

Kouros Nouri-Mahdavi

List of Publications by Year in descending order

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106
papers

3,989
citations

172457

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149698

56
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109
all docs

109
docs citations

109
times ranked

2390
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Risk factors for microcystic macular oedema in glaucoma. British Journal of Ophthalmology, 2023, 107, 505-510. | 3.9 | 5 |
| 2 | Comparison of Ganglion Cell Layer and Ganglion Cell/Inner Plexiform Layer Measures for Detection of Early Glaucoma. Ophthalmology Glaucoma, 2023, 6, 58-67. | 1.9 | 2 |
| 3 | Ganglion Cell Complex: The Optimal Measure for Detection of Structural Progression in the Macula. American Journal of Ophthalmology, 2022, 237, 71-82. | 3.3 | 6 |
| 4 | Structural-Functional Glaucoma Progression Trajectory in 2-Dimensional Space. Journal of Glaucoma, 2022, 31, 250-260. | 1.6 | 0 |
| 5 | Intraretinal Layer Segmentation Using Cascaded Compressed U-Nets. Journal of Imaging, 2022, 8, 139. | 3.0 | 7 |
| 6 | Multivariate Longitudinal Modeling of Macular Ganglion Cell Complex. Ophthalmology Science, 2022, 2, 100187. | 2.5 | 7 |
| 7 | Measurement of The Inner Macular Layers for Monitoring of Glaucoma: Confounding Effects of Age-Related Macular Degeneration. Ophthalmology Glaucoma, 2022, , . | 1.9 | 0 |
| 8 | Detection of Glaucoma Deterioration in the Macular Region with Optical Coherence Tomography: Challenges and Solutions. American Journal of Ophthalmology, 2021, 222, 277-284. | 3.3 | 7 |
| 9 | Adduction-Induced Strain on the Optic Nerve in Primary Open Angle Glaucoma at Normal Intraocular Pressure. Current Eye Research, 2021, 46, 568-578. | 1.5 | 14 |
| 10 | Strabismus After Ahmed Glaucoma Valve Implantation. American Journal of Ophthalmology, 2021, 222, 1-5. | 3.3 | 4 |
| 11 | Local Macular Thickness Relationships between 2 OCT Devices. Ophthalmology Glaucoma, 2021, 4, 209-215. | 1.9 | 4 |
| 12 | Estimating Ganglion Cell Complex Rates of Change With Bayesian Hierarchical Models. Translational Vision Science and Technology, 2021, 10, 15. | 2.2 | 8 |
| 13 | Prediction of Visual Field Progression from OCT Structural Measures in Moderate to Advanced Glaucoma. American Journal of Ophthalmology, 2021, 226, 172-181. | 3.3 | 31 |
| 14 | Detection of Longitudinal Ganglion Cell/Inner Plexiform Layer Change: Comparison of Two Spectral-Domain Optical Coherence Tomography Devices. American Journal of Ophthalmology, 2021, 231, 1-10. | 3.3 | 7 |
| 15 | A Novel Similarity Measure for Retinal Optical Coherence Tomography Images. Lecture Notes in Computer Science, 2021, , 276-286. | 1.3 | 0 |
| 16 | Optic Nerve Traction During Adduction in Open Angle Glaucoma with Normal versus Elevated Intraocular Pressure. Current Eye Research, 2020, 45, 199-210. | 1.5 | 25 |
| 17 | Predictors of Long-Term Visual Field Fluctuation in Glaucoma Patients. Ophthalmology, 2020, 127, 739-747. | 5.2 | 18 |
| 18 | Comparison of Rates of Progression of Macular OCT Measures in Glaucoma. Translational Vision Science and Technology, 2020, 9, 50. | 2.2 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficacy of Combined Suprachoroidal Stent and Cataract Surgery in Patients With Glaucoma. <i>Journal of Glaucoma</i> , 2020, 29, 627-638. | 1.6 | 3 |
| 20 | Pointwise Methods to Measure Long-term Visual Field Progression in Glaucoma. <i>JAMA Ophthalmology</i> , 2020, 138, 536. | 2.5 | 2 |
| 21 | Longitudinal Macular Structure-Function Relationships in Glaucoma. <i>Ophthalmology</i> , 2020, 127, 888-900. | 5.2 | 47 |
| 22 | Macular imaging with optical coherence tomography in glaucoma. <i>Survey of Ophthalmology</i> , 2020, 65, 597-638. | 4.0 | 45 |
| 23 | Peripapillary Scleral Bowing Increases with Age and Is Inversely Associated with Peripapillary Choroidal Thickness in Healthy Eyes. <i>American Journal of Ophthalmology</i> , 2020, 217, 91-103. | 3.3 | 25 |
| 24 | Conditional GAN for Prediction of Glaucoma Progression with Macular Optical Coherence Tomography. <i>Lecture Notes in Computer Science</i> , 2020, , 761-772. | 1.3 | 6 |
| 25 | The Trajectory of Glaucoma Progression in 2-Dimensional Structural-Functional Space. <i>Ophthalmology Glaucoma</i> , 2020, 3, 466-474. | 1.9 | 1 |
| 26 | Outcomes of Glaucoma Drainage Device Surgery in Eyes with Treated Uveal Melanoma. <i>Ocular Oncology and Pathology</i> , 2019, 5, 20-27. | 1.0 | 3 |
| 27 | Usefulness of Macular Temporal Vertical Asymmetry for Differentiating Optic Neuropathies from Glaucoma. <i>Ophthalmology</i> , 2019, 126, 1140. | 5.2 | 1 |
| 28 | Prediction of Glaucoma Progression with Structural Parameters: Comparison of Optical Coherence Tomography and Clinical Disc Parameters. <i>American Journal of Ophthalmology</i> , 2019, 208, 19-29. | 3.3 | 15 |
| 29 | Quantification of Visual Field Variability in Glaucoma: Implications for Visual Field Prediction and Modeling. <i>Translational Vision Science and Technology</i> , 2019, 8, 25. | 2.2 | 13 |
| 30 | Relationship of the Macular Ganglion Cell and Inner Plexiform Layers in Healthy and Glaucoma Eyes. <i>Translational Vision Science and Technology</i> , 2019, 8, 27. | 2.2 | 8 |
| 31 | Comparison of Methods to Detect and Measure Glaucomatous Visual Field Progression. <i>Translational Vision Science and Technology</i> , 2019, 8, 2. | 2.2 | 41 |
| 32 | Re: Saeedi et al: Agreement and predictors of discordance of 6 visual field progression algorithms (<i>Ophthalmology</i> . 2019;126:822-828). <i>Ophthalmology</i> , 2019, 126, e77-e78. | 5.2 | 0 |
| 33 | Cataract Surgery and Rate of Visual Field Progression in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 201, 19-30. | 3.3 | 24 |
| 34 | Risk Factors for Fast Visual Field Progression in Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 207, 268-278. | 3.3 | 50 |
| 35 | Longitudinal Macular Structure-Function Relationships in Glaucoma and Their Sources of Variability. <i>American Journal of Ophthalmology</i> , 2019, 207, 18-36. | 3.3 | 18 |
| 36 | Modified deep sclerectomy for the surgical treatment of glaucoma. <i>Journal of Ophthalmic and Vision Research</i> , 2019, 14, 144. | 1.0 | 1 |

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|----|--|-----|-----------|
| 37 | Trabeculectomy With Mitomycin-C: Outcomes and Risk Factors for Failure in Primary Angle-closure Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 101-107. | 1.6 | 14 |
| 38 | Bruch's membrane opening-minimum rim width and visual field loss in glaucoma: a broken stick analysis. <i>International Journal of Ophthalmology</i> , 2018, 11, 828-834. | 1.1 | 10 |
| 39 | A Method to Measure the Rate of Glaucomatous Visual Field Change. <i>Translational Vision Science and Technology</i> , 2018, 7, 14. | 2.2 | 22 |
| 40 | Comparison of methods to quantify macular and peripapillary vessel density in optical coherence tomography angiography. <i>PLoS ONE</i> , 2018, 13, e0205773. | 2.5 | 111 |
| 41 | The Fovea-BMO Axis Angle and Macular Thickness Vertical Asymmetry Across The Temporal Raphe. <i>Journal of Glaucoma</i> , 2018, 27, 993-998. | 1.6 | 8 |
| 42 | Spectral-Domain OCT: Helping the Clinician Diagnose Glaucoma. <i>Ophthalmology</i> , 2018, 125, 1817-1827. | 5.2 | 70 |
| 43 | Observational Outcomes of Initial Trabeculectomy With Mitomycin C in Patients of African Descent vs Patients of European Descent. <i>JAMA Ophthalmology</i> , 2018, 136, 1106. | 2.5 | 26 |
| 44 | The relationship between central visual field sensitivity and macular ganglion cell/inner plexiform layer thickness in glaucoma. <i>British Journal of Ophthalmology</i> , 2017, 101, 1052-1058. | 3.9 | 48 |
| 45 | Association of Structural and Functional Measures With Contrast Sensitivity in Glaucoma. <i>American Journal of Ophthalmology</i> , 2017, 178, 129-139. | 3.3 | 32 |
| 46 | Expert Evaluation of Visual Field Decay in Glaucoma Correlates With the Fast Component of Visual Field Loss. <i>Journal of Glaucoma</i> , 2017, 26, 902-910. | 1.6 | 2 |
| 47 | Magnetic Resonance Imaging of Optic Nerve Traction During Adduction in Primary Open-Angle Glaucoma With Normal Intraocular Pressure. , 2017, 58, 4114. | | 52 |
| 48 | Structure-Function Relationships in Perimetric Glaucoma: Comparison of Minimum-Rim Width and Retinal Nerve Fiber Layer Parameters. , 2017, 58, 4623. | | 16 |
| 49 | Vertical Macular Asymmetry Measures Derived From SD-OCT for Detection of Early Glaucoma. , 2017, 58, 4310. | | 17 |
| 50 | Optic Disc Image Subtraction as an Aid to Detect Glaucoma Progression. <i>Translational Vision Science and Technology</i> , 2017, 6, 14. | 2.2 | 2 |
| 51 | Optical coherence tomography angiography: A new tool in glaucoma diagnostics and research. <i>Journal of Ophthalmic and Vision Research</i> , 2017, 12, 325. | 1.0 | 6 |
| 52 | Enhancement of Visual Field Predictions with Pointwise Exponential Regression (PER) and Pointwise Linear Regression (PLR). <i>Translational Vision Science and Technology</i> , 2016, 5, 12. | 2.2 | 8 |
| 53 | Author Response: Comparison of Local Structure-Function Relationships and Dynamic Range in Glaucoma. , 2016, 57, 6406. | | 0 |
| 54 | The Relationship of the Clinical Disc Margin and Bruch's Membrane Opening in Normal and Glaucoma Subjects. , 2016, 57, 1468. | | 13 |

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| 55 | Macular SD-OCT Outcome Measures: Comparison of Local Structure-Function Relationships and Dynamic Range. , 2016, 57, 4815. | | 53 |
| 56 | Local Variability of Macular Thickness Measurements With SD-OCT and Influencing Factors. Translational Vision Science and Technology, 2016, 5, 5. | 2.2 | 30 |
| 57 | Same-site Trabeculectomy Revision for Failed Trabeculectomy: Outcomes and Risk Factors for Failure. American Journal of Ophthalmology, 2016, 170, 110-118. | 3.3 | 19 |
| 58 | Anterior segment optical coherence tomography in subtypes of angle closure glaucoma. Journal of Current Ophthalmology, 2016, 28, 159-160. | 0.8 | 1 |
| 59 | Trabeculectomy Can Improve Long-Term Visual Function in Glaucoma. Ophthalmology, 2016, 123, 117-128. | 5.2 | 80 |
| 60 | Optic Nerve Head and RNFL Imaging: Comparison of Technologies. , 2016, , 63-70. | | 1 |
| 61 | The Fast Component of Visual Field Decay Rate Correlates With Disc Rim Area Change Throughout the Entire Range of Glaucomatous Damage. , 2015, 56, 5997. | | 8 |
| 62 | Long-Term Bleb-Related Infections After Trabeculectomy: Incidence, Risk Factors, and Influence of Bleb Revision. American Journal of Ophthalmology, 2015, 159, 1082-1091. | 3.3 | 70 |
| 63 | Measuring rates of structural and functional change in glaucoma. British Journal of Ophthalmology, 2015, 99, 893-898. | 3.9 | 26 |
| 64 | Baseline Prognostic Factors Predict Rapid Visual Field Deterioration in Glaucoma. , 2014, 55, 2228. | | 46 |
| 65 | Selecting visual field tests and assessing visual field deterioration in glaucoma. Canadian Journal of Ophthalmology, 2014, 49, 497-505. | 0.7 | 19 |
| 66 | Influence of Correction of Ocular Magnification on Spectral-Domain OCT Retinal Nerve Fiber Layer Measurement Variability and Performance. , 2014, 55, 3439. | | 38 |
| 67 | Comparison of regression models for serial visual field analysis. Japanese Journal of Ophthalmology, 2014, 58, 504-514. | 1.9 | 7 |
| 68 | Effect of Cataract Extraction on the Visual Field Decay Rate in Patients With Glaucoma. JAMA Ophthalmology, 2014, 132, 1296. | 2.5 | 15 |
| 69 | Models of Glaucomatous Visual Field Loss. Investigative Ophthalmology and Visual Science, 2014, 55, 7881-7887. | 3.3 | 37 |
| 70 | Performance of the Visual Field Index in Glaucoma Patients With Moderately Advanced Visual Field Loss. American Journal of Ophthalmology, 2014, 157, 39-43. | 3.3 | 23 |
| 71 | Long-term Outcomes of Resident- Versus Attending-Performed Primary Trabeculectomy With Mitomycin C in a United States Residency Program. American Journal of Ophthalmology, 2014, 157, 1190-1201. | 3.3 | 39 |
| 72 | Influence of the Disc Fovea Angle on Limits of RNFL Variability and Glaucoma Discrimination. , 2014, 55, 7332. | | 46 |

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| 73 | Reply. American Journal of Ophthalmology, 2014, 158, 211-212. | 3.3 | 2 |
| 74 | Macular Ganglion Cell/Inner Plexiform Layer Measurements by Spectral Domain Optical Coherence Tomography for Detection of Early Glaucoma and Comparison to Retinal Nerve Fiber Layer Measurements. American Journal of Ophthalmology, 2013, 156, 1297-1307.e2. | 3.3 | 132 |
| 75 | Global and Pointwise Rates of Decay in Glaucoma Eyes Deteriorating according to Pointwise Event Analysis. , 2013, 54, 1208. | | 19 |
| 76 | Comparison of Results of Initial Trabeculectomy With Mitomycin C After Prior Clear-corneal Phacoemulsification to Outcomes in Phakic Eyes. Journal of Glaucoma, 2013, 22, 52-59. | 1.6 | 22 |
| 77 | Structure-Function Relationships between Spectral-Domain OCT and Standard Achromatic Perimetry. , 2012, 53, 2740. | | 66 |
| 78 | Validation of Point-Wise Exponential Regression to Measure the Decay Rates of Glaucomatous Visual Fields. , 2012, 53, 5403. | | 31 |
| 79 | Intraocular Pressure-Lowering Effect of 0.005% Latanoprost with Two Different Dosing Regimens. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 524-528. | 1.4 | 1 |
| 80 | EFFECT OF INTRAVITREAL BEVACIZUMAB ON RETROBULBAR BLOOD FLOW IN INJECTED AND UNINJECTED FELLOW EYES OF PATIENTS WITH NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2012, 32, 967-971. | 1.7 | 30 |
| 81 | Longitudinal Structure-Function Relationships With Scanning Laser Ophthalmoscopy and Standard Achromatic Perimetry. JAMA Ophthalmology, 2012, 130, 826. | 2.4 | 10 |
| 82 | Measurement of Optic Disc Size and Rim Area with Spectral-Domain OCT and Scanning Laser Ophthalmoscopy. , 2012, 53, 4519. | | 67 |
| 83 | Author Response: On Alternative Methods for Measuring Visual Field Decay: Tobit Linear Regression. , 2012, 53, 118. | | 8 |
| 84 | Pointwise Rates of Visual Field Progression Cluster according to Retinal Nerve Fiber Layer Bundles. , 2012, 53, 2390. | | 31 |
| 85 | Patterns of Damage in Chronic Angle-Closure Glaucoma Compared to Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2011, 152, 74-80.e2. | 3.3 | 21 |
| 86 | A Method to Measure and Predict Rates of Regional Visual Field Decay in Glaucoma. Investigative Ophthalmology and Visual Science, 2011, 52, 4765-4773. | 3.3 | 80 |
| 87 | Influence of Visual Field Testing Frequency on Detection of Glaucoma Progression With Trend Analyses. JAMA Ophthalmology, 2011, 129, 1521. | 2.4 | 40 |
| 88 | Detection of visual field progression in glaucoma with standard achromatic perimetry: A review and practical implications. Graefes' Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1593-1616. | 1.9 | 31 |
| 89 | Fluctuation of Intraocular Pressure as a Predictor of Visual Field Progression. JAMA Ophthalmology, 2008, 126, 1168. | 2.4 | 13 |
| 90 | Detection of Early Glaucoma With Optical Coherence Tomography (StratusOCT). Journal of Glaucoma, 2008, 17, 183-188. | 1.6 | 51 |

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| 91 | Comparison of Methods to Predict Visual Field Progression in Glaucoma. JAMA Ophthalmology, 2007, 125, 1176. | 2.4 | 65 |
| 92 | Optic Disk and Nerve Fiber Layer Imaging to Detect Glaucoma. American Journal of Ophthalmology, 2007, 144, 724-732. | 3.3 | 114 |
| 93 | Comparison of Retinal Nerve Fiber Layer Thickness and Optic Disk Algorithms with Optical Coherence Tomography to Detect Glaucoma. American Journal of Ophthalmology, 2006, 141, 105-115.e1. | 3.3 | 96 |
| 94 | Trabeculectomy With Mitomycin C in Pseudophakic Patients With Open-angle Glaucoma: Outcomes and Risk Factors For Failure. American Journal of Ophthalmology, 2006, 141, 652-659. | 3.3 | 103 |
| 95 | Trabeculectomy with Mitomycin C. Ophthalmology, 2006, 113, 930-936. | 5.2 | 172 |
| 96 | Outcomes of Laser Suture Lysis After Initial Trabeculectomy With Adjunctive Mitomycin C. Journal of Glaucoma, 2006, 15, 60-67. | 1.6 | 33 |
| 97 | Pointwise Linear Regression Analysis for Detection of Visual Field Progression with Absolute versus Corrected Threshold Sensitivities. , 2006, 47, 2896. | | 26 |
| 98 | Pointwise Linear Regression for Evaluation of Visual Field Outcomes and Comparison With the Advanced Glaucoma Intervention Study Methods. JAMA Ophthalmology, 2005, 123, 193. | 2.4 | 67 |
| 99 | Outcomes of Small-Incision Cataract Surgery in Eyes With Preexisting Ahmed Glaucoma Valves. American Journal of Ophthalmology, 2005, 140, 911-913. | 3.3 | 25 |
| 100 | Prediction of Visual Field Progression in Glaucoma. , 2004, 45, 4346. | | 72 |
| 101 | Predictive factors for glaucomatous visual field progression in the Advanced Glaucoma Intervention Study. Ophthalmology, 2004, 111, 1627-1635. | 5.2 | 629 |
| 102 | Identifying early glaucoma with optical coherence tomography. American Journal of Ophthalmology, 2004, 137, 228-235. | 3.3 | 157 |
| 103 | Visual field changes after cataract extraction: The AGIS experience. American Journal of Ophthalmology, 2004, 138, 1022-1028. | 3.3 | 70 |
| 104 | Comparison of Methods to Detect Visual Field Progression in Glaucoma. Ophthalmology, 1997, 104, 1228-1236. | 5.2 | 74 |
| 105 | Outcomes of Trabeculectomy for Primary Open-angle Glaucoma. Ophthalmology, 1995, 102, 1760-1769. | 5.2 | 146 |
| 106 | Editorial "An Alternate Technique for Goniotomy. Journal of Ophthalmic and Vision Research, 0, , . | 1.0 | 0 |