

# Roomasa Channa

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,249  
citations

471509

17  
h-index

377865

34  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of retinal nerve fibre layer thickness as a possible measure of diabetic retinal neurodegeneration in the EPIC-Norfolk Eye Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 705-711.	3.9	3
2	Analysis of Health System Size and Variability in Diabetic Eye Disease Screening in Wisconsin. <i>JAMA Network Open</i> , 2022, 5, e2143937.	5.9	2
3	Artificial Intelligence Algorithms in Diabetic Retinopathy Screening. <i>Current Diabetes Reports</i> , 2022, 22, 267-274.	4.2	4
4	Potential reduction in healthcare carbon footprint by autonomous artificial intelligence. <i>Npj Digital Medicine</i> , 2022, 5, 62.	10.9	13
5	Impact of the COVID-19 pandemic on visual outcomes of diabetic macular edema patients at a tertiary care veterans affairs center. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 759-768.	1.9	2
6	Autonomous Artificial Intelligence in Diabetic Retinopathy: From Algorithm to Clinical Application. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 695-698.	2.2	14
7	A Case of Traumatic Choroidopathy With Subretinal Fluid. <i>Journal of Vitreoretinal Diseases</i> , 2021, 5, 165-169.	0.7	0
8	The SEE Study: Safety, Efficacy, and Equity of Implementing Autonomous Artificial Intelligence for Diagnosing Diabetic Retinopathy in Youth. <i>Diabetes Care</i> , 2021, 44, 781-787.	8.6	27
9	Racial/Ethnic Disparities and Barriers to Diabetic Retinopathy Screening in Youths. <i>JAMA Ophthalmology</i> , 2021, 139, 791.	2.5	21
10	Real-world validation of artificial intelligence algorithms for ophthalmic imaging. <i>The Lancet Digital Health</i> , 2021, 3, e463-e464.	12.3	8
11	Detecting retinal neurodegeneration in people with diabetes: Findings from the UK Biobank. <i>PLoS ONE</i> , 2021, 16, e0257836.	2.5	8
12	Clinical and Demographic Factors Associated With Diabetic Retinopathy Among Young Patients With Diabetes. <i>JAMA Network Open</i> , 2021, 4, e2126126.	5.9	14
13	Pediatric Diabetic Retinopathy: Updates in Prevalence, Risk Factors, Screening, and Management. <i>Current Diabetes Reports</i> , 2021, 21, 56.	4.2	15
14	Alterations in the retinal vasculature occur in multiple sclerosis and exhibit novel correlations with disability and visual function measures. <i>Multiple Sclerosis Journal</i> , 2020, 26, 815-828.	3.0	66
15	Real-world Outcomes among Eyes with Center-Involving Diabetic Macular Edema and Good Visual Acuity. <i>Current Eye Research</i> , 2020, 45, 879-887.	1.5	4
16	Single transient intraocular pressure elevations cause prolonged retinal ganglion cell dysfunction and retinal capillary abnormalities in mice. <i>Experimental Eye Research</i> , 2020, 201, 108296.	2.6	9
17	Cost-effectiveness of Autonomous Point-of-Care Diabetic Retinopathy Screening for Pediatric Patients With Diabetes. <i>JAMA Ophthalmology</i> , 2020, 138, 1063.	2.5	50
18	Prevalence of diabetic retinopathy in children and adolescents at an urban tertiary eye care center. <i>Pediatric Diabetes</i> , 2020, 21, 856-862.	2.9	10

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19	Prevalence and Consequences of Perceived Vision Difficulty in Aging Adults with HIV Infection. <i>American Journal of Ophthalmology</i> , 2020, 218, 268-278.	3.3	1
20	Different Factors Associated with 2-Year Outcomes in Patients with Branch versus Central Retinal Vein Occlusion Treated with Ranibizumab. <i>Ophthalmology</i> , 2019, 126, 1695-1702.	5.2	7
21	Purtscher-Like Retinopathy in Hemolytic Uremic Syndrome. <i>JAMA Ophthalmology</i> , 2019, 137, e183911.	2.5	0
22	Detection of Age-Related Macular Degeneration by Portable Optical Coherence Tomography Operated by Nonexpert Personnel: Potential Use for Screenings. <i>Journal of Vitreoretinal Diseases</i> , 2019, 3, 16-20.	0.7	0
23	Estimating the Global Demand and Delivery of Cancer Surgery. <i>World Journal of Surgery</i> , 2019, 43, 2203-2210.	1.6	15
24	Epidemiology of Hyphema-Related Emergency Department Visits in The United States Between 2006 and 2015. <i>Ophthalmic Epidemiology</i> , 2019, 26, 208-215.	1.7	14
25	Retinal Neurodegeneration as an Early Manifestation of Diabetic Eye Disease and Potential Neuroprotective Therapies. <i>Current Diabetes Reports</i> , 2019, 19, 17.	4.2	48
26	Retinal Imaging for Neurological Diseases: "A Window into the Brain". <i>International Ophthalmology Clinics</i> , 2019, 59, 137-154.	0.7	13
27	Image Artifacts in Optical Coherence Tomography Angiography Among Patients With Multiple Sclerosis. <i>Current Eye Research</i> , 2019, 44, 558-563.	1.5	14
28	Shortest Distance From Fovea to Subfoveal Hemorrhage Border Is Important in Patients With Neovascular Age-related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2018, 189, 86-95.	3.3	5
29	Robotic Vitreoretinal Surgery. <i>Retina</i> , 2017, 37, 1220-1228.	1.7	38
30	Intravitreal Chemotherapy for Retinoblastoma. <i>Advances in Ophthalmology and Optometry</i> , 2016, 1, 273-285.	0.3	1
31	Pro-permeability Factors in Diabetic Macular Edema; the Diabetic Macular Edema Treated With Ozurdex Trial. <i>American Journal of Ophthalmology</i> , 2016, 168, 13-23.	3.3	56
32	Reply. <i>American Journal of Ophthalmology</i> , 2016, 170, 245-246.	3.3	1
33	Epidemiologic Trends of Chemical Ocular Burns in the United States. <i>JAMA Ophthalmology</i> , 2016, 134, 1119.	2.5	92
34	Epidemiology of Eye-Related Emergency Department Visits. <i>JAMA Ophthalmology</i> , 2016, 134, 312.	2.5	227
35	Regression of Choroidal Neovascularization Results in Macular Atrophy in Anti-Vascular Endothelial Growth Factor-Treated Eyes. <i>American Journal of Ophthalmology</i> , 2015, 159, 9-19.e2.	3.3	45
36	Disparities in Access to Surgical Care within a Lower Income Country: An Alarming Inequity. <i>World Journal of Surgery</i> , 2013, 37, 1470-1477.	1.6	33

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37	More Than Just Optic Disc Swelling. <i>JAMA Ophthalmology</i> , 2013, 131, 1477.	2.5	2
38	Comparison of Visual Field Parameters in Early and Advanced Stages of Multiple Sclerosis Patients Without a History of Optic Neuritis. <i>Neuro-Ophthalmology</i> , 2013, 37, 58-62.	1.0	1
39	Sclerochoroidal Calcifications Imaged Using Enhanced Depth Imaging Optical Coherence Tomography. <i>Ocular Immunology and Inflammation</i> , 2012, 20, 190-192.	1.8	9
40	Characterization of macular lesions in punctate inner choroidopathy with spectral domain optical coherence tomography. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2012, 2, 113-120.	2.2	65
41	Macular sensitivity and fixation patterns in normal eyes and eyes with uveitis with and without macular edema. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2012, 2, 65-73.	2.2	13
42	The Relationship Between Macular Sensitivity and Retinal Thickness in Eyes With Diabetic Macular Edema. <i>American Journal of Ophthalmology</i> , 2011, 152, 400-405.e2.	3.3	40
43	Voclosporin: a potentially promising therapeutic agent for noninfectious uveitis. <i>Expert Review of Ophthalmology</i> , 2011, 6, 281-286.	0.6	3
44	Treatment of macular edema due to retinal vein occlusions. <i>Clinical Ophthalmology</i> , 2011, 5, 705.	1.8	33
45	Importance of proper diagnosis for management: multifocal choroiditis mimicking ocular histoplasmosis syndrome. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2011, 1, 55-63.	2.2	1
46	Mycophenolate Mofetil and Fundus Autofluorescence in the Management of Recurrent Punctate Inner Choroidopathy. <i>Ocular Immunology and Inflammation</i> , 2011, 19, 286-292.	1.8	44
47	Early experience with intravitreal bevacizumab combined with laser treatment for retinopathy of prematurity. <i>Middle East African Journal of Ophthalmology</i> , 2010, 17, 264.	0.3	14
48	Intercellular Adhesion Molecule Inhibitors as Potential Therapy for Refractory Uveitic Macular Edema. <i>Ocular Immunology and Inflammation</i> , 2010, 18, 395-398.	1.8	16
49	Diagnostic and Therapeutic Challenges. <i>Retina</i> , 2009, 29, 1045-1051.	1.7	2
50	Educating and Informing Patients Receiving Psychopharmacological Medications: Are Family Physicians in Pakistan up to the Task?. <i>PLoS ONE</i> , 2009, 4, e4620.	2.5	9
51	Central corneal thickness of Pakistani adults. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2009, 59, 225-8.	0.2	2
52	Transport time to trauma facilities in Karachi: an exploratory study. <i>International Journal of Emergency Medicine</i> , 2008, 1, 201-204.	1.6	12
53	Encephalitis and myelitis associated with dengue viral infection. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 635-640.	1.4	85
54	Changing patterns and outcome of Dengue infection; report from a tertiary care hospital in Pakistan. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2008, 58, 488-9.	0.2	18