

Donald C Hood

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

11,263
citations

38742

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39675

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all docs

153
docs citations

153
times ranked

5123
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Glaucomatous damage of the macula. Progress in Retinal and Eye Research, 2013, 32, 1-21. | 15.5 | 687 |
| 2 | A framework for comparing structural and functional measures of glaucomatous damage. Progress in Retinal and Eye Research, 2007, 26, 688-710. | 15.5 | 594 |
| 3 | ISCEV standard for clinical multifocal electroretinography (mfERG) (2011 edition). Documenta Ophthalmologica, 2012, 124, 1-13. | 2.2 | 502 |
| 4 | Assessing retinal function with the multifocal technique. Progress in Retinal and Eye Research, 2000, 19, 607-646. | 15.5 | 412 |
| 5 | Automated layer segmentation of macular OCT images using dual-scale gradient information. Optics Express, 2010, 18, 21293. | 3.4 | 239 |
| 6 | Multifocal VEP and ganglion cell damage: applications and limitations for the study of glaucoma. Progress in Retinal and Eye Research, 2003, 22, 201-251. | 15.5 | 236 |
| 7 | Guidelines for basic multifocal electroretinography (mfERG). Documenta Ophthalmologica, 2003, 106, 105-115. | 2.2 | 230 |
| 8 | Retinal origins of the primate multifocal ERG: implications for the human response. Investigative Ophthalmology and Visual Science, 2002, 43, 1673-85. | 3.3 | 216 |
| 9 | Improving our understanding, and detection, of glaucomatous damage: An approach based upon optical coherence tomography (OCT). Progress in Retinal and Eye Research, 2017, 57, 46-75. | 15.5 | 214 |
| 10 | Shades of gray matter: Noninvasive optical images of human brain responses during visual stimulation. Psychophysiology, 1995, 32, 505-509. | 2.4 | 212 |
| 11 | Structure versus Function in Glaucoma: An Application of a Linear Model. , 2007, 48, 3662. | | 201 |
| 12 | Thickness of Receptor and Post-receptor Retinal Layers in Patients with Retinitis Pigmentosa Measured with Frequency-Domain Optical Coherence Tomography. , 2009, 50, 2328. | | 194 |
| 13 | A comparison of the components of the multifocal and full-field ERGs. Visual Neuroscience, 1997, 14, 533-544. | 1.0 | 186 |
| 14 | Retinal Ganglion Cell Layer Thickness and Local Visual Field Sensitivity in Glaucoma. JAMA Ophthalmology, 2011, 129, 1529. | 2.4 | 185 |
| 15 | A quantitative measure of the electrical activity of human rod photoreceptors using electroretinography. Visual Neuroscience, 1990, 5, 379-387. | 1.0 | 179 |
| 16 | Blood Vessel Contributions to Retinal Nerve Fiber Layer Thickness Profiles Measured With Optical Coherence Tomography. Journal of Glaucoma, 2008, 17, 519-528. | 1.6 | 177 |
| 17 | Prevalence and Nature of Early Glaucomatous Defects in the Central 10° of the Visual Field. JAMA Ophthalmology, 2014, 132, 291. | 2.5 | 175 |
| 18 | ISCEV guidelines for clinical multifocal electroretinography (2007 edition). Documenta Ophthalmologica, 2008, 116, 1-11. | 2.2 | 171 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | A computational model of the amplitude and implicit time of the b-wave of the human ERG. Visual Neuroscience, 1992, 8, 107-126. | 1.0 | 168 |
| 20 | Initial Arcuate Defects within the Central 10 Degrees in Glaucoma. , 2011, 52, 940. | | 157 |
| 21 | 24-2 Visual Fields Miss Central Defects Shown on 10-2 Tests in Glaucoma Suspects, Ocular Hypertensives, and Early Glaucoma. Ophthalmology, 2017, 124, 1449-1456. | 5.2 | 142 |
| 22 | The Multifocal Electroretinogram. Journal of Neuro-Ophthalmology, 2003, 23, 225-235. | 0.8 | 141 |
| 23 | Light adaptation of human rod receptors: the leading edge of the human a-wave and models of rod receptor activity. Vision Research, 1993, 33, 1605-1618. | 1.4 | 134 |
| 24 | The Nature of Macular Damage in Glaucoma as Revealed by Averaging Optical Coherence Tomography Data. Translational Vision Science and Technology, 2012, 1, 3. | 2.2 | 134 |
| 25 | Measurement of Local Retinal Ganglion Cell Layer Thickness in Patients With Glaucoma Using Frequency-Domain Optical Coherence Tomography. JAMA Ophthalmology, 2009, 127, 875. | 2.4 | 129 |
| 26 | Early Glaucoma Involves Both Deep Local, and Shallow Widespread, Retinal Nerve Fiber Damage of the Macular Region. , 2014, 55, 632. | | 129 |
| 27 | A Comparison of Fundus Autofluorescence and Retinal Structure in Patients with Stargardt Disease. , 2009, 50, 3953. | | 128 |
| 28 | b wave of the scotopic (rod) electroretinogram as a measure of the activity of human on-bipolar cells. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 623. | 1.5 | 127 |
| 29 | Human cone receptor activity: The leading edge of the a-wave and models of receptor activity. Visual Neuroscience, 1993, 10, 857-871. | 1.0 | 125 |
| 30 | Multifocal ERG and VEP responses and visual fields: comparing disease-related changes. , 2000, 100, 115-137. | | 121 |
| 31 | Assessment of local retinal function in patients with retinitis pigmentosa using the multi-focal ERG technique. Vision Research, 1998, 38, 163-179. | 1.4 | 117 |
| 32 | Evaluation of Inner Retinal Layers in Patients with Multiple Sclerosis or Neuromyelitis Optica Using Optical Coherence Tomography. Ophthalmology, 2013, 120, 387-394. | 5.2 | 111 |
| 33 | The Inner Segment/Outer Segment Border Seen on Optical Coherence Tomography Is Less Intense in Patients with Diminished Cone Function. , 2011, 52, 9703. | | 103 |
| 34 | Assessing abnormal rod photoreceptor activity with the a-wave of the electroretinogram: Applications and methods. Documenta Ophthalmologica, 1996, 92, 253-267. | 2.2 | 102 |
| 35 | Identifying inner retinal contributions to the human multifocal ERG. Vision Research, 1999, 39, 2285-2291. | 1.4 | 101 |
| 36 | The 24-2 Visual Field Test Misses Central Macular Damage Confirmed by the 10-2 Visual Field Test and Optical Coherence Tomography. Translational Vision Science and Technology, 2016, 5, 15. | 2.2 | 101 |

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| 37 | Visual Field Defects and Multifocal Visual Evoked Potentials. <i>JAMA Ophthalmology</i> , 2002, 120, 1672. | 2.4 | 100 |
| 38 | Quantifying the benefits of additional channels of multifocal VEP recording. <i>Documenta Ophthalmologica</i> , 2002, 104, 303-320. | 2.2 | 99 |
| 39 | Enhanced S cone syndrome: Evidence for an abnormally large number of S cones. <i>Vision Research</i> , 1995, 35, 1473-1481. | 1.4 | 98 |
| 40 | Detecting Early to Mild Glaucomatous Damage: A Comparison of the Multifocal VEP and Automated Perimetry. , 2004, 45, 492. | | 98 |
| 41 | A Test of a Linear Model of Glaucomatous Structureâ€“Function Loss Reveals Sources of Variability in Retinal Nerve Fiber and Visual Field Measurements. , 2009, 50, 4254. | | 98 |
| 42 | Phototransduction in human cones measured using the a-wave of the ERG. <i>Vision Research</i> , 1995, 35, 2801-2810. | 1.4 | 97 |
| 43 | Retinal Nerve Fiber Structure versus Visual Field Function in Patients with Ischemic Optic Neuropathy. <i>Ophthalmology</i> , 2008, 115, 904-910. | 5.2 | 93 |
| 44 | Photoresponses of human rods<i>in vivo</i> derived from paired-flash electroretinograms. <i>Visual Neuroscience</i> , 1997, 14, 73-82. | 1.0 | 92 |
| 45 | The Pattern Electroretinogram in Glaucoma Patients with Confirmed Visual Field Deficits. , 2005, 46, 2411. | | 88 |
| 46 | Association Between Undetected 10-2 Visual Field Damage and Vision-Related Quality of Life in Patients With Glaucoma. <i>JAMA Ophthalmology</i> , 2017, 135, 742. | 2.5 | 87 |
| 47 | Regional Variations in Local Contributions to the Primate Photopic Flash ERG: Revealed Using the Slow-Sequence mfERG. , 2003, 44, 3233. | | 86 |
| 48 | A Comparison of Progressive Loss of the Ellipsoid Zone (EZ) Band in Autosomal Dominant and X-Linked Retinitis Pigmentosa. , 2014, 55, 7417. | | 85 |
| 49 | The Multifocal Visual Evoked Potential. <i>Journal of Neuro-Ophthalmology</i> , 2003, 23, 279-289. | 0.8 | 81 |
| 50 | Quantitative Electroretinogram Measures of Phototransduction in Cone and Rod Photoreceptors. <i>JAMA Ophthalmology</i> , 2002, 120, 1045. | 2.4 | 79 |
| 51 | Evaluation of Inner Retinal Layers in Eyes With Temporal Hemianopic Visual Loss From Chiasmal Compression Using Optical Coherence Tomography. , 2014, 55, 3328. | | 76 |
| 52 | The Location of the Inferior and Superior Temporal Blood Vessels and Interindividual Variability of the Retinal Nerve Fiber Layer Thickness. <i>Journal of Glaucoma</i> , 2010, 19, 158-166. | 1.6 | 70 |
| 53 | Details of Glaucomatous Damage Are Better Seen on OCT En Face Images Than on OCT Retinal Nerve Fiber Layer Thickness Maps. , 2015, 56, 6208. | | 68 |
| 54 | Uptake of horseradish peroxidase by frog photoreceptor synapses in the dark and the light. <i>Nature</i> , 1974, 249, 261-263. | 27.8 | 67 |

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|----|---|-----|-----------|
| 55 | On improving the use of OCT imaging for detecting glaucomatous damage. British Journal of Ophthalmology, 2014, 98, ii1-ii9. | 3.9 | 67 |
| 56 | A Single Wide-Field OCT Protocol Can Provide Compelling Information for the Diagnosis of Early Glaucoma. Translational Vision Science and Technology, 2016, 5, 4. | 2.2 | 65 |
| 57 | Rates of Decline in Regions of the Visual Field Defined by Frequency-Domain Optical Coherence Tomography in Patients with RPCR-Mediated X-Linked Retinitis Pigmentosa. Ophthalmology, 2015, 122, 833-839. | 5.2 | 63 |
| 58 | Central Glaucomatous Damage of the Macula Can Be Overlooked by Conventional OCT Retinal Nerve Fiber Layer Thickness Analyses. Translational Vision Science and Technology, 2015, 4, 4. | 2.2 | 62 |
| 59 | Automated segmentation of outer retinal layers in macular OCT images of patients with retinitis pigmentosa. Biomedical Optics Express, 2011, 2, 2493. | 2.9 | 61 |
| 60 | Method for comparing visual field defects to local RNFL and RGC damage seen on frequency domain OCT in patients with glaucoma. Biomedical Optics Express, 2011, 2, 1097. | 2.9 | 60 |
| 61 | Effects of Dystrophin Isoforms on Signal Transduction through Neural Retina: Genotype Phenotype Analysis of Duchenne Muscular Dystrophy Mouse Mutants. Molecular Genetics and Metabolism, 1999, 66, 100-110. | 1.1 | 58 |
| 62 | Reliability of a Computer-Aided Manual Procedure for Segmenting Optical Coherence Tomography Scans. Optometry and Vision Science, 2011, 88, 113-123. | 1.2 | 57 |
| 63 | Relationships among Multifocal Electroretinogram Amplitude, Visual Field Sensitivity, and SD-OCT Receptor Layer Thicknesses in Patients with Retinitis Pigmentosa. , 2012, 53, 833. | | 57 |
| 64 | Abnormalities of the retinal cone system in retinitis pigmentosa. Vision Research, 1996, 36, 1699-1709. | 1.4 | 53 |
| 65 | Structure-Function Agreement Is Better Than Commonly Thought in Eyes With Early Glaucoma. , 2019, 60, 4241. | | 53 |
| 66 | The optic nerve head component of the monkey's (Macaca mulatta) multifocal electroretinogram (mERG). Vision Research, 2001, 41, 2029-2041. | 1.4 | 52 |
| 67 | FUNCTIONAL AND STRUCTURAL MEASUREMENTS FOR THE ASSESSMENT OF INTERNAL LIMITING MEMBRANE PEELING IN IDIOPATHIC MACULAR PUCKER. Retina, 2007, 27, 567-572. | 1.7 | 51 |
| 68 | Evaluation of the Structure Function Relationship in Glaucoma Using a Novel Method for Estimating the Number of Retinal Ganglion Cells in the Human Retina. , 2015, 56, 5548. | | 50 |
| 69 | Adaptive Optics Imaging of Healthy and Abnormal Regions of Retinal Nerve Fiber Bundles of Patients With Glaucoma. Investigative Ophthalmology and Visual Science, 2015, 56, 674-681. | 3.3 | 50 |
| 70 | Recovery kinetics of human rod phototransduction inferred from the two-branched a-wave saturation function. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 586. | 1.5 | 46 |
| 71 | Detecting Glaucomatous Damage with Multifocal Visual Evoked Potentials: How Can a Monocular Test Work?. Journal of Glaucoma, 2003, 12, 3-15. | 1.6 | 46 |
| 72 | Challenges to the Common Clinical Paradigm for Diagnosis of Glaucomatous Damage With OCT and Visual Fields. , 2018, 59, 788. | | 46 |

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| 73 | Sites of disease action in a retinal dystrophy with supernormal and delayed rod electroretinogram waves. <i>Vision Research</i> , 1996, 36, 889-901. | 1.4 | 44 |
| 74 | A Test of a Model of Glaucomatous Damage of the Macula With High-Density Perimetry: Implications for the Locations of Visual Field Test Points. <i>Translational Vision Science and Technology</i> , 2014, 3, 5. | 2.2 | 43 |
| 75 | Determining abnormal latencies of multifocal visual evoked potentials: a monocular analysis. <i>Documenta Ophthalmologica</i> , 2004, 109, 189-199. | 2.2 | 42 |
| 76 | A comparison of retinal nerve fiber layer (RNFL) thickness obtained with frequency and time domain optical coherence tomography (OCT). <i>Optics Express</i> , 2009, 17, 3997. | 3.4 | 41 |
| 77 | MACULAR ATROPHY IN BIRDSHOT RETINOCHOROIDOPATHY. <i>Retina</i> , 2010, 30, 930-937. | 1.7 | 41 |
| 78 | Improving Glaucoma Detection Using Spatially Correspondent Clusters of Damage and by Combining Standard Automated Perimetry and Optical Coherence Tomography. , 2014, 55, 612. | | 41 |
| 79 | A Comparison of Methods for Tracking Progression in X-Linked Retinitis Pigmentosa Using Frequency Domain OCT. <i>Translational Vision Science and Technology</i> , 2013, 2, 5. | 2.2 | 40 |
| 80 | Near-Infrared Autofluorescence: Its Relationship to Short-Wavelength Autofluorescence and Optical Coherence Tomography in Recessive Stargardt Disease. , 2015, 56, 3226. | | 40 |
| 81 | Modifying the Conventional Visual Field Test Pattern to Improve the Detection of Early Glaucomatous Defects in the Central 10°. <i>Translational Vision Science and Technology</i> , 2014, 3, 6. | 2.2 | 36 |
| 82 | Detecting glaucoma with only OCT: Implications for the clinic, research, screening, and AI development. <i>Progress in Retinal and Eye Research</i> , 2022, 90, 101052. | 15.5 | 36 |
| 83 | Relating retinal nerve fiber thickness to behavioral sensitivity in patients with glaucoma: application of a linear model. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2007, 24, 1426. | 1.5 | 34 |
| 84 | A comparison of multifocal ERG and frequency domain OCT changes in patients with abnormalities of the retina. <i>Documenta Ophthalmologica</i> , 2010, 120, 175-186. | 2.2 | 33 |
| 85 | Association of Glaucoma-Related, Optical Coherence Tomography-Measured Macular Damage With Vision-Related Quality of Life. <i>JAMA Ophthalmology</i> , 2017, 135, 783. | 2.5 | 33 |
| 86 | Determining abnormal interocular latencies of multifocal visual evoked potentials. <i>Documenta Ophthalmologica</i> , 2004, 109, 177-187. | 2.2 | 32 |
| 87 | Evaluation of a One-Page Report to Aid in Detecting Glaucomatous Damage. <i>Translational Vision Science and Technology</i> , 2014, 3, 8. | 2.2 | 32 |
| 88 | Reliability of a Manual Procedure for Marking the EZ Endpoint Location in Patients with Retinitis Pigmentosa. <i>Translational Vision Science and Technology</i> , 2016, 5, 6. | 2.2 | 31 |
| 89 | Four Questions for Every Clinician Diagnosing and Monitoring Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 657-664. | 1.6 | 31 |
| 90 | Macular Damage, as Determined by Structure-Function Staging, Is Associated With Worse Vision-related Quality of Life in Early Glaucoma. <i>American Journal of Ophthalmology</i> , 2018, 194, 88-94. | 3.3 | 30 |

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| 91 | Quantitative Fundus Autofluorescence and Optical Coherence Tomography in ABCA4 Carriers. , 2015, 56, 7274. | | 28 |
| 92 | A Region-of-Interest Approach for Detecting Progression of Glaucomatous Damage With Optical Coherence Tomography. JAMA Ophthalmology, 2015, 133, 1438. | 2.5 | 28 |
| 93 | The Locations of Circumpapillary Glaucomatous Defects Seen on Frequency-Domain OCT Scans. , 2013, 54, 7338. | | 27 |
| 94 | A Comparison of En Face Optical Coherence Tomography and Fundus Autofluorescence in Stargardt Disease. , 2017, 58, 5227. | | 25 |
| 95 | Confocal Adaptive Optics Imaging of Peripapillary Nerve Fiber Bundles: Implications for Glaucomatous Damage Seen on Circumpapillary OCT Scans. Translational Vision Science and Technology, 2015, 4, 12. | 2.2 | 23 |
| 96 | Technology and the Glaucoma Suspect. , 2016, 57, OCT80. | | 23 |
| 97 | Contrast response functions for multifocal visual evoked potentials: A test of a model relating V1 activity to multifocal visual evoked potentials activity. Journal of Vision, 2006, 6, 4. | 0.3 | 22 |
| 98 | Objective measurement of visual function in glaucoma. Current Opinion in Ophthalmology, 2003, 14, 78-82. | 2.9 | 21 |
| 99 | Deriving visual field loss based upon OCT of inner retinal thicknesses of the macula. Biomedical Optics Express, 2011, 2, 1734. | 2.9 | 21 |
| 100 | Does Retinal Ganglion Cell Loss Precede Visual Field Loss in Glaucoma?. Journal of Glaucoma, 2019, 28, 945-951. | 1.6 | 21 |
| 101 | Heterogeneity in retinal disease and the computational model of the human-rod response. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1993, 10, 1624. | 1.5 | 20 |
| 102 | An Automated Method for Assessing Topographical Structure-Function Agreement in Abnormal Glaucomatous Regions. Translational Vision Science and Technology, 2020, 9, 14. | 2.2 | 20 |
| 103 | Effectiveness of a Qualitative Approach Toward Evaluating OCT Imaging for Detecting Glaucomatous Damage. Translational Vision Science and Technology, 2018, 7, 7. | 2.2 | 19 |
| 104 | Evaluation of a Method for Estimating Retinal Ganglion Cell Counts Using Visual Fields and Optical Coherence Tomography. , 2015, 56, 2254. | | 17 |
| 105 | Defects Along Blood Vessels in Glaucoma Suspects and Patients. , 2016, 57, 1680. | | 17 |
| 106 | The Association Between Clinical Features Seen on Fundus Photographs and Glaucomatous Damage Detected on Visual Fields and Optical Coherence Tomography Scans. Journal of Glaucoma, 2017, 26, 498-504. | 1.6 | 17 |
| 107 | Diffuse Macular Damage in Mild to Moderate Glaucoma Is Associated With Decreased Visual Function Scores Under Low Luminance Conditions. American Journal of Ophthalmology, 2019, 208, 415-420. | 3.3 | 17 |
| 108 | Rod photoreceptor transduction is affected in central retinal vein occlusion associated with iris neovascularization. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 572. | 1.5 | 16 |

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| 109 | A comparison of structural and functional changes in patients screened for hydroxychloroquine retinopathy. <i>Documenta Ophthalmologica</i> , 2015, 130, 13-23. | 2.2 | 16 |
| 110 | Macular Damage in Glaucoma is Associated With Deficits in Facial Recognition. <i>American Journal of Ophthalmology</i> , 2020, 217, 1-9. | 3.3 | 16 |
| 111 | A method for comparing psychophysical and multifocal electroretinographic increment thresholds. <i>Vision Research</i> , 2002, 42, 257-269. | 1.4 | 15 |
| 112 | Rod and Cone Photoreceptor Function in Patients with Cone Dystrophy. , 2004, 45, 275. | | 15 |
| 113 | Schisis of the Retinal Nerve Fiber Layer in Epiretinal Membranes. <i>American Journal of Ophthalmology</i> , 2019, 207, 304-312. | 3.3 | 15 |
| 114 | Optical Coherence Tomography Can Be Used to Assess Glaucomatous Optic Nerve Damage in Most Eyes With High Myopia. <i>Journal of Glaucoma</i> , 2020, 29, 833-845. | 1.6 | 15 |
| 115 | Disc Hemorrhages Are Associated With the Presence and Progression of Glaucomatous Central Visual Field Defects. <i>Journal of Glaucoma</i> , 2020, 29, 429-434. | 1.6 | 15 |
| 116 | Electrophysiologic imaging of retinal and optic nerve damage: the multifocal technique. <i>Ophthalmology Clinics of North America</i> , 2004, 17, 69-88. | 1.8 | 13 |
| 117 | Progression of Local Glaucomatous Damage Near Fixation as Seen with Adaptive Optics Imaging. <i>Translational Vision Science and Technology</i> , 2017, 6, 6. | 2.2 | 13 |
| 118 | Evaluation of a Qualitative Approach for Detecting Glaucomatous Progression Using Wide-Field Optical Coherence Tomography Scans. <i>Translational Vision Science and Technology</i> , 2018, 7, 5. | 2.2 | 13 |
| 119 | Evaluation of a Region-of-Interest Approach for Detecting Progressive Glaucomatous Macular Damage on Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2018, 7, 14. | 2.2 | 13 |
| 120 | An Evaluation of a New 24-2 Metric for Detecting Early Central Glaucomatous Damage. <i>American Journal of Ophthalmology</i> , 2021, 223, 119-128. | 3.3 | 13 |
| 121 | [13] Electroretinographic determination of human Rod flash response in vivo. <i>Methods in Enzymology</i> , 2000, 316, 202-223. | 1.0 | 12 |
| 122 | The multifocal visual evoked potential and cone-isolating stimuli: Implications for L- to M-cone ratios and normalization. <i>Journal of Vision</i> , 2002, 2, 4-4. | 0.3 | 12 |
| 123 | Abnormal multifocal ERG findings in patients with normal-appearing retinal anatomy. <i>Documenta Ophthalmologica</i> , 2011, 123, 187-192. | 2.2 | 12 |
| 124 | Detecting Glaucoma With Visual Fields Derived From Frequency-Domain Optical Coherence Tomography. , 2013, 54, 3289. | | 11 |
| 125 | Detecting Glaucomatous Progression With a Region-of-Interest Approach on Optical Coherence Tomography: A Signal-to-Noise Evaluation. <i>Translational Vision Science and Technology</i> , 2018, 7, 19. | 2.2 | 11 |
| 126 | Detection of Progression With 10-2 Standard Automated Perimetry: Development and Validation of an Event-Based Algorithm. <i>American Journal of Ophthalmology</i> , 2020, 216, 37-43. | 3.3 | 11 |

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| 127 | Rod transduction parameters from the a wave of local receptor populations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1995, 12, 2259. | 1.5 | 10 |
| 128 | OCT Circle Scans Can Be Used to Study Many Eyes with Advanced Glaucoma. Ophthalmology Glaucoma, 2019, 2, 130-135. | 1.9 | 10 |
| 129 | Strategies to Improve Convolutional Neural Network Generalizability and Reference Standards for Glaucoma Detection From OCT Scans. Translational Vision Science and Technology, 2021, 10, 16. | 2.2 | 10 |
| 130 | Global optical coherence tomography measures for detecting the progression of glaucoma have fundamental flaws. Eye, 2021, 35, 2973-2982. | 2.1 | 10 |
| 131 | The OCT RNFL Probability Map and Artifacts Resembling Glaucomatous Damage. Translational Vision Science and Technology, 2022, 11, 18. | 2.2 | 10 |
| 132 | A Topographic Comparison of OCT Minimum Rim Width (BMO-MRW) and Circumpapillary Retinal Nerve Fiber Layer (cRNFL) Thickness Measures in Eyes With or Suspected Glaucoma. Journal of Glaucoma, 2020, 29, 671-680. | 1.6 | 9 |
| 133 | Association of Patterns of Glaucomatous Macular Damage With Contrast Sensitivity and Facial Recognition in Patients With Glaucoma. JAMA Ophthalmology, 2021, 139, 27. | 2.5 | 9 |
| 134 | Rod photoreceptor temporal properties in retinitis pigmentosa. Experimental Eye Research, 2011, 92, 202-208. | 2.6 | 8 |
| 135 | Unilateral retinopathy secondary to occult primary intraocular lymphoma. Documenta Ophthalmologica, 2013, 127, 261-269. | 2.2 | 8 |
| 136 | Comparison of Widefield and Circumpapillary Circle Scans for Detecting Glaucomatous Neuroretinal Thinning on Optical Coherence Tomography. Translational Vision Science and Technology, 2018, 7, 11. | 2.2 | 8 |
| 137 | Variability and Power to Detect Progression of Different Visual Field Patterns. Ophthalmology Glaucoma, 2021, 4, 617-623. | 1.9 | 7 |
| 138 | Electrophysiology. Ophthalmology Clinics of North America, 2003, 16, 237-251. | 1.8 | 6 |
| 139 | Imaging Glaucoma. Annual Review of Vision Science, 2015, 1, 51-72. | 4.4 | 5 |
| 140 | On relating physiology to sensation. Behavioral and Brain Sciences, 1981, 4, 195-195. | 0.7 | 4 |
| 141 | Qualitative evaluation of neuroretinal rim and retinal nerve fibre layer on optical coherence tomography to detect glaucomatous damage. British Journal of Ophthalmology, 2020, 104, 980-984. | 3.9 | 4 |
| 142 | Detecting Progression in Advanced Glaucoma: Are Optical Coherence Tomography Global Metrics Viable Measures?. Optometry and Vision Science, 2021, 98, 518-530. | 1.2 | 4 |
| 143 | The 24-2 Visual Field Guided Progression Analysis Can Miss the Progression of Glaucomatous Damage of the Macula Seen Using OCT. Ophthalmology Glaucoma, 2022, 5, 614-627. | 1.9 | 4 |
| 144 | Auto-immune-like cone dystrophy. Documenta Ophthalmologica, 2004, 109, 215-221. | 2.2 | 3 |

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| 145 | Deep Defects Seen on Visual Fields Spatially Correspond Well to Loss of Retinal Nerve Fiber Layer Seen on Circumpapillary OCT Scans. , 2018, 59, 621. | | 3 |
| 146 | Did the OCT Show Progression Since the Last Visit?. Journal of Glaucoma, 2021, 30, e134-e145. | 1.6 | 3 |
| 147 | Abnormal Rod Photoreceptor Function in Retinitis Pigmentosa. , 1995, , 359-370. | | 3 |
| 148 | Association of Macular Optical Coherence Tomography Measures and Deficits in Facial Recognition in Patients With Glaucoma. JAMA Ophthalmology, 2021, 139, 486. | 2.5 | 2 |
| 149 | Author Response: Challenges to the Common Clinical Paradigm for Diagnosis of Glaucomatous Damage With OCT and Visual Fields. , 2018, 59, 5524. | | 1 |
| 150 | Reply. Ophthalmology, 2018, 125, e27-e28. | 5.2 | 0 |
| 151 | The Use of Multifocal Electroretinograms and Multifocal Visual Evoked Potentials in Optic Nerve Disorders. , 2014, , 325-351. | | 0 |
| 152 | The Use of Multifocal Electroretinograms and Visual Evoked Potentials in Diagnosing Optic Nerve Disorders. , 2007, , 245-269. | | 0 |
| 153 | Structureâ€function analysis for macular surgery in patients with coexisting glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1. | 1.9 | 0 |