

Harsha Laxmana Rao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/414871/publications.pdf>

Version: 2024-02-01

128
papers

3,960
citations

168829

31
h-index

182931

54
g-index

130
all docs

130
docs citations

130
times ranked

2723
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and performance of a suprachoroidal sensor for telemetric measurement of intraocular pressure in the EYMATE-SC trial. <i>British Journal of Ophthalmology</i> , 2023, 107, 518-524.	2.1	9
2	Measurement of intraocular temperature in glaucoma: week-day and seasonal fluctuations. <i>British Journal of Ophthalmology</i> , 2023, 107, 941-945.	2.1	2
3	Changes in peripapillary and macular vascular density after laser selective trabeculoplasty: an optical coherence tomography angiography study. <i>Acta Ophthalmologica</i> , 2022, 100, 203-211.	0.6	6
4	Trabeculectomy with Mitomycin-C in Post-Traumatic Angle Recession Glaucoma in Phakic Eyes With no Prior Intraocular Intervention. <i>Seminars in Ophthalmology</i> , 2022, 37, 171-176.	0.8	3
5	Optical Microangiography and Progressive Retinal Nerve Fiber Layer Loss in Primary Open Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 233, 171-179.	1.7	6
6	Optical Microangiography and Progressive Ganglion Cellâ€œInner Plexiform Layer Loss in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 238, 36-44.	1.7	4
7	Long-term outcomes and risk factors for failure of glaucoma filtering surgery in eyes with vernal keratoconjunctivitis and steroid-induced glaucoma. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 820.	0.5	4
8	Rates of Choroidal Microvasculature Dropout and Retinal Nerve Fiber Layer Changes in Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 241, 130-138.	1.7	3
9	Referenced scans improve the repeatability of optical coherence tomography angiography measurements in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2021, 105, 1542-1547.	2.1	7
10	Weekly and seasonal changes of intraocular pressure measured with an implanted intraocular telemetry sensor. <i>British Journal of Ophthalmology</i> , 2021, 105, 387-391.	2.1	18
11	Outcomes of pattern scanning laser trabeculoplasty and selective laser trabeculoplasty: Results from the lausanne laser trabeculoplasty registry. <i>Acta Ophthalmologica</i> , 2021, 99, e154-e159.	0.6	3
12	Determinants of Optical Coherence Tomography Parameters in a Population-based Study. <i>American Journal of Ophthalmology</i> , 2021, 224, 163-171.	1.7	4
13	Optical Coherence Tomography Angiography and Visual Field Progression in Primary Angle Closure Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e61-e67.	0.8	13
14	Combined and standâ€œalone XEN 45 gel stent implantation: 3â€œyear outcomes and success predictors. <i>Acta Ophthalmologica</i> , 2021, 99, e531-e539.	0.6	44
15	Progressive vessel density reduction on optical coherence tomography angiography in glaucoma eyes with disc hemorrhages. <i>Ophthalmology Glaucoma</i> , 2021, , .	0.9	1
16	Circular functional analysis of OCT data for precise identification of structural phenotypes in the eye. <i>Scientific Reports</i> , 2021, 11, 23336.	1.6	0
17	Steroid-induced glaucoma and blindness in vernal keratoconjunctivitis. <i>British Journal of Ophthalmology</i> , 2020, 104, 265-269.	2.1	26
18	Effect of surgical intraocular pressure lowering on retinal structures - nerve fibre layer, foveal avascular zone, peripapillary and macular vessel density: 1 year results. <i>Eye</i> , 2020, 34, 562-571.	1.1	29

#	ARTICLE	IF	CITATIONS
19	The choice of analysis of variance models in repeated measurements analysis on the effect of glaucoma surgery on retinal structures. <i>Eye</i> , 2020, 34, 1711-1711.	1.1	0
20	Vessel density and retinal nerve fibre layer thickness following acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2020, 104, 1103-1108.	2.1	14
21	Optic nerve head vessel density in different stages of pseudoexfoliation disease. <i>British Journal of Ophthalmology</i> , 2020, , bjophthalmol-2020-317605.	2.1	8
22	Predictors of Success in Selective Laser Trabeculoplasty: Data From the Lausanne Laser Trabeculoplasty Registry. <i>Journal of Glaucoma</i> , 2020, 29, 550-555.	0.8	7
23	Impact of Phacoemulsification Combined with XEN Gel Stent Implantation on Corneal Endothelial Cell Density: 2-Year Results. <i>Journal of Glaucoma</i> , 2020, 29, 155-160.	0.8	32
24	Optical Coherence Tomography Angiography in Glaucoma. <i>Journal of Glaucoma</i> , 2020, 29, 312-321.	0.8	110
25	Repeatability and comparability of peripapillary vessel density measurements of high-density and non-high-density optical coherence tomography angiography scans in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2019, 103, 949-954.	2.1	27
26	Choroidal Microvascular Dropout in Pseudoexfoliation Glaucoma. , 2019, 60, 2146.		18
27	Comparison of Rebound Tonometry and Handheld Applanation Tonometry in Pediatric Glaucoma with Clear and Scarred Corneas. <i>Ophthalmology</i> , 2019, 126, 1330-1332.	2.5	3
28	Two-Year Outcomes of XEN Gel Stent Surgery in Patients with Open-Angle Glaucoma. <i>Ophthalmology Glaucoma</i> , 2019, 2, 309-318.	0.9	40
29	XEN Gel Stent in Pseudoexfoliative Glaucoma: 2-Year Results of a Prospective Evaluation. <i>Journal of Glaucoma</i> , 2019, 28, 676-684.	0.8	63
30	Choroidal Microvascular Dropout in Primary Open-angle Glaucoma Eyes With Disc Hemorrhage. <i>Journal of Glaucoma</i> , 2019, 28, 181-187.	0.8	31
31	Identifying the predictors of needling after XEN gel implant. <i>Eye</i> , 2019, 33, 353-357.	1.1	32
32	Choroidal Microvascular Dropout in Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 199, 184-192.	1.7	28
33	Prospective study of factors influencing timely versus delayed presentation of preterm babies for retinopathy of prematurity screening at a tertiary eye hospital in India The Indian Twin Cities ROP Screening (ITCROPS) data base report number 6. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 855.	0.5	7
34	Diagnostic Ability and Structure-function Relationship of Peripapillary Optical Microangiography Measurements in Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 219-226.	0.8	15
35	Diurnal Variations of Peripapillary and Macular Vessel Density in Glaucomatous Eyes Using Optical Coherence Tomography Angiography. <i>Journal of Glaucoma</i> , 2018, 27, 336-341.	0.8	37
36	Relationship of Macular Thickness and Function to Optical Microangiography Measurements in Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 210-218.	0.8	9

#	ARTICLE	IF	CITATIONS
37	Prospective Evaluation of Standalone XEN Gel Implant and Combined Phacoemulsification-XEN Gel Implant Surgery: 1-Year Results. <i>Journal of Glaucoma</i> , 2018, 27, 140-147.	0.8	133
38	Diagnostic Abilities of the Optical Microangiography Parameters of the 3Å—3â€%mm and 6Å—6â€%mm Macular Scans in Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 496-503.	0.8	23
39	A Sectoral Analysis of Vessel Density Measurements in Perimetrically Intact Regions of Glaucomatous Eyes: An Optical Coherence Tomography Angiography Study. <i>Journal of Glaucoma</i> , 2018, 27, 525-531.	0.8	24
40	Repeatability of vessel density measurements of optical coherence tomography angiography in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2018, 102, 352-357.	2.1	122
41	Does the Presence of a Disc Hemorrhage Affect OCT-Measured Vessel Density and Retinal Nerve Fiber Layer Thickness?. <i>Ophthalmology Glaucoma</i> , 2018, 1, 152-157.	0.9	2
42	Diagnostic ability of peripapillary vessel density measurements of optical coherence tomography angiography in primary open-angle and angle-closure glaucoma. <i>British Journal of Ophthalmology</i> , 2017, 101, 1066-1070.	2.1	125
43	Vessel Density and Structural Measurements of Optical Coherence Tomography in Primary Angle Closure and Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2017, 177, 106-115.	1.7	81
44	Predicting the Magnitude of Functional and Structural Damage in Glaucoma From Monocular Pupillary Light Responses Using Automated Pupillography. <i>Journal of Glaucoma</i> , 2017, 26, 409-414.	0.8	5
45	Determinants of Peripapillary and Macular Vessel Densities Measured by Optical Coherence Tomography Angiography in Normal Eyes. <i>Journal of Glaucoma</i> , 2017, 26, 491-497.	0.8	90
46	Diagnostic Ability of Automated Pupillography in Glaucoma. <i>Current Eye Research</i> , 2017, 42, 743-747.	0.7	4
47	Structural and functional assessment of macula to diagnose glaucoma. <i>Eye</i> , 2017, 31, 593-600.	1.1	19
48	Optical Coherence Tomography Angiography Vessel Density Measurements in Eyes With Primary Open-Angle Glaucoma and Disc Hemorrhage. <i>Journal of Glaucoma</i> , 2017, 26, 888-895.	0.8	22
49	Predicting the intereye asymmetry in functional and structural damage in glaucoma using automated pupillography. <i>Acta Ophthalmologica</i> , 2017, 95, e532-e538.	0.6	3
50	A comparison of the diagnostic ability of vessel density and structural measurements of optical coherence tomography in primary open angle glaucoma. <i>PLoS ONE</i> , 2017, 12, e0173930.	1.1	92
51	Relationship of Optic Nerve Structure and Function to Peripapillary Vessel Density Measurements of Optical Coherence Tomography Angiography in Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, 548-554.	0.8	60
52	Discriminant Function of Optical Coherence Tomography Angiography to Determine Disease Severity in Glaucoma. , 2016, 57, 6079.		70
53	A Simplified (Screening) Approach to Check the Calibration Status of the Goldmann Applanation Tonometer. <i>Journal of Glaucoma</i> , 2016, 25, 812-814.	0.8	2
54	Regional Comparisons of Optical Coherence Tomography Angiography Vessel Density in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2016, 171, 75-83.	1.7	221

#	ARTICLE	IF	CITATIONS
55	How Often the Goldmann Applanation Tonometer Should be Checked for Calibration Error?. <i>Journal of Glaucoma</i> , 2016, 25, 908-913.	0.8	7
56	In vivo evaluation of retinal ganglion cells degeneration in eyes with branch retinal vein occlusion. <i>British Journal of Ophthalmology</i> , 2016, 100, 1506-1510.	2.1	25
57	Repeatability of Spectral Domain Optical Coherence Tomography Measurements in High Myopia. <i>Journal of Glaucoma</i> , 2016, 25, e526-e530.	0.8	10
58	High-hyperopia database, part I: clinical characterisation including morphometric (biometric) differentiation of posterior microphthalmos from nanophthalmos. <i>Eye</i> , 2016, 30, 120-126.	1.1	51
59	Optic nerve head parameters of high-definition optical coherence tomography and Heidelberg retina tomogram in perimetric and preperimetric glaucoma. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 277.	0.5	8
60	"Combined occlusion and atropine therapy" versus "Augmented part-time patching" in children with refractory/residual amblyopia: A pilot study. <i>Middle East African Journal of Ophthalmology</i> , 2016, 23, 201.	0.5	3
61	In Vivo Evidence of Inner Retinal Neurodegeneration in Retinitis Pigmentosa Using Spectral-Domain Optical Coherence Tomography. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2016, 47, 828-835.	0.4	1
62	Comparing Spectral-Domain Optical Coherence Tomography and Standard Automated Perimetry to Diagnose Glaucomatous Optic Neuropathy. <i>Journal of Glaucoma</i> , 2015, 24, e69-e74.	0.8	6
63	Reference Standard Test and the Diagnostic Ability of Spectral Domain Optical Coherence Tomography in Glaucoma. <i>Journal of Glaucoma</i> , 2015, 24, e151-e156.	0.8	3
64	A Study of Prevalence and Risk Factors of Diabetic Retinopathy in Patients with Non-Arteritic Anterior Ischemic Optic Neuropathy (NA-AION). <i>Seminars in Ophthalmology</i> , 2015, 30, 101-104.	0.8	13
65	Atypical birefringence pattern and the diagnostic ability of scanning laser polarimetry with enhanced corneal compensation in glaucoma. <i>Acta Ophthalmologica</i> , 2015, 93, e105-10.	0.6	2
66	The ISNT rule in glaucoma: revisiting with spectral domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2015, 93, e208-e213.	0.6	6
67	Comparing Glaucoma Progression on 24-2 and 10-2 Visual Field Examinations. <i>PLoS ONE</i> , 2015, 10, e0127233.	1.1	35
68	Peripapillary Retinal Nerve Fiber Layer Assessment of Spectral Domain Optical Coherence Tomography and Scanning Laser Polarimetry to Diagnose Preperimetric Glaucoma. <i>PLoS ONE</i> , 2014, 9, e108992.	1.1	8
69	Factors Affecting the Ability of the Spectral Domain Optical Coherence Tomograph to Detect Photographic Retinal Nerve Fiber Layer Defects. <i>PLoS ONE</i> , 2014, 9, e116115.	1.1	4
70	Outcomes of trabeculectomy in juvenile open angle glaucoma. <i>Indian Journal of Ophthalmology</i> , 2014, 62, 224.	0.5	24
71	Choroidal thickness profile in healthy Indian subjects. <i>Indian Journal of Ophthalmology</i> , 2014, 62, 1060.	0.5	35
72	Scanning the macula for detecting glaucoma. <i>Indian Journal of Ophthalmology</i> , 2014, 62, 82.	0.5	7

#	ARTICLE	IF	CITATIONS
73	Ganglion Cell-Inner Plexiform Layer Thickness of High Definition Optical Coherence Tomography in Perimetric and Preperimetric Glaucoma. , 2014, 55, 4768.		53
74	Glaucoma in Microspherophakia. Journal of Glaucoma, 2014, 23, 262-267.	0.8	40
75	Retinal Nerve Fiber Layer Measurements by Scanning Laser Polarimetry With Enhanced Corneal Compensation in Healthy Subjects. Journal of Glaucoma, 2014, 23, 589-593.	0.8	6
76	Effect of Scan Quality on Diagnostic Accuracy of Spectral-Domain Optical Coherence Tomography in Glaucoma. American Journal of Ophthalmology, 2014, 157, 719-727.e1.	1.7	31
77	Is Utility-Based Quality of Life in Adults Affected by Glaucoma?. , 2014, 55, 1361.		14
78	Retinal nerve fiber layer evaluation of spectral domain optical coherence tomograph and scanning laser polarimeter to diagnose glaucoma. Eye, 2014, 28, 654-661.	1.1	5
79	Spectral domain optical coherence tomography in children operated for primary congenital glaucoma. British Journal of Ophthalmology, 2014, 98, 162-165.	2.1	28
80	Contralateral intraocular pressure lowering effect of prostaglandin analogues. Indian Journal of Ophthalmology, 2014, 62, 575.	0.5	12
81	LV Prasad Eye Institute Glaucoma Epidemiology and Molecular Genetic Study (LVPEI- GLEAMS). Report 1: Study Design and Research Methodology. Ophthalmic Epidemiology, 2013, 20, 188-195.	0.8	7
82	Corneal Thickness in Keratoconus. Ophthalmology, 2013, 120, 457-463.	2.5	38
83	Treatment Outcomes in Malignant Glaucoma. Ophthalmology, 2013, 120, 984-990.	2.5	67
84	Agreement between event-based and trend-based glaucoma progression analyses. Eye, 2013, 27, 803-808.	1.1	25
85	Agreement of glaucoma specialists and experienced optometrists in gonioscopy and optic disc evaluation. Journal of Optometry, 2013, 6, 212-218.	0.7	9
86	Glaucoma symptom scale: is it a reliable measure of symptoms in glaucoma patients?: TableÂ1. British Journal of Ophthalmology, 2013, 97, 379-380.	2.1	3
87	Comparison of outcomes of trabeculectomy with mitomycin C vs. ologen implant in primary glaucoma. Indian Journal of Ophthalmology, 2013, 61, 338.	0.5	64
88	Relationship Between Intraocular Pressure and Rate of Visual Field Progression in Treated Glaucoma. Journal of Glaucoma, 2013, 22, 719-724.	0.8	48
89	Efficacy of split hours part-time patching versus continuous hours part-time patching for treatment of anisometropic amblyopia in children: a pilot study. British Journal of Ophthalmology, 2013, 97, 874-878.	2.1	13
90	Ability of Different Scanning Protocols of Spectral Domain Optical Coherence Tomography to Diagnose Preperimetric Glaucoma. , 2013, 54, 7252.		38

#	ARTICLE	IF	CITATIONS
91	Varied Clinical Course in Plateau Iris Syndrome: A Case Series. <i>Seminars in Ophthalmology</i> , 2013, 28, 28-31.	0.8	5
92	Outcomes of Laser Peripheral Iridotomy in Angle Closure Disease. <i>Seminars in Ophthalmology</i> , 2013, 28, 4-8.	0.8	20
93	Effect of Cataract Extraction on Visual Field Index in Glaucoma. <i>Journal of Glaucoma</i> , 2013, 22, 164-168.	0.8	39
94	Behavior of Visual Field Index in Advanced Glaucoma. , 2013, 54, 307.		34
95	Evaluation of blotchy pigments in the anterior chamber angle as a sign of angle closure. <i>Indian Journal of Ophthalmology</i> , 2012, 60, 535.	0.5	1
96	Corneal birefringence measurements in normal Indian eyes. <i>Eye</i> , 2012, 26, 1589-1591.	1.1	0
97	Retinal nerve fiber layer and macular inner retina measurements by spectral domain optical coherence tomograph in Indian eyes with early glaucoma. <i>Eye</i> , 2012, 26, 133-139.	1.1	90
98	Effect of Spectrum Bias on the Diagnostic Accuracy of Spectral-Domain Optical Coherence Tomography in Glaucoma. , 2012, 53, 1058.		70
99	Structure-function Relationships Using the Cirrus Spectral Domain Optical Coherence Tomograph and Standard Automated Perimetry. <i>Journal of Glaucoma</i> , 2012, 21, 49-54.	0.8	99
100	Effect of Optic Disc Size and Disease Severity on the Diagnostic Capability of Glaucoma Imaging Technologies in an Indian Population. <i>Journal of Glaucoma</i> , 2012, 21, 475-480.	0.8	14
101	Comparing the astigmatic outcome after paediatric cataract surgery with different incisions. <i>British Journal of Ophthalmology</i> , 2012, 96, 386-389.	2.1	8
102	Correlation of Back Optic Zone Radius measurement of rigid contact lenses with radiuscope and keratometer. <i>Contact Lens and Anterior Eye</i> , 2012, 35, 282-284.	0.8	4
103	Rotational Autokeratoplasty in Pediatric Patients for Nonprogressive Paracentral Corneal Scars. <i>Ophthalmology</i> , 2012, 119, 2458-2462.	2.5	9
104	Strabismus Surgery Hemostasis. <i>Ophthalmology</i> , 2012, 119, 649-650.e4.	2.5	10
105	Descemet's Stripping Automated Endothelial Keratoplasty. <i>Ophthalmology</i> , 2012, 119, 1498-1499.	2.5	1
106	Accuracy of Intraocular Lens Power Calculation Formulae in Children Less Than Two Years. <i>American Journal of Ophthalmology</i> , 2012, 154, 13-19.e2.	1.7	68
107	Posterior chamber toric phakic intraocular lenses for myopic astigmatism: First experience in India. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1583-1589.	0.7	5
108	Dose-effect relationship of medial rectus muscle advancement for consecutive exotropia. <i>Journal of AAPOS</i> , 2012, 16, 314.	0.2	2

#	ARTICLE	IF	CITATIONS
109	Impact of Glaucoma on Visual Functioning in Indians. , 2012, 53, 6081.		30
110	Agreement Among Spectral-Domain Optical Coherence Tomography Instruments for Assessing Retinal Nerve Fiber Layer Thickness. American Journal of Ophthalmology, 2011, 151, 85-92.e1.	1.7	111
111	A Randomized Trial of Brimonidine Versus Timolol in Preserving Visual Function: Results From the Low-pressure Glaucoma Treatment Study. American Journal of Ophthalmology, 2011, 152, 877.	1.7	7
112	Relationship between Severity of Visual Field Loss at Presentation and Rate of Visual Field Progression in Glaucoma. Ophthalmology, 2011, 118, 249-253.	2.5	55
113	Central Corneal Thickness Measurement. Ophthalmology, 2011, 118, 1010.	2.5	0
114	Comparison of the Diagnostic Accuracies of the Spectralis, Cirrus, and RTVue Optical Coherence Tomography Devices in Glaucoma. Ophthalmology, 2011, 118, 1334-1339.	2.5	174
115	Author reply. Ophthalmology, 2011, 118, 1219-1220.	2.5	5
116	Effect of Disease Severity and Optic Disc Size on Diagnostic Accuracy of RTVue Spectral Domain Optical Coherence Tomograph in Glaucoma. , 2011, 52, 1290.		61
117	Phacotrabeculectomy Without Mitomycin C in Primary Angle-closure and Open-angle Glaucoma. Journal of Glaucoma, 2011, 20, 57-62.	0.8	23
118	Evaluation of Central Corneal Thickness Measurement With RTVue Spectral Domain Optical Coherence Tomography in Normal Subjects. Cornea, 2011, 30, 121-126.	0.9	36
119	Predictors of Normal Optic Nerve Head, Retinal Nerve Fiber Layer, and Macular Parameters Measured by Spectral Domain Optical Coherence Tomography. , 2011, 52, 1103.		71
120	Structure-Function Relationship in Glaucoma Using Spectral-Domain Optical Coherence Tomography. JAMA Ophthalmology, 2011, 129, 864.	2.6	79
121	Long-term perimetric fluctuation in glaucoma. British Journal of Ophthalmology, 2011, 95, 1174-1175.	2.1	0
122	Evidence-based approach to glaucoma management. Indian Journal of Ophthalmology, 2011, 59, 5.	0.5	8
123	Role of imaging in glaucoma diagnosis and follow-up. Indian Journal of Ophthalmology, 2011, 59, 59.	0.5	18
124	Agreement Among 3 Methods of Optic Disc Diameter Measurement. Journal of Glaucoma, 2010, 19, 650-654.	0.8	4
125	Effect of Disease Severity on the Performance of Cirrus Spectral-Domain OCT for Glaucoma Diagnosis. , 2010, 51, 4104.		84
126	Comparison of the Diagnostic Capability of the Heidelberg Retina Tomographs 2 and 3 for Glaucoma in the Indian Population. Ophthalmology, 2010, 117, 275-281.	2.5	24

#	ARTICLE	IF	CITATIONS
127	Comparison of Different Spectral Domain Optical Coherence Tomography Scanning Areas for Glaucoma Diagnosis. <i>Ophthalmology</i> , 2010, 117, 1692-1699.e1.	2.5	169
128	Three-Year Follow-up of the Tube Versus Trabeculectomy Study. <i>American Journal of Ophthalmology</i> , 2010, 149, 685-686.	1.7	6