc Photographs. American Journal of Ophthalmology, 2019, 201, 9-18.	1.7	70
5	Human Versus Machine: Comparing a Deep Learning Algorithm to Human Gradings for Detecting Glaucoma on Fundus Photographs. American Journal of Ophthalmology, 2020, 211, 123-131.	1.7	69
6	Rates of Glaucomatous Structural and Functional Change From a Large Clinical Population: The Duke Glaucoma Registry Study. American Journal of Ophthalmology, 2021, 222, 238-247.	1.7	45
7	Correlation of OCTA and Volumetric MRI in Mild Cognitive Impairment and Alzheimer's Disease. Ophthalmic Surgery Lasers and Imaging Retina, 2019, 50, 709-718.	0.4	45
8	An Innovative Blended Preclinical Curriculum in Clinical Epidemiology and Biostatistics: Impact on Student Satisfaction and Performance. Academic Medicine, 2016, 91, 696-700.	0.8	44
9	Distinguishing language and race disparities in epilepsy surgery. Epilepsy and Behavior, 2013, 28, 444-449.	0.9	33
10	The Effect of Age on Increasing Susceptibility to Retinal Nerve Fiber Layer Loss in Glaucoma. , 2020, 61, 8.		32
11	Applications of deep learning in detection of glaucoma: A systematic review. European Journal of Ophthalmology, 2021, 31, 1618-1642.	0.7	28
12	Impact of Intraocular Pressure Control on Rates of Retinal Nerve Fiber Layer Loss in a Large Clinical Population. Ophthalmology, 2021, 128, 48-57.	2.5	28
13	Optical Coherence Tomography in Patients with Alzheimerâ€™s Disease: What Can It Tell Us?. Eye and Brain, 2021, Volume 13, 1-20.	3.8	27
14	Association of Low Luminance Questionnaire With Objective Functional Measures in Early and Intermediate Age-Related Macular Degeneration. , 2018, 59, 289.		26
15	Longitudinal Study of Visual Function in Dry Age-Related Macular Degeneration at 12 Months. Ophthalmology Retina, 2019, 3, 637-648.	1.2	26
16	Factors Associated with Repetitive Strain, and Strategies to Reduce Injury Among Breast-Imaging Radiologists. Journal of the American College of Radiology, 2014, 11, 1074-1079.	0.9	22
17	Delays in time to surgery for minorities with temporal lobe epilepsy. Epilepsia, 2014, 55, 1339-1346.	2.6	18
18	Comparison of Short- And Long-Term Variability in Standard Perimetry and Spectral Domain Optical Coherence Tomography in Glaucoma. American Journal of Ophthalmology, 2020, 210, 19-25.	1.7	18

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19	CT-Guided Wire Localization for Involved Axillary Lymph Nodes After Neo-adjuvant Chemotherapy in Patients With Initially Node-Positive Breast Cancer. Breast Journal, 2016, 22, 390-396.	0.4	17
20	Choroidal Structural Analysis in Alzheimer Disease, Mild Cognitive Impairment, and Cognitively Healthy Controls. American Journal of Ophthalmology, 2021, 223, 359-367.	1.7	17
21	Impact of Artifacts From Optical Coherence Tomography Retinal Nerve Fiber Layer and Macula Scans on Detection of Glaucoma Progression. American Journal of Ophthalmology, 2021, 221, 235-245.	1.7	16
22	Detecting Retinal Nerve Fibre Layer Segmentation Errors on Spectral Domain-Optical Coherence Tomography with a Deep Learning Algorithm. Scientific Reports, 2019, 9, 9836.	1.6	14
23	Performance of the Rule of 5 for Detecting Glaucoma Progression between Visits withÂOCT. Ophthalmology Glaucoma, 2019, 2, 319-326.	0.9	14
24	Factors Impacting Outcomes and the Time to Recovery From Malignant Glaucoma. American Journal of Ophthalmology, 2020, 209, 141-150.	1.7	14
25	Identifying Peripapillary Radial Capillary Plexus Alterations in Parkinsonâ€™s Disease Using OCT Angiography. Ophthalmology Retina, 2022, 6, 29-36.	1.2	14
26	Predicting Age From Optical Coherence Tomography Scans With Deep Learning. Translational Vision Science and Technology, 2021, 10, 12.	1.1	13
27	Why Are Patients Noncompliant With Follow-Up Recommendations After MRI-Guided Core Needle Biopsy of Suspicious Breast Lesions?. American Journal of Roentgenology, 2013, 201, 1391-1400.	1.0	12
28	Relationship between electronically measured medication adherence and vision-related quality of life in a cohort of patients with open-angle glaucoma. BMJ Open Ophthalmology, 2018, 3, e000114.	0.8	10
29	Comparison of agreement and efficiency of a swept source-optical coherence tomography device and an optical low-coherence reflectometry device for biometry measurements during cataract evaluation. Clinical Ophthalmology, 2018, Volume 12, 2245-2251.	0.9	10
30	Risk Factors Associated with Missed Diagnoses of Narrow Angles by the Van Herick Technique. Ophthalmology Glaucoma, 2018, 1, 108-114.	0.9	10
31	Predictors of appendicitis on computed tomography among cases with borderline appendix size. Emergency Radiology, 2015, 22, 385-394.	1.0	9
32	Evaluation of contrast sensitivity in patients with advanced glaucoma: comparison of two tests. British Journal of Ophthalmology, 2020, 104, 1418-1422.	2.1	9
33	Risk Factors for Earlier Reexposure of Glaucoma Drainage Devices. Journal of Glaucoma, 2017, 26, 1155-1160.	0.8	7
34	Prophylactic anterior vitrectomy during cataract surgery in eyes at increased risk for aqueous misdirection. American Journal of Ophthalmology Case Reports, 2018, 12, 24-27.	0.4	7
35	Comparing the Rule of 5 to Trend-based Analysis for Detecting Glaucoma Progression on OCT. Ophthalmology Glaucoma, 2020, 3, 414-420.	0.9	7
36	Co-Prevalence of Alzheimerâ€™s Disease and Age-Related Macular Degeneration Established by Histopathologic Diagnosis. Journal of Alzheimer's Disease, 2020, 76, 207-215.	1.2	7

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37	Spectral-Domain Optical Coherence Tomography of the Vitreopapillary Interface in Acute Nonarteritic Anterior Ischemic Optic Neuropathy. American Journal of Ophthalmology, 2018, 195, 199-208.	1.7	6
38	Association of OCT Angiography Parameters With Age in Cognitively Healthy Older Adults. Ophthalmic Surgery Lasers and Imaging Retina, 2020, 51, 706-714.	0.4	6
39	Beneath the Retinal Pigment Epithelium: Histopathologic Findings in Metastatic Extranodal Natural Killer/T-Cell Lymphoma, Nasal Type. Ocular Oncology and Pathology, 2018, 4, 388-394.	0.5	5
40	Refractive Outcomes Using Intraoperative Aberrometry for Highly Myopic, Highly Hyperopic, and Post-refractive Eyes. Journal of Refractive Surgery, 2021, 37, 609-615.	1.1	5
41	Factors Associated with Interventions after Laser Peripheral Iridotomy for Primary Angle-Closure Spectrum Diagnoses. Ophthalmology Glaucoma, 2019, 2, 192-200.	0.9	4
42	Optical Quality and Tear Film Analysis Before and After Intranasal Stimulation in Patients with Dry Eye Syndrome . Clinical Ophthalmology, 2020, Volume 14, 1987-1992.	0.9	4
43	Repeatability of Peripapillary Optical Coherence Tomography Angiography Parameters in Older Adults. Journal of Vitreoretinal Diseases, 2021, 5, 239-246.	0.2	4
44	Microphthalmia, Dermal Aplasia, and Sclerocornea Syndrome: Endoscopic Cyclophotocoagulation in the Management of Congenital Glaucoma. Journal of Glaucoma, 2018, 27, e7-e10.	0.8	2
45	Agreement Between Trend-Based and Qualitative Analysis of the Retinal Nerve Fiber Layer Thickness for Glaucoma Progression on Spectral-Domain Optical Coherence Tomography. Ophthalmology and Therapy, 2021, 10, 629-642.	1.0	2
46	Longitudinal Follow-Up of Choroidal Thickness in Central Retinal Vein Occlusion With and Without Cystoid Macular Edema. Journal of Vitreoretinal Diseases, 2018, 2, 289-296.	0.2	1
47	Reply to Correspondence. American Journal of Ophthalmology, 2020, 209, 215-216.	1.7	0
48	Reply to: "Comment on Choroidal Structural Analysis in Alzheimer Disease, Mild Cognitive Impairment, and Cognitively Healthy Controls". American Journal of Ophthalmology, 2021, 225, 208-209.	1.7	0
49	Clinical characteristics and mortality rates for suprachoroidal hemorrhage: seven-year experience at a tertiary eye center. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 949-956.	1.0	0
50	A Response to: Letter to the Editor Regarding "Agreement Between Trend-Based and Qualitative Analysis of the Retinal Nerve Fiber Layer Thickness for Glaucoma Progression on Spectral-Domain Optical Coherence Tomography". Ophthalmology and Therapy, 2022, 11, 463-464.	1.0	0