

Jacque L Duncan

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

5,380
citations

147566

31
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149479

56
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114
all docs

114
docs citations

114
times ranked

4949
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Correlation Between Localized Choriocapillaris Perfusion and Macular Function in Eyes with Geographic Atrophy. <i>American Journal of Ophthalmology</i> , 2022, 234, 174-182. | 1.7 | 7 |
| 2 | Choriocapillaris Changes in Myopic Macular Degeneration. <i>Translational Vision Science and Technology</i> , 2022, 11, 37. | 1.1 | 7 |
| 3 | VALIDATION OF A DEEP LEARNING-BASED ALGORITHM FOR SEGMENTATION OF THE ELLIPSOID ZONE ON OPTICAL COHERENCE TOMOGRAPHY IMAGES OF AN USH2A-RELATED RETINAL DEGENERATION CLINICAL TRIAL. <i>Retina</i> , 2022, 42, 1347-1355. | 1.0 | 5 |
| 4 | Tissue-specific genotype-phenotype correlations among USH2A-related disorders in the RUSH2A study. <i>Human Mutation</i> , 2022, 43, 613-624. | 1.1 | 10 |
| 5 | The RUSH2A Study: Dark-Adapted Visual Fields in Patients With Retinal Degeneration Associated With Biallelic Variants in the <i>USH2A</i> Gene. , 2022, 63, 17. | | 7 |
| 6 | Expanding the phenotype of TTLL5-associated retinal dystrophy: a case series. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 146. | 1.2 | 3 |
| 7 | Chorioretinal Findings as the Initial Presentation of Chronic Granulomatous Disease. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2022, 53, 234-238. | 0.4 | 1 |
| 8 | PRESUMED FOVEAL BACILLARY LAYER DETACHMENT IN A PATIENT WITH TOXOPLASMOSIS CHORIORETINITIS AND PACHYCHOROID DISEASE. <i>Retinal Cases and Brief Reports</i> , 2021, 15, 391-398. | 0.3 | 63 |
| 9 | Promises and pitfalls of evaluating photoreceptor-based retinal disease with adaptive optics scanning light ophthalmoscopy (AOSLO). <i>Progress in Retinal and Eye Research</i> , 2021, 83, 100920. | 7.3 | 29 |
| 10 | Response to: Comment on: Dark without pressure retinal changes in a paediatric age group. <i>Eye</i> , 2021, 35, 3173-3173. | 1.1 | 0 |
| 11 | PHENOTYPIC HETEROGENEITY IN A FAMILY WITH X-LINKED FAMILIAL EXUDATIVE VITREORETINOPATHY WITH PREVENTION OF VISUAL LOSS IN AN AFFECTED MALE CHILD WITH LASER TREATMENT IN INFANCY. <i>Retinal Cases and Brief Reports</i> , 2021, 15, 324-329. | 0.3 | 1 |
| 12 | Dark without pressure retinal changes in a paediatric age group. <i>Eye</i> , 2021, 35, 1221-1227. | 1.1 | 5 |
| 13 | Biometrics, Impact, and Significance of Basal Linear Deposit and Subretinal Drusenoid Deposit in Age-Related Macular Degeneration. , 2021, 62, 33. | | 40 |
| 14 | LEBER CONGENITAL AMAUROSIS DUE TO CEP290 MUTATIONS-SEVERE VISION IMPAIRMENT WITH A HIGH UNMET MEDICAL NEED. <i>Retina</i> , 2021, 41, 898-907. | 1.0 | 24 |
| 15 | Auditory and olfactory findings in patients with USH2A-related retinal degeneration-Findings at baseline from the rate of progression in USH2A-related retinal degeneration natural history study () Tj ETQq1 1 0x784314 r8BT /Over | | |
| 16 | Retinal Degeneration Secondary to MERTK Mutations: Potential Candidate for Gene Therapy. <i>International Ophthalmology Clinics</i> , 2021, 61, 143-148. | 0.3 | 0 |
| 17 | Deciphering the genetic architecture and ethnographic distribution of IRD in three ethnic populations by whole genome sequence analysis. <i>PLoS Genetics</i> , 2021, 17, e1009848. | 1.5 | 13 |
| 18 | Allele-specific gene editing to rescue dominant CRX-associated LCA7 phenotypes in a retinal organoid model. <i>Stem Cell Reports</i> , 2021, 16, 2690-2702. | 2.3 | 28 |

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|----|--|-----|-----------|
| 19 | Comparative Natural History of Visual Function From Patients With Biallelic Variants in <i>BBS1</i> and <i>BBS10</i> . , 2021, 62, 26. | | 11 |
| 20 | Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. Translational Vision Science and Technology, 2020, 9, 2. | 1.1 | 56 |
| 21 | ABUNDANCE AND MULTIMODAL VISIBILITY OF SOFT DRUSEN IN EARLY AGE-RELATED MACULAR DEGENERATION. Retina, 2020, 40, 1644-1648. | 1.0 | 18 |
| 22 | The RUSH2A Study: Best-Corrected Visual Acuity, Full-Field Electroretinography Amplitudes, and Full-Field Stimulus Thresholds at Baseline. Translational Vision Science and Technology, 2020, 9, 9. | 1.1 | 31 |
| 23 | Comparing Cone Structure and Function in <i>RHO</i> and <i>RPGR</i> -Associated Retinitis Pigmentosa. , 2020, 61, 42. | | 18 |
| 24 | Biallelic variants in the RNA exosome gene <i>EXOSC5</i> are associated with developmental delays, short stature, cerebellar hypoplasia and motor weakness. Human Molecular Genetics, 2020, 29, 2218-2239. | 1.4 | 19 |
| 25 | Perspectives on Gene Therapy: Choroideremia Represents a Challenging Model for the Treatment of Other Inherited Retinal Degenerations. Translational Vision Science and Technology, 2020, 9, 17. | 1.1 | 11 |
| 26 | Baseline Visual Field Findings in the RUSH2A Study: Associated Factors and Correlation With Other Measures of Disease Severity. American Journal of Ophthalmology, 2020, 219, 87-100. | 1.7 | 22 |
| 27 | OCT Angiography to Predict Geographic Atrophy Progression using Choriocapillaris Flow Void as a Biomarker. Translational Vision Science and Technology, 2020, 9, 6. | 1.1 | 13 |
| 28 | Automated morphometric measurement of the retinal pigment epithelium complex and choriocapillaris using swept source OCT. Biomedical Optics Express, 2020, 11, 1834. | 1.5 | 11 |
| 29 | Loss of Foveal Cone Structure Precedes Loss of Visual Acuity in Patients With Rod-Cone Degeneration. , 2019, 60, 3187. | | 19 |
| 30 | Gene Therapy for Choroideremia—Progress and Remaining Questions. JAMA Ophthalmology, 2019, 137, 1254. | 1.4 | 6 |
| 31 | Influence of eye pigmentation on retinal degeneration in P23H and S334ter mutant rhodopsin transgenic rats. Experimental Eye Research, 2019, 187, 107755. | 1.2 | 19 |
| 32 | <p>Quantifying choriocapillaris hypoperfusion in patients with choroidal neovascularization using swept-source OCT angiography</p>. Clinical Ophthalmology, 2019, Volume 13, 1613-1620. | 0.9 | 12 |
| 33 | Cone Spacing Correlates With Retinal Thickness and Microperimetry in Patients With Inherited Retinal Degenerations. , 2019, 60, 1234. | | 26 |
| 34 | Ciliary Neurotrophic Factor Treatment Improves Retinal Structure and Function in Macular Telangiectasia Type 2. Ophthalmology, 2019, 126, 550-551. | 2.5 | 4 |
| 35 | Understanding Ocular Inflammation in Eyes Treated With Intravitreal Gene Therapy. JAMA Ophthalmology, 2019, 137, 407. | 1.4 | 2 |
| 36 | Cone Structure Persists Beyond Margins of Short-Wavelength Autofluorescence in Choroideremia. , 2019, 60, 4931. | | 13 |

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|----|---|-----|-----------|
| 37 | CHOROIDEREMIA. <i>Retina</i> , 2019, 39, 2059-2069. | 1.0 | 23 |
| 38 | Dysflective Cones. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 133-137. | 0.8 | 12 |
| 39 | Multimodal Imaging in Choroideremia. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 139-143. | 0.8 | 8 |
| 40 | Quantifying Choriocapillaris Flow Voids in Patients With Geographic Atrophy Using Swept-Source OCT Angiography. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019, 50, e229-e235. | 0.4 | 7 |
| 41 | Phenotypic characterization of P23H and S334ter rhodopsin transgenic rat models of inherited retinal degeneration. <i>Experimental Eye Research</i> , 2018, 167, 56-90. | 1.2 | 72 |
| 42 | High-resolution Imaging in Male Germ Cell-Associated Kinase (MAK)-related Retinal Degeneration. <i>American Journal of Ophthalmology</i> , 2018, 185, 32-42. | 1.7 | 4 |
| 43 | OCT Angiography and Cone Photoreceptor Imaging in Geographic Atrophy. , 2018, 59, 5985. | | 15 |
| 44 | Inherited Retinal Degenerations: Current Landscape and Knowledge Gaps. <i>Translational Vision Science and Technology</i> , 2018, 7, 6. | 1.1 | 168 |
| 45 | Relationship Between Foveal Cone Structure and Visual Acuity Measured With Adaptive Optics Scanning Laser Ophthalmoscopy in Retinal Degeneration. , 2018, 59, 3385. | | 41 |
| 46 | Cobalamin D Deficiency Identified Through Newborn Screening. <i>JIMD Reports</i> , 2018, 44, 73-77. | 0.7 | 5 |
| 47 | Visual Consequences of Delivering Therapies to the Subretinal Space. <i>JAMA Ophthalmology</i> , 2017, 135, 242. | 1.4 | 7 |
| 48 | Genetic analysis of 10 pedigrees with inherited retinal degeneration by exome sequencing and phenotype-genotype association. <i>Physiological Genomics</i> , 2017, 49, 216-229. | 1.0 | 23 |
| 49 | Inner retinal dystrophy in a patient with biallelic sequence variants in <i>BRAT1</i> . <i>Ophthalmic Genetics</i> , 2017, 38, 559-561. | 0.5 | 6 |
| 50 | A mutation in IFT43 causes non-syndromic recessive retinal degeneration. <i>Human Molecular Genetics</i> , 2017, 26, 4741-4751. | 1.4 | 10 |
| 51 | Dysflective cones: Visual function and cone reflectivity in long-term follow-up of acute bilateral foveolitis. <i>American Journal of Ophthalmology Case Reports</i> , 2017, 7, 14-19. | 0.4 | 31 |
| 52 | Performance of real-world functional vision tasks by blind subjects improves after implantation with the Argus® II retinal prosthesis system. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 152-159. | 1.3 | 80 |
| 53 | Improvements in vision-related quality of life in blind patients implanted with the Argus II Epiretinal Prosthesis. <i>Australasian journal of optometry, The</i> , 2017, 100, 144-150. | 0.6 | 49 |
| 54 | Whole Genome Sequencing Revealed Mutations in Two Independent Genes as the Underlying Cause of Retinal Degeneration in an Ashkenazi Jewish Pedigree. <i>Genes</i> , 2017, 8, 210. | 1.0 | 14 |

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|----|--|-----|-----------|
| 55 | Photoreceptor-Based Biomarkers in AOSLO Retinal Imaging. , 2017, 58, BIO255. | | 38 |
| 56 | Ocular Phenotype of a Family with FAM161A-associated Retinal Degeneration. Ophthalmic Genetics, 2016, 37, 1-9. | 0.5 | 13 |
| 57 | Ocular findings in a patient with fucosidosis. American Journal of Ophthalmology Case Reports, 2016, 4, 83-86. | 0.4 | 3 |
| 58 | A missense mutation inASRGL1is involved in causing autosomal recessive retinal degeneration. Human Molecular Genetics, 2016, 25, ddw113. | 1.4 | 16 |
| 59 | Long-term Follow-up of Patients With Retinitis Pigmentosa Receiving Intraocular Ciliary Neurotrophic Factor Implants. American Journal of Ophthalmology, 2016, 170, 10-14. | 1.7 | 89 |
| 60 | An analysis of observerâ€rated functional vision in patients implanted with the Argus II Retinal Prosthesis System at three years. Australasian journal of optometry, The, 2016, 99, 227-232. | 0.6 | 53 |
| 61 | Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. Ophthalmology, 2016, 123, 2248-2254. | 2.5 | 281 |
| 62 | Col4a1 mutations cause progressive retinal neovascular defects and retinopathy. Scientific Reports, 2016, 6, 18602. | 1.6 | 38 |
| 63 | Spontaneous Regeneration of Human Photoreceptor Outer Segments. Scientific Reports, 2015, 5, 12364. | 1.6 | 36 |
| 64 | Adaptive Optics Ophthalmoscopy. Annual Review of Vision Science, 2015, 1, 19-50. | 2.3 | 124 |
| 65 | DIRECTIONAL OPTICAL COHERENCE TOMOGRAPHY PROVIDES ACCURATE OUTER NUCLEAR LAYER AND HENLE FIBER LAYER MEASUREMENTS. Retina, 2015, 35, 1511-1520. | 1.0 | 118 |
| 66 | Repeatability of Cone Spacing Measures in Eyes With Inherited Retinal Degenerations. , 2015, 56, 6179. | | 28 |
| 67 | Correlation of Serial Scleral and Corneal Pneumatometry. Ophthalmology, 2015, 122, 1771-1776. | 2.5 | 17 |
| 68 | Correlation of Outer Nuclear Layer Thickness With Cone Density Values in Patients With Retinitis Pigmentosa and Healthy Subjects. Investigative Ophthalmology and Visual Science, 2015, 56, 372-381. | 3.3 | 60 |
| 69 | Adaptive Optics Microperimetry and OCT Images Show Preserved Function and Recovery of Cone Visibility in Macular Telangiectasia Type 2 Retinal Lesions. Investigative Ophthalmology and Visual Science, 2015, 56, 778-786. | 3.3 | 80 |
| 70 | The reliability of parafoveal cone density measurements. British Journal of Ophthalmology, 2014, 98, 1126-1131. | 2.1 | 33 |
| 71 | Effects of the Absence of Apolipoprotein E on Lipoproteins, Neurocognitive Function, and Retinal Function. JAMA Neurology, 2014, 71, 1228. | 4.5 | 79 |
| 72 | Randomized Trial of Ciliary Neurotrophic Factor Delivered by Encapsulated Cell Intraocular Implants for Retinitis Pigmentosa. American Journal of Ophthalmology, 2013, 156, 283-292.e1. | 1.7 | 161 |

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|----|--|-----|-----------|
| 73 | Cone Structure in Patients With Usher Syndrome Type III and Mutations in the Clarin 1 Gene. JAMA Ophthalmology, 2013, 131, 67. | 1.4 | 34 |
| 74 | Relationship Between Foveal Cone Structure and Clinical Measures of Visual Function in Patients With Inherited Retinal Degenerations. , 2013, 54, 5836. | | 81 |
| 75 | High-Resolution Images of Retinal Structure in Patients with Choroideremia. , 2013, 54, 950. | | 83 |
| 76 | Cone Structure Imaged With Adaptive Optics Scanning Laser Ophthalmoscopy in Eyes With Nonneovascular Age-Related Macular Degeneration. , 2013, 54, 7498. | | 69 |
| 77 | Mutations in the small nuclear riboprotein 200 kDa gene (SNRNP200) cause 1.6% of autosomal dominant retinitis pigmentosa. Molecular Vision, 2013, 19, 2407-17. | 1.1 | 20 |
| 78 | Identification of a Novel Mutation in the CDHR1 Gene in a Family With Recessive Retinal Degeneration. JAMA Ophthalmology, 2012, 130, 1301. | 2.6 | 49 |
| 79 | Discordant Anatomical, Electrophysiological, and Visual Behavioral Profiles of Retinal Degeneration in Rat Models of Retinal Degenerative Disease. , 2012, 53, 6232. | | 39 |
| 80 | Observation of cone and rod photoreceptors in normal subjects and patients using a new generation adaptive optics scanning laser ophthalmoscope. Biomedical Optics Express, 2011, 2, 2189. | 1.5 | 147 |
| 81 | Cone Structure in Retinal Degeneration Associated with Mutations in the <i>peripherin/RDS</i> Gene. , 2011, 52, 1557. | | 55 |
| 82 | Longitudinal Study of Cone Photoreceptors during Retinal Degeneration and in Response to Ciliary Neurotrophic Factor Treatment. , 2011, 52, 2219. | | 249 |
| 83 | Heterogeneous patterns of tissue injury in NARP syndrome. Journal of Neurology, 2011, 258, 440-448. | 1.8 | 48 |
| 84 | BBS genotype-phenotype assessment of a multiethnic patient cohort calls for a revision of the disease definition. Human Mutation, 2011, 32, 610-619. | 1.1 | 100 |
| 85 | Abnormal Cone Structure in Foveal Schisis Cavities in X-Linked Retinoschisis from Mutations in Exon 6 of the <i>RS1</i> Gene. , 2011, 52, 9614. | | 38 |
| 86 | Mutations in chaperonin-like BBS genes are a major contributor to disease development in a multiethnic Bardet-Biedl syndrome patient population. Journal of Medical Genetics, 2010, 47, 453-463. | 1.5 | 84 |
| 87 | Traction centered nasal to the optic nerve head in high myopic observers. Journal of Modern Optics, 2009, 56, 2272-2294. | 0.6 | 0 |
| 88 | Adaptive Optics Scanning Laser Ophthalmoscopy Images in a Family with the Mitochondrial DNA T8993C Mutation. , 2009, 50, 1838. | | 56 |
| 89 | Sustained delivery of NT-3 from lens fiber cells in transgenic mice reveals specificity of neuroprotection in retinal degenerations. Journal of Comparative Neurology, 2008, 511, 724-735. | 0.9 | 18 |
| 90 | Retinal TrkB receptors regulate neural development in the inner, but not outer, retina. Molecular and Cellular Neurosciences, 2008, 38, 431-443. | 1.0 | 53 |

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| 91 | Vesicular Glutamate Transporter 1 Is Required for Photoreceptor Synaptic Signaling But Not For Intrinsic Visual Functions. <i>Journal of Neuroscience</i> , 2007, 27, 7245-7255. | 1.7 | 45 |
| 92 | Rapid and Stable Knockdown of an Endogenous Gene in Retinal Pigment Epithelium. <i>Human Gene Therapy</i> , 2007, 18, 871-880. | 1.4 | 22 |
| 93 | Molecular and Cellular Alterations Induced by Sustained Expression of Ciliary Neurotrophic Factor in a Mouse Model of Retinitis Pigmentosa. , 2007, 48, 1389. | | 70 |
| 94 | Neurotrophic Factors Minimize the Retinal Toxicity of Verteporfin Photodynamic Therapy. , 2007, 48, 430. | | 26 |
| 95 | High-Resolution Imaging with Adaptive Optics in Patients with Inherited Retinal Degeneration. , 2007, 48, 3283. | | 241 |
| 96 | High-Resolution In Vivo Imaging of the RPE Mosaic in Eyes with Retinal Disease. , 2007, 48, 2297. | | 170 |
| 97 | Intraocular CNTF Reduces Vision in Normal Rats in a Dose-Dependent Manner. , 2007, 48, 5756. | | 74 |
| 98 | Correlation Between Clinical Suspicion and Polymerase Chain Reaction Verification of Infectious Vitritis. <i>American Journal of Ophthalmology</i> , 2006, 141, 584-585. | 1.7 | 8 |
| 99 | Scotopic Visual Signaling in the Mouse Retina Is Modulated by High-Affinity Plasma Membrane Calcium Extrusion. <i>Journal of Neuroscience</i> , 2006, 26, 7201-7211. | 1.7 | 41 |
| 100 | Deficiency of pantothenate kinase 2 (Pank2) in mice leads to retinal degeneration and azoospermia. <i>Human Molecular Genetics</i> , 2005, 14, 49-57. | 1.4 | 120 |
| 101 | Bilateral endogenous <i>Scedosporium prolificans</i> endophthalmitis after lung transplantation. <i>American Journal of Ophthalmology</i> , 2005, 139, 370-373. | 1.7 | 59 |
| 102 | BDNF Reduces the Retinal Toxicity of Verteporfin Photodynamic Therapy. , 2004, 45, 4190. | | 31 |
| 103 | Detection of localized retinal dysfunction in a choroideremia carrier. <i>American Journal of Ophthalmology</i> , 2004, 137, 189-191. | 1.7 | 23 |
| 104 | Acute zonal occult outer retinopathy in a patient with graft-versus-host disease. <i>American Journal of Ophthalmology</i> , 2004, 138, 1058-1060. | 1.7 | 16 |
| 105 | An RCS-Like Retinal Dystrophy Phenotype inMerKnockout Mice. , 2003, 44, 826. | | 227 |
| 106 | A Report of Thirteen Patients. <i>Retina</i> , 2003, 23, 348-353. | 1.0 | 23 |
| 107 | Corneal Toxicity of Intraocular Hyaluronidase. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2002, 18, 89-97. | 0.6 | 10 |
| 108 | Macular Pigment and Lutein Supplementation in Choroideremia. <i>Experimental Eye Research</i> , 2002, 74, 371-381. | 1.2 | 96 |

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|-----|--|-----|-----------|
| 109 | Effects of Adeno-associated Virus-vectored Ciliary Neurotrophic Factor on Retinal Structure and Function in Mice with a P216L rds/peripherin Mutation. <i>Experimental Eye Research</i> , 2002, 74, 719-735. | 1.2 | 267 |
| 110 | Saxitoxin. <i>Cornea</i> , 2001, 20, 639-642. | 0.9 | 13 |
| 111 | Experimental study of tetrodotoxin, a long-acting topical anesthetic. <i>American Journal of Ophthalmology</i> , 1998, 125, 481-487. | 1.7 | 26 |
| 112 | Experimental Use of Tetrodotoxin for Corneal Pain After Excimer Laser Keratectomy. <i>Cornea</i> , 1998, 17, 196-199. | 0.9 | 11 |