

Amitha Domalpally

List of Publications by Citations

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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.

68

papers

2,563

citations

23

h-index

50

g-index

73

ext. papers

3,156

ext. citations

5.9

avg, IF

4.76

L-index

#	Paper	IF	Citations
68	A clinical trial to maintain glycemic control in youth with type 2 diabetes. <i>New England Journal of Medicine</i> , 2012 , 366, 2247-56	59.2	614
67	Secondary analyses of the effects of lutein/zeaxanthin on age-related macular degeneration progression: AREDS2 report No. 3. <i>JAMA Ophthalmology</i> , 2014 , 132, 142-9	3.9	254
66	The Age-Related Eye Disease Study 2 (AREDS2): study design and baseline characteristics (AREDS2 report number 1). <i>Ophthalmology</i> , 2012 , 119, 2282-9	7.3	212
65	Long-term effects of ranibizumab on diabetic retinopathy severity and progression. <i>JAMA Ophthalmology</i> , 2012 , 130, 1145-52		185
64	Long-term effects of therapy with ranibizumab on diabetic retinopathy severity and baseline risk factors for worsening retinopathy. <i>Ophthalmology</i> , 2015 , 122, 367-74	7.3	127
63	Randomized trial of a home monitoring system for early detection of choroidal neovascularization home monitoring of the Eye (HOME) study. <i>Ophthalmology</i> , 2014 , 121, 535-44	7.3	126
62	Lutein/zeaxanthin for the treatment of age-related cataract: AREDS2 randomized trial report no. 4. <i>JAMA Ophthalmology</i> , 2013 , 131, 843-50	3.9	96
61	Methods and reproducibility of grading optimized digital color fundus photographs in the Age-Related Eye Disease Study 2 (AREDS2 Report Number 2) 2013 , 54, 4548-54		74
60	Progression of Geographic Atrophy in Age-related Macular Degeneration: AREDS2 Report Number 16. <i>Ophthalmology</i> , 2018 , 125, 1913-1928	7.3	71
59	Circularity index as a risk factor for progression of geographic atrophy. <i>Ophthalmology</i> , 2013 , 120, 2666-2671	7.3	58
58	Effects of intravitreal ranibizumab on retinal hard exudate in diabetic macular edema: findings from the RIDE and RISE phase III clinical trials. <i>Ophthalmology</i> , 2015 , 122, 779-86	7.3	54
57	Peripheral Retinal Changes Associated with Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2: Age-Related Eye Disease Study 2 Report Number 12 by the Age-Related Eye Disease Study 2 Optos Peripheral Retina (OPERA) Study Research Group. <i>Ophthalmology</i> , 2017 , 124, 479-487	7.3	48
56	Geographic atrophy in patients with advanced dry age-related macular degeneration: current challenges and future prospects. <i>Clinical Ophthalmology</i> , 2015 , 9, 2159-74	2.5	42
55	Randomized trial of the ForeseeHome monitoring device for early detection of neovascular age-related macular degeneration. The Home Monitoring of the Eye (HOME) study design - HOME Study report number 1. <i>Contemporary Clinical Trials</i> , 2014 , 37, 294-300	2.3	40
54	Quality issues in interpretation of optical coherence tomograms in macular diseases. <i>Retina</i> , 2009 , 29, 775-81	3.6	38
53	Insulin Sensitivity and Diabetic Kidney Disease in Children and Adolescents With Type 2 Diabetes: An Observational Analysis of Data From the TODAY Clinical Trial. <i>American Journal of Kidney Diseases</i> , 2018 , 71, 65-74	7.4	38
52	Prevalence, Risk, and Genetic Association of Reticular Pseudodrusen in Age-related Macular Degeneration: Age-Related Eye Disease Study 2 Report 21. <i>Ophthalmology</i> , 2019 , 126, 1659-1666	7.3	37

51	Evaluation of Geographic Atrophy from Color Photographs and Fundus Autofluorescence Images: Age-Related Eye Disease Study 2 Report Number 11. <i>Ophthalmology</i> , 2016 , 123, 2401-2407	7.3	34
50	Standard Care vs Corticosteroid for Retinal Vein Occlusion (SCORE) Study system for evaluation of stereoscopic color fundus photographs and fluorescein angiograms: SCORE Study Report 9. <i>JAMA Ophthalmology</i> , 2010 , 128, 1140-5		32
49	Prevalence and Severity of Artifacts in Optical Coherence Tomographic Angiograms. <i>JAMA Ophthalmology</i> , 2020 , 138, 119-126	3.9	29
48	Development of a semi-automatic segmentation method for retinal OCT images tested in patients with diabetic macular edema. <i>PLoS ONE</i> , 2013 , 8, e82922	3.7	28
47	The Standard Care vs Corticosteroid for Retinal Vein Occlusion (SCORE) study system for evaluation of optical coherence tomograms: SCORE study report 4. <i>JAMA Ophthalmology</i> , 2009 , 127, 1461-7		23
46	Baseline characteristics and response to treatment of participants with hemiretinal compared with branch retinal or central retinal vein occlusion in the standard care vs corticosteroid for retinal vein occlusion (SCORE) study: SCORE study report 14. <i>JAMA Ophthalmology</i> , 2012 , 130, 1517-24		23
45	Retinal Specialist versus Artificial Intelligence Detection of Retinal Fluid from OCT: Age-Related Eye Disease Study 2: 10-Year Follow-On Study. <i>Ophthalmology</i> , 2021 , 128, 100-109	7.3	22
44	Automated assessment of drusen using three-dimensional spectral-domain optical coherence tomography 2012 , 53, 1576-83		21
43	Evaluating the Validity of the Age-Related Eye Disease Study Grading Scale for Age-Related Macular Degeneration: AREDS2 Report 10. <i>JAMA Ophthalmology</i> , 2016 , 134, 1041-7	3.9	19
42	Natural History of Drusenoid Pigment Epithelial Detachment Associated with Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report No. 17. <i>Ophthalmology</i> , 2019 , 126, 261-273	7.3	19
41	Dissociations of the Fluocinolone Acetonide Implant: The Multicenter Uveitis Steroid Treatment (MUST) Trial and Follow-up Study. <i>American Journal of Ophthalmology</i> , 2016 , 164, 29-36	4.9	17
40	Treatment of Geographic Atrophy with Intravitreal Sirolimus: The Age-Related Eye Disease Study 2 Ancillary Study. <i>Ophthalmology Retina</i> , 2018 , 2, 441-450	3.8	15
39	Association of outer retinal layer morphology with visual acuity in patients with retinal vein occlusion: SCORE Study Report 13. <i>Eye</i> , 2012 , 26, 919-24	4.4	14
38	Optical coherence tomography evaluation in the Multicenter Uveitis Steroid Treatment (MUST) trial. <i>Ocular Immunology and Inflammation</i> , 2012 , 20, 443-7	2.8	13
37	Repeatability of retinal thickness measurements between spectral-domain and time-domain optical coherence tomography images in macular disease. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2010 , 41 Suppl, S34-41	1.4	13
36	Precursors and Development of Geographic Atrophy with Autofluorescence Imaging: Age-Related Eye Disease Study 2 Report Number 18. <i>Ophthalmology Retina</i> , 2019 , 3, 724-733	3.8	10
35	Imaging Characteristics of Choroidal Neovascular Lesions in the AREDS2-HOME Study: Report Number 4. <i>Ophthalmology Retina</i> , 2019 , 3, 326-335	3.8	10
34	Atrophy in Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 15. <i>Ophthalmology Retina</i> , 2018 , 2, 1021-1027	3.8	10

33	Deep Learning Automated Detection of Reticular Pseudodrusen from Fundus Autofluorescence Images or Color Fundus Photographs in AREDS2. <i>Ophthalmology</i> , 2020 , 127, 1674-1687	7.3	9
32	C-reactive protein and diabetic retinopathy in Chinese patients with type 2 diabetes mellitus. <i>International Journal of Ophthalmology</i> , 2016 , 9, 111-8	1.4	8
31	Pivotal Evaluation of an Artificial Intelligence System for Autonomous Detection of Referrable and Vision-Threatening Diabetic Retinopathy. <i>JAMA Network Open</i> , 2021 , 4, e2134254	10.4	8
30	Visual Acuity Outcomes after Anti-Vascular Endothelial Growth Factor Treatment for Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 19. <i>Ophthalmology Retina</i> , 2020 , 4, 3-12	3.8	8
29	Evaluation of optimized digital fundus reflex photographs for lens opacities in the age-related eye disease study 2: AREDS2 report 7 2013 , 54, 5989-94		7
28	Quantification of Geographic Atrophy Using Spectral Domain OCT in Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2021 , 5, 41-48	3.8	7
27	OCT Signs of Early Atrophy in Age-Related Macular Degeneration: Interreader Agreement: Classification of Atrophy Meetings Report 6. <i>Ophthalmology Retina</i> , 2021 ,	3.8	6
26	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study. <i>PLoS ONE</i> , 2020 , 15, e0232494	3.7	5
25	AI-based monitoring of retinal fluid in disease activity and under therapy. <i>Progress in Retinal and Eye Research</i> , 2021 , 100972	20.5	5
24	Progression of Geographic Atrophy with Subsequent Exudative Neovascular Disease in Age-Related Macular Degeneration: AREDS2 Report 24. <i>Ophthalmology Retina</i> , 2021 , 5, 108-117	3.8	5
23	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
22	Principal Cause of Poor Visual Acuity after Neovascular Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report Number 23. <i>Ophthalmology Retina</i> , 2021 , 5, 23-31	3.8	5
21	Association of 2-Year Progression Along the AREDS AMD Scale and Development of Late Age-Related Macular Degeneration or Loss of Visual Acuity: AREDS Report 41. <i>JAMA Ophthalmology</i> , 2020 , 138, 610-617	3.9	4
20	Multimodal, multitask, multiattention (M3) deep learning detection of reticular pseudodrusen: Toward automated and accessible classification of age-related macular degeneration. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1135-1148	8.6	4
19	Quantitative analysis of the Stratus optical coherence tomography fast macular thickness map reports. <i>Indian Journal of Ophthalmology</i> , 2010 , 58, 131-6	1.6	2
18	Ellipsoid Zone Defects in Retinal Vein Occlusion Correlates With Visual Acuity Prognosis: SCORE2 Report 14. <i>Translational Vision Science and Technology</i> , 2021 , 10, 31	3.3	2
17	Feasibility Study of a Multimodal, Cloud-Based, Diabetic Retinal Screening Program in a Workplace Environment. <i>Translational Vision Science and Technology</i> , 2021 , 10, 20	3.3	2
16	Propranolol for Proliferative Diabetic Retinopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2018 , 49, 35-40	1.4	1

15	Serum and Macular Carotenoids in Relation to Retinal Vessel Caliber Fifteen Years Later, in the Second Carotenoids in Age-Related Eye Disease Study 2021 , 62, 20		1
14	Disease-modifying effects of ranibizumab for central retinal vein occlusion. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 1	3.8	0
13	Association of Macular Thickness With Age and Age-Related Macular Degeneration in the Carotenoids in Age-Related Eye Disease Study 2 (CAREDS2), An Ancillary Study of the Women's Health Initiative. <i>Translational Vision Science and Technology</i> , 2021 , 10, 39	3.3	0
12	Real-world validation of artificial intelligence algorithms for ophthalmic imaging. <i>The Lancet Digital Health</i> , 2021 , 3, e463-e464	14.4	0
11	Spectral Domain OCT Predictors of Visual Acuity in the Study of COmparative Treatments for REtinal Vein Occlusion 2: SCORE 2 Report 15. <i>Ophthalmology Retina</i> , 2021 , 5, 991-998	3.8	0
10	Comparison of ETDRS 7-Field to 4-Widefield Digital Imaging in the Evaluation of Diabetic Retinopathy Severity.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 13	3.3	
9	Comparison of Ultra-Widefield Imaging and Standard Imaging in Assessment of Early Treatment Diabetic Retinopathy Severity Scale. <i>Ophthalmology Science</i> , 2021 , 1, 100029		
8	Artificial Intelligence Algorithms in Diabetic Retinopathy Screening.. <i>Current Diabetes Reports</i> , 2022 , 1	5.6	
7	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
6	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
5	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
4	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
3	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
2	A semi-automated machine-learning based workflow for ellipsoid zone analysis in eyes with macular edema: SCORE2 pilot study 2020 , 15, e0232494		
1	Artificial intelligence-based strategies to identify patient populations and advance analysis in age-related macular degeneration clinical trials.. <i>Experimental Eye Research</i> , 2022 , 109092	3.7	