

Pinakin Gunvant

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

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567281
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#	ARTICLE	IF	CITATIONS
1	Reply to Green-Gomez et al. Comment on “Richer et al. Night Vision and Carotenoids (NVC): A Randomized Placebo Controlled Clinical Trial on Effects of Carotenoid Supplementation on Night Vision in Older Adults. <i>Nutrients</i> 2021, 13, 3191” <i>Nutrients</i> , 2022, 14, 2770.	4.1	0
2	Carotenoids in the Management of Glaucoma: A Systematic Review of the Evidence. <i>Nutrients</i> , 2021, 13, 1949.	4.1	14
3	Macular Pigment Reflectometry: Developing Clinical Protocols, Comparison with Heterochromatic Flicker Photometry and Individual Carotenoid Levels. <i>Nutrients</i> , 2021, 13, 2553.	4.1	9
4	A Systematic Review of Carotenoids in the Management of Diabetic Retinopathy. <i>Nutrients</i> , 2021, 13, 2441.	4.1	24
5	A Systematic Review of Carotenoids in the Management of Age-Related Macular Degeneration. <i>Antioxidants</i> , 2021, 10, 1255.	5.1	36
6	Night Vision and Carotenoids (NVC): A Randomized Placebo Controlled Clinical Trial on Effects of Carotenoid Supplementation on Night Vision in Older Adults. <i>Nutrients</i> , 2021, 13, 3191.	4.1	6
7	Differences in macular pigment optical density across four ethnicities: a comparative study. <i>Therapeutic Advances in Ophthalmology</i> , 2020, 12, 251584142092416.	1.4	8
8	Visual Function and Macular Carotenoid Changes in Eyes with Retinal Drusen—An Open Label Randomized Controlled Trial to Compare a Micronized Lipid-Based Carotenoid Liquid Supplementation and AREDS-2 Formula. <i>Nutrients</i> , 2020, 12, 3271.	4.1	12
9	Efficacy of Commercially Available Nutritional Supplements: Analysis of Serum Uptake, Macular Pigment Optical Density and Visual Functional Response. <i>Nutrients</i> , 2020, 12, 1321.	4.1	17
10	Measurement of Carotenoids in Perifovea using the Macular Pigment Reflectometer. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	13
11	Macular pigment reflectometry: development and evaluation of a novel clinical device for rapid objective assessment of the macular carotenoids. , 2019, , .		3
12	Multi-line Adaptive Perimetry (MAP): A New Procedure for Quantifying Visual Field Integrity for Rapid Assessment of Macular Diseases. <i>Translational Vision Science and Technology</i> , 2018, 7, 28.	2.2	0
13	Physiologic anisocoria under various lighting conditions. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 85-89.	1.8	18
14	Effect of Varying Levels of Glare on Contrast Sensitivity Measurements of Young Healthy Individuals Under Photopic and Mesopic Vision. <i>Frontiers in Psychology</i> , 2018, 9, 899.	2.1	13
15	The development of a reference database with the Topcon 3D OCT-1 Maestro. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 849-857.	1.8	21
16	Evaluation of intraocular pressure estimates obtained using an iCare rebound tonometer. <i>Australasian journal of optometry</i> , The, 2017, 100, 179-183.	1.3	5
17	Macular pigment optical density: repeatability, intereye correlation, and effect of ocular dominance. <i>Clinical Ophthalmology</i> , 2016, Volume 10, 1671-1678.	1.8	26
18	Predicting individual contrast sensitivity functions from acuity and letter contrast sensitivity measurements. <i>Journal of Vision</i> , 2016, 16, 15.	0.3	25

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19	Comparison of retinal nerve fiber layer and macular thickness for discriminating primary open-angle glaucoma and normal-tension glaucoma using optical coherence tomography. <i>Australasian journal of optometry</i> , The, 2016, 99, 373-381.	1.3	12
20	Intraeye retinal nerve fiber layer and macular thickness asymmetry measurements for the discrimination of primary open-angle glaucoma and normal tension glaucoma. <i>Journal of Optometry</i> , 2016, 9, 118-125.	1.3	13
21	Calpain-1 and calpain-2 play opposite roles in retinal ganglion cell degeneration induced by retinal ischemia/reperfusion injury. <i>Neurobiology of Disease</i> , 2016, 93, 121-128.	4.4	42
22	Reconstruction of 3D surface maps from anterior segment optical coherence tomography images using graph theory and genetic algorithms. <i>Biomedical Signal Processing and Control</i> , 2016, 25, 91-98.	5.7	33
23	Effect of Misalignment between Successive Corneal Videokeratography Maps on the Repeatability of Topography Data. <i>PLoS ONE</i> , 2015, 10, e0139541.	2.5	6
24	The Effect of Zeaxanthin on the Visual Acuity of Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0135211.	2.5	10
25	Fabry disease: a survey of visual and ocular symptoms. <i>Clinical Ophthalmology</i> , 2014, 8, 1555.	1.8	19
26	Imaging Devices and Glaucoma Management. , 2014, , .		0
27	Corneal topography matching by iterative registration. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 1154-1167.	1.8	3
28	Retinal nerve fiber layer thickness in glaucomatous Nepalese eyes and its relation with visual field sensitivity. <i>Journal of Optometry</i> , 2014, 7, 217-224.	1.3	13
29	Novel Fractal Feature-Based Multiclass Glaucoma Detection and Progression Prediction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 269-276.	6.3	52
30	Clinical evaluation of multiparameter correction equations for Goldmann applanation tonometry. <i>Eye</i> , 2013, 27, 621-629.	2.1	16
31	Correction Factors for Goldmann Tonometry. <i>Journal of Glaucoma</i> , 2013, 22, 156-163.	1.6	17
32	Assessing the need and benefits of home tonometers in the management of patients with glaucoma. <i>Clinical Optometry</i> , 2013, , 19.	1.2	1
33	Diagnostic accuracy of keratoconus using anterior segment optical coherence tomography. <i>Optometry Reports</i> , 2013, 3, 2.	0.2	0
34	Predicting the necessity of LASIK enhancement after cataract surgery in patients with multifocal IOL implantation. <i>Clinical Ophthalmology</i> , 2011, 5, 1281.	1.8	15
35	Identifying glaucoma with multi-fractal features from optical coherence tomography (OCT). <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
36	Evaluation of agreement in corneal thickness measurements obtained using optical coherence tomography and ultrasound technique and determination of its specificity in keratoconus screening. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0

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37	Multiparameter Correction Equation for Goldmann Applanation Tonometry. Optometry and Vision Science, 2011, 88, E102-E112.	1.2	47
38	Feature-based glaucomatous progression prediction using scanning laser polarimetry (SLP) data. , 2011,, .		2
39	Measuring accurate IOPs: Does correction factor help or hurt?. Clinical Ophthalmology, 2010, 4, 611.	1.8	8
40	Efficacy of fractal analysis in identifying glaucomatous damage. Proceedings of SPIE, 2010, , .	0.8	2
41	Comparison of Shape-based Analysis of Retinal Nerve Fiber Layer Data Obtained From OCT and GDx-VCC. Journal of Glaucoma, 2009, 18, 464-471.	1.6	9
42	Atypical Retardation Pattern: Can Performance of Classification be Improved?. Optometry and Vision Science, 2008, 85, E482-E488.	1.2	4
43	Relationships between central corneal thickness and optic disc topography in eyes with glaucoma, suspicion of glaucoma, or ocular hypertension. Clinical Ophthalmology, 2008, 2, 591.	1.8	9
44	Predicting Visual Field Loss in Ocular Hypertensive Patients Using Wavelet-Fourier Analysis of GDx Scanning Laser Polarimetry. Optometry and Vision Science, 2007, 84, E380-E387.	1.2	10
45	Application of Shape-based Analysis Methods to OCT Retinal Nerve Fiber Layer Data in Glaucoma. Journal of Glaucoma, 2007, 16, 543-548.	1.6	10
46	Evaluation of some factors affecting the agreement between the Proview Eye Pressure Monitor and the Goldmann applanation tonometer measurements. Australasian journal of optometry, The, 2007, 90, 290-295.	1.3	7
47	Effect of Proview selfâ€tonometry on pharmaceutical compliance. Australasian journal of optometry, The, 2006, 89, 381-385.	1.3	7
48	Predicting Subsequent Visual Field Loss in Glaucomatous Subjects With Disc Hemorrhage Using Retinal Nerve Fiber Layer Polarimetry. Journal of Glaucoma, 2005, 14, 20-25.	1.6	28
49	Evaluation of Tonometric Correction Factors. Journal of Glaucoma, 2005, 14, 337-343.	1.6	71
50	Comparison of pulsatile ocular blood flow in Indians and Europeans. Eye, 2005, 19, 1163-1168.	2.1	9
51	Analysis of GDx-VCC Polarimetry Data by Wavelet-Fourier Analysis across Glaucoma Stages. , 2005, 46, 2838.		33
52	Repeatability and Effects of Sequential Measurements with POBF Tonograph. Optometry and Vision Science, 2004, 81, 794-799.	1.2	10
53	Repeatability and reproducibility of the BVI ultrasonic Pachymeter. Eye, 2003, 17, 825-828.	2.1	26
54	The effect of central corneal thickness on estimates of the anterior chamber depth. Australasian journal of optometry, The, 2003, 86, 371-375.	1.3	2

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55	Vertical Cup-to-Disc Ratio: Agreement between Direct Ophthalmoscopic Estimation, Fundus Biomicroscopic Estimation, and Scanning Laser Ophthalmoscopic Measurement. Optometry and Vision Science, 2003, 80, 454-459.	1.2	20
56	PRESUMED EALESâ€™™ DISEASE WITH NEUROLOGIC INVOLVEMENT. Retina, 2001, 21, 141-145.	1.7	16
57	Tonometry â€™“ Past, Present and Future. , 0, , .		16
58	Glare and Ocular Diseases. , 0, , .		2
59	Management of Diabetic Eye Disease Using Carotenoids and Nutrients. , 0, , .		0
60	Fabry Disease â€™“ Ocular Manifestations and Visual Symptoms. , 0, , .		1
61	Health Promotion for AMD and the Role of Nutrition. , 0, , .		0