Rajeev H Muni

List of Publications by Year
in descending order

75 papers	852 citations	686830 13 h-index	580395 25 g-index
75 all docs	75 docs citations	75 times ranked	646 citing authors

#	Article	IF	Citations
1	The Pneumatic Retinopexy versus Vitrectomy for the Management of Primary Rhegmatogenous Retinal Detachment Outcomes Randomized Trial (PIVOT). Ophthalmology, 2019, 126, 531-539.	2.5	135
2	Prospective Study of Inflammatory Biomarkers and Risk of Diabetic Retinopathy in the Diabetes Control and Complications Trial. JAMA Ophthalmology, 2013, 131, 514.	1.4	62
3	AQUEOUS HUMOR CYTOKINE LEVELS AS BIOMARKERS OF DISEASE SEVERITY IN DIABETIC MACULAR EDEMA. Retina, 2017, 37, 761-769.	1.0	58
4	Aqueous Humor Cytokine Levels and Anatomic Response to Intravitreal Ranibizumab in Diabetic Macular Edema. JAMA Ophthalmology, 2018, 136, 382.	1.4	54
5	Retinal Displacement Following Pneumatic Retinopexy vs Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment. JAMA Ophthalmology, 2020, 138, 652.	1.4	50
6	Pars plana vitrectomy, scleral buckle, and pneumatic retinopexy for the management of rhegmatogenous retinal detachment: a meta-analysis. Survey of Ophthalmology, 2022, 67, 184-196.	1.7	36
7	Postoperative Photoreceptor Integrity Following Pneumatic Retinopexy vs Pars Plana Vitrectomy for Retinal Detachment Repair. JAMA Ophthalmology, 2021, 139, 620.	1.4	29
8	Outer Retinal Folds after Pars Plana Vitrectomy vs. Pneumatic Retinopexy for Retinal Detachment Repair. Ophthalmology Retina, 2022, 6, 234-242.	1.2	22
9	Aqueous Humor Cytokines and Long-Term Response to Antiâ€“Vascular Endothelial Growth Factor Therapy in Diabetic Macular Edema. American Journal of Ophthalmology, 2019, 206, 176-183.	1.7	21
10	Vision-Related Functioning in Patients Undergoing Pneumatic Retinopexy vs Vitrectomy for Primary Rhegmatogenous Retinal Detachment. JAMA Ophthalmology, 2020, 138, 826.	1.4	17
11	Pars plana vitrectomy versus scleral buckle: A comprehensive meta-analysis of 15,947 eyes. Survey of Ophthalmology, 2022, 67, 932-949.	1.7	17
12	Retinal displacement following rhegmatogenous retinal detachment: A systematic review and meta-analysis. Survey of Ophthalmology, 2022, 67, 950-964.	1.7	16
13	Retinal Displacement after Pneumatic Retinopexy versus Vitrectomy for Rhegmatogenous Retinal Detachment (ALIGN). Ophthalmology, 2022, 129, 458-461.	2.5	16
14	Changes in aqueous and vitreous inflammatory cytokine levels in proliferative diabetic retinopathy: a systematic review and meta-analysis. Eye, 0, , .	1.1	16
15	Pneumatic Retinopexy in Patients with Primary Rhegmatogenous Retinal Detachment Meeting PIVOT Trial Criteria. Ophthalmology Retina, 2021, 5, 262-269.	1.2	15
16	Changes in aqueous and vitreous inflammatory cytokine levels in neovascular ageâ€related macular degeneration: a systematic review and metaâ€analysis. Acta Ophthalmologica, 2021, 99, 134-155.	0.6	13
17	Intravitreal antivascular endothelial growth factor injection versus laser photocoagulation for retinopathy of prematurity: A meta-analysis of 3,701 eyes. Survey of Ophthalmology, 2021, 66, 572-584.	1.7	13
18	Real-Time In Vivo Assessment of Retinal Reattachment in Humans Using Swept-Source Optical Coherence Tomography. American Journal of Ophthalmology, 2021, 227, 265-274.	1.7	13

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19	Combined versus Sequential Phacoemulsification and Pars Plana Vitrectomy. Ophthalmology Retina, 2021, 5, 1125-1138.	1.2	13
20	Surgical management of submacular hemorrhage: experience at an academic Canadian centre. Canadian Journal of Ophthalmology, 2018, 53, 408-414.	0.4	11
21	Pars Plana Vitrectomy with and without Supplemental Scleral Buckle for the Repair of Rhegmatogenous Retinal Detachment. Ophthalmology Retina, 2022, 6, 871-885.	1.2	11
22	Changes in aqueous and vitreous inflammatory cytokine levels in diabetic macular oedema: a systematic review and metaâ€analysis. Acta Ophthalmologica, 2022, 100, .	0.6	10
23	MINIMAL GAS VITRECTOMY WITH SCLERAL BUCKLE TO MINIMIZE RETINAL DISPLACEMENT IN RHEGMATOGENOUS RETINAL DETACHMENT WITH INFERIOR BREAKS. Retinal Cases and Brief Reports, 2023, 17, 247-250.	0.3	10
24	Evaluation of Subretinal fluid Drainage Techniques During ParsÂPlana Vitrectomy for Primary Rhegmatogenous RetinalÂDetachmentâ€"ELLIPSOID Study. American Journal of Ophthalmology, 2022, 241, 227-237.	1.7	10
25	Intraoperative Dexamethasone Intravitreal Implant (Ozurdex) in Vitrectomy Surgery for Epiretinal Membrane. Current Eye Research, 2020, 45, 737-741.	0.7	9
26	Retinal Shift with Perfluorocarbon Liquid without Air-Fluid Exchange. Ophthalmology, 2020, 127, 598.	2.5	9
27	Longitudinal Assessment of Ellipsoid Zone Recovery Using En Face Optical Coherence Tomography After Retinal DetachmentÂRepair. American Journal of Ophthalmology, 2022, 236, 212-220.	1.7	9
28	Association Between Visual Acuity and Residual Retinal Fluid Following Intravitreal Antiâ€"Vascular Endothelial Growth Factor Treatment for Neovascular Age-Related Macular Degeneration. JAMA Ophthalmology, 2022, 140, 611.	1.4	9
29	AGREEMENT AMONG CANADIAN RETINA SPECIALISTS IN THE DETERMINATION OF TREATMENT ELIGIBILITY FOR PHOTODYNAMIC THERAPY IN AGE-RELATED MACULAR DEGENERATION. Retina, 2008, 28, 1421-1426.	1.0	8
30	Wide-field true-colour imaging and clinical characterization of a novel GRK1 mutation in Oguchi disease. Documenta Ophthalmologica, 2020, 141, 181-185.	1.0	7
31	MINIMAL GAS VITRECTOMY TECHNIQUE FOR REDUCING RISK OF RETINAL DISPLACEMENT FOLLOWING RHEGMATOGENOUS RETINAL DETACHMENT REPAIR. Retinal Cases and Brief Reports, 2022, 16, 681-684.	0.3	7
32	The adjunctive use of pre-operative intravitreal bevacizumab in the setting of proliferative diabetic retinopathy. Saudi Journal of Ophthalmology, 2016, 30, 217-220.	0.3	6
33	Ranibizumab and Aflibercept Levels in Breast Milk after Intravitreal Injection. Ophthalmology, 2020, 127, 278-280.	2.5	6
34	Topical Nonsteroidal Anti-inflammatory Drugs for Pain Resulting from Intravitreal Injections: A Meta-Analysis. Ophthalmology Retina, 2020, 4, 461-470.	1.2	6
35	Changes in Aqueous Cytokine Levels Following Intravitreal Aflibercept in Treatment-Naive Patients with Diabetic Macular Edema. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 697-702.	0.6	6
36	GEOGRAPHIC ATROPHY INCIDENCE AND PROGRESSION AFTER INTRAVITREAL INJECTIONS OF ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR AGENTS FOR AGE-RELATED MACULAR DEGENERATION. Retina, 2021, 41, 2424-2435.	1.0	6

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37	Understanding the mechanism of retinal displacement following rhegmatogenous retinal detachment repair: A computer simulation model. Acta Ophthalmologica, 2021, , .	0.6	6
38	Retinal Vessel Printings on Fundus Autofluorescence Imaging Represent Retinal Displacement: Proof of Prior Hypothesis. American Journal of Ophthalmology, 2022, 238, e3-e4.	1.7	6
39	Marking of Retinal Breaks in Detached Retina With Laser Photocoagulation Before Pneumatic Retinopexy: A Prospective Case Series. Retina, 2009, 29, 405-408.	1.0	5
40	Age-related macular degeneration: is polypoidal choroidal vasculopathy recognized and treated?. Canadian Journal of Ophthalmology, 2017, 52, 475-479.	0.4	5
41	Foveal Avascular Zone Area Analysis Using OCT Angiography After Pneumatic Retinopexy for Macula-Off Rhegmatogenous Retinal Detachment Repair. Journal of Vitreoretinal Diseases, 2019, 3, 297-303.	0.2	5
42	Changes in Aqueous and Vitreous Inflammatory Cytokine Levels in Retinal Vein Occlusion: A Systematic Review and Meta-analysis. Journal of Vitreoretinal Diseases, 2020, 4, 36-64.	0.2	5
43	Pneumatic retinopexy as a treatment for rhegmatogenous retinal detachment in pediatric patients meeting PIVOT criteria. Canadian Journal of Ophthalmology, 2022, 57, 359-363.	0.4	5
44	Immediate subretinal fluid displacement from the buoyant force of a small gas bubble in pneumatic retinopexy. Retinal Cases and Brief Reports, 2021, Publish Ahead of Print, .	0.3	5
45	Demographic Risk Factors of Retinopathy of Prematurity: A Systematic Review of Population-Based Studies. Neonatology, 2022, 119, 151-163.	0.9	5
46	Visual outcomes after treatment in pediatric patients with Coatsâ€™ disease. Canadian Journal of Ophthalmology, 2019, 54, 647-652.	0.4	4
47	SEQUENTIAL PNEUMATIC RETINOPEXIES FOR THE TREATMENT OF PRIMARY INFERIOR RHEGMATOGENOUS RETINAL DETACHMENTS WITH INFERIOR BREAKS. Retina, 2020, 40, 299-302.	1.0	4
48	Re: Guber etÂal: How to Prevent Retinal Shift after Rhegmatogenous Retinal Detachment Repair. Ophthalmology Retina, 2020, 4, e5-e6.	1.2	4
49	The history of pneumatic retinopexy: have we come full circle?. Acta Ophthalmologica, 2022, 100, 118-120.	0.6	4
50	Impact of Coronavirus Disease 2019 Restrictions on Retinal Detachment: A Multicenter Experience. Ophthalmology Retina, 2022, 6, 638-641.	1.2	4
51	Single-capture ultra-widefield guided swept-source optical coherence tomography in the management of rhegmatogenous retinal detachment and associated peripheral vitreoretinal pathology. British Journal of Ophthalmology, 2023, 107, 1356-1362.	2.1	4
52	Combination intravitreal anti-vascular endothelial growth factor inhibitors and macular laser photocoagulation relative to intravitreal injection monotherapy in macular oedema secondary to retinal vein occlusion: a meta-analysis of randomized controlled trials. Eye, 2022, 36, 2271-2278.	1.1	3
53	Phacomorphic Angle-closure Following Silicone Oil Tamponade in a Pediatric Patient. Journal of Glaucoma, 2018, 27, e106-e109.	0.8	2
54	Subretinal Abscess Following Strabismus Surgery. Ophthalmology Retina, 2018, 2, 511-513.	1.2	2

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55	The Evolution of Retinal Detachment Surgery Outcomes: Putting â€˜PIVOTâ€™ Into Perspective. Journal of Vitreoretinal Diseases, 2019, 3, 363-365.	0.2	2
56	Retinal tear and posterior vitreous detachment following repetitive transcranial magnetic stimulation for major depression: A case report. Brain Stimulation, 2020, 13, 467-469.	0.7	2
57	Novel classification system for management of rhegmatogenous retinal detachment with minimally invasive detachment surgery: a network meta-analysis of randomized trials focused on patient-centred outcomes. Canadian Journal of Ophthalmology, 2023, 58, 97-112.	0.4	2
58	Perfluorocarbon liquid assisted drainage and tamponade associated retinal displacement: A unifying theory on the etiology of retinal folds, slippage and retinal displacement. American Journal of Ophthalmology Case Reports, 2022, 25, 101337.	0.4	2
59	Paracentral acute middle maculopathy following hepatitis B vaccine. American Journal of Ophthalmology Case Reports, 2022, 25, 101422.	0.4	2
60	Impact of tamponade agent on retinal displacement following pars plana vitrectomy for rhegmatogenous retinal detachment repair: a computer simulation model. Acta Ophthalmologica, 2022, , .	0.6	2
61	Anti-vascular endothelial growth factor therapy for age-related macular degeneration: a systematic review and network meta-analysis. Systematic Reviews, 2021, 10, 315.	2.5	2
62	Questions on Rhegmatogenous Retinal Detachment and the Day of the Week of Repair or Diagnosis. JAMA Ophthalmology, 2020, 138, 802.	1.4	1
63	Reply to Comment on â€œReal-Time In Vivo Assessment of Retinal Reattachment in Humans Using Swept-Source Optical Coherence Tomographyâ€• American Journal of Ophthalmology, 2022, 235, 343-344.	1.7	1
64	Re: Elhusseiny etÂal: Cost Analysis of Pneumatic Retinopexy versus Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment (Ophthalmol Retina. 2019;3:956â€“961). Ophthalmology Retina, 2020, 4, e3-e4.	1.2	1
65	A MULTICENTER REVIEW EVALUATING THE RISK OF RHEGMATOGENOUS RETINAL DETACHMENT POST ENDOPHTHALMITIS. Retina, 2022, 42, 1503-1511.	1.0	1
66	Clinical features of infectious posterior segment uveitis. Canadian Journal of Ophthalmology, 2018, 53, 425-431.	0.4	0
67	Reply. Ophthalmology, 2019, 126, e84-e85.	2.5	0
68	Reply. Retina, 2020, 40, e11-e12.	1.0	0
69	Surgical management of a live intravitreal nematode. American Journal of Ophthalmology Case Reports, 2020, 19, 100721.	0.4	0
70	Frequency of statistical methods in ophthalmology journal articles: a review. Expert Review of Ophthalmology, 2020, 15, 183-191.	0.3	0
71	Retinal crystalline lesions in pseudoxanthoma elasticum. Canadian Journal of Ophthalmology, 2021, , .	0.4	0
72	Letter to the Editor regarding Chronopoulos and colleagues â€œPneumatic retinopexy, a critical re-appraisalâ€• Survey of Ophthalmology, 2021, 66, 1073-1075.	1.7	0

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73	Physiology of Retinal Reattachment in Humans: Swept Source Optical Coherence Tomography Imaging Data Supporting a Novel Staging System. Data in Brief, 2021, 39, 107539.	0.5	0
74	Pneumatic retinopexy: a review of an essential technique in vitreoretinal surgical care. Expert Review of Ophthalmology, 2022, 17, 11-23.	0.3	0
75	Comment on: Temporising pneumatics for the initial management of rhegmatogenous retinal detachment. Eye, 2022, , .	1.1	0