# Birgit Lorenz

List of Publications by Year
in descending order



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|---|---|---|---|
| 149 papers | 9,031 citations | 61857 43 h-index | 48187 88 g-index |
| 175 all docs | 175 docs citations | 175 times ranked | 8541 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mutations in RPE65 cause autosomal recessive childhoodâ€“onset severe retinal dystrophy. Nature Genetics, 1997, 17, 194-197. | 9.4 | 599 |
| 2 | An L-type calcium-channel gene mutated in incomplete X-linked congenital stationary night blindness. Nature Genetics, 1998, 19, 260-263. | 9.4 | 450 |
| 3 | Positional cloning of the gene associated with X-linked juvenile retinoschisis. Nature Genetics, 1997, 17, 164-170. | 9.4 | 446 |
| 4 | Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. Lancet Neurology, The, 2017, 16, 797-812. | 4.9 | 397 |
| 5 | Mutation spectrum and splicing variants in the OPA1 gene. Human Genetics, 2001, 109, 584-591. | 1.8 | 327 |
| 6 | A Comprehensive Survey of Sequence Variation in the ABCA4 (ABCR) Gene in Stargardt Disease and Age-Related Macular Degeneration. American Journal of Human Genetics, 2000, 67, 800-813. | 2.6 | 308 |
| 7 | CNGA3 Mutations in Hereditary Cone Photoreceptor Disorders. American Journal of Human Genetics, 2001, 69, 722-737. | 2.6 | 294 |
| 8 | International Classification of Retinopathy of Prematurity, Third Edition. Ophthalmology, 2021, 128, e51-e68. | 2.5 | 280 |
| 9 | Heterozygous Mutations of OTX2 Cause Severe Ocular Malformations. American Journal of Human Genetics, 2005, 76, 1008-1022. | 2.6 | 266 |
| 10 | Mutations in the Cone Photoreceptor G-Protein Î±-Subunit Gene GNAT2 in Patients with Achromatopsia. American Journal of Human Genetics, 2002, 71, 422-425. | 2.6 | 245 |
| 11 | FOXL2 and BPES: Mutational Hotspots, Phenotypic Variability, and Revision of the Genotype-Phenotype Correlation. American Journal of Human Genetics, 2003, 72, 478-487. | 2.6 | 219 |
| 12 | CNGB3 mutations account for 50% of all cases with autosomal recessive achromatopsia. European Journal of Human Genetics, 2005, 13, 302-308. | 1.4 | 216 |
| 13 | TRPM1 Is Mutated in Patients with Autosomal-Recessive Complete Congenital Stationary Night Blindness. American Journal of Human Genetics, 2009, 85, 720-729. | 2.6 | 207 |
| 14 | Mutations in the VMD2 gene are associated with juvenile-onset vitelliform macular dystrophy (Best) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal of Human Genetics, 2000, 8, 286-292. | 1.4 | 198 |
| 15 | Oculo-auriculo-vertebral spectrum (OAVS): clinical evaluation and severity scoring of 53 patients and proposal for a new classification. European Journal of Medical Genetics, 2005, 48, 397-411. | 0.7 | 184 |
| 16 | Genotyping Microarray (Disease Chip) for Leber Congenital Amaurosis: Detection of Modifier Alleles. , 2005, 46, 3052. | | 153 |
| 17 | Constitutional RB1-Gene Mutations in Patients with Isolated Unilateral Retinoblastoma. American Journal of Human Genetics, 1997, 61, 282-294. | 2.6 | 148 |
| 18 | Lack of fundus autofluorescence to 488 nanometers from childhood on in patients with early-onset severe retinal dystrophy associated with mutations in RPE65. Ophthalmology, 2004, 111, 1585-1594. | 2.5 | 144 |

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|---|---|---|---|
| 19 | BIGH3 mutation spectrum in corneal dystrophies. Investigative Ophthalmology and Visual Science, 2002, 43, 949-54. | 3.3 | 142 |
| 20 | Wide-field digital imaging based telemedicine for screening for acute retinopathy of prematurity (ROP). Six-year results of a multicentre field study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 1251-1262. | 1.0 | 140 |
| 21 | Whole-Exome Sequencing Identifies Mutations in GPR179 Leading to Autosomal-Recessive Complete Congenital Stationary Night Blindness. American Journal of Human Genetics, 2012, 90, 321-330. | 2.6 | 121 |
| 22 | X-linked Retinitis Pigmentosa:RPGRMutations in Most Families with Definite X Linkage and Clustering of Mutations in a Short Sequence Stretch of Exon ORF15. , 2003, 44, 1458. | | 103 |
| 23 | Role of SOX2 Mutations in Human Hippocampal Malformations and Epilepsy. Epilepsia, 2006, 47, 534-542. | 2.6 | 85 |
| 24 | The Natural History of Inherited Retinal Dystrophy Due to Biallelic Mutations in the RPE65 Gene. American Journal of Ophthalmology, 2019, 199, 58-70. | 1.7 | 77 |
| 25 | Thirty distinct CACNA1F mutations in 33 families with incomplete type of XLCSNB and Cacna1f expression profiling in mouse retina. European Journal of Human Genetics, 2002, 10, 449-456. | 1.4 | 75 |
| 26 | Longitudinal and cross-sectional study of patients with early-onset severe retinal dystrophy associated with RPE65 mutations. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 417-426. | 1.0 | 75 |
| 27 | Tubby-like protein-1 mutations in autosomal recessive retinitis pigmentosa. Lancet, The, 1998, 351, 1103-1104. | 6.3 | 74 |
| 28 | A Comprehensive Clinical and Biochemical Functional Study of a NovelRPE65Hypomorphic Mutation. , 2008, 49, 5235. | | 73 |
| 29 | Detection of Intact rAAV Particles up to 6 Years After Successful Gene Transfer in the Retina of Dogs and Primates. Molecular Therapy, 2009, 17, 516-523. | 3.7 | 73 |
| 30 | Comprehensive genotyping reveals RPE65 as the most frequently mutated gene in Leber congenital amaurosis in Denmark. European Journal of Human Genetics, 2016, 24, 1071-1079. | 1.4 | 69 |
| 31 | Misrouting of the Optic Nerves in Albinism: Estimation of the Extent with Visual Evoked Potentials. , 2005, 46, 3892. | | 68 |
| 32 | Congenital cataract and macular hypoplasia in humans associated with a de novo mutation in CRYAA and compound heterozygous mutations in P. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 912-919. | 1.0 | 65 |
| 33 | Unilateral adult malignant optic nerve glioma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 741-748. | 1.0 | 63 |
| 34 | Retrobulbar Spot Sign Predicts Thrombolytic Treatment Effects and Etiology in Central Retinal Artery Occlusion. Stroke, 2015, 46, 2322-2324. | 1.0 | 62 |
| 35 | RETINAL VASCULAR DEVELOPMENT WITH 0.312 MG INTRAVITREAL BEVACIZUMAB TO TREAT SEVERE POSTERIOR RETINOPATHY OF PREMATURITY. Retina, 2017, 37, 97-111. | 1.0 | 62 |
| 36 | InÂvivo genome editing as a potential treatment strategy for inherited retinal dystrophies. Progress in Retinal and Eye Research, 2017, 56, 1-18. | 7.3 | 62 |

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|---|---|---|---|
| 37 | Fundus autofluorescence in children and teenagers with hereditary retinal diseases. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 36-45. | 1.0 | 59 |
| 38 | Fourteen novel OPA1 mutations in autosomal dominant optic atrophy including two de novo mutations in sporadic optic atrophy. Human Mutation, 2003, 21, 656-656. | 1.1 | 57 |
| 39 | Next-generation sequencing reveals the mutational landscape of clinically diagnosed Usher syndrome: copy number variations, phenocopies, a predominant target for translational read-through, andPEX26mutated in Heimler syndrome. Molecular Genetics & Genomic Medicine, 2017, 5, 531-552. | 0.6 | 55 |
| 40 | A gene (SRPX) encoding a sushi-repeat-containing protein is deleted in patients with X-linked retinitis pigmentosa. Human Molecular Genetics, 1995, 4, 2339-2346. | 1.4 | 54 |
| 41 | Recessive Mutations in RTN4IP1 Cause Isolated and Syndromic Optic Neuropathies. American Journal of Human Genetics, 2015, 97, 754-760. | 2.6 | 54 |
| 42 | Genetic Analysis of â€˜PAX6-Negativeâ€™ Individuals with Aniridia or Gillespie Syndrome. PLoS ONE, 2016, 11, e0153757. | 1.1 | 54 |
| 43 | Visual results in congenital cataract with the use of contact lenses. Graefe's Archive for Clinical and Experimental Ophthalmology, 1991, 229, 123-132. | 1.0 | 52 |
| 44 | Fundus autofluorescence in carriers of X-linked recessive retinitis pigmentosa associated with mutations in RPGR, and correlation with electrophysiological and psychophysical data. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 501-511. | 1.0 | 52 |
| 45 | Genetics of isolated and syndromic strabismus: Facts and perspectives. Strabismus, 2002, 10, 147-156. | 0.4 | 50 |
| 46 | Chromatic Pupillometry Dissects Function of the Three Different Light-Sensitive Retinal Cell Populations in RPE65 Deficiency. , 2012, 53, 5641. | | 50 |
| 47 | Clinical history and management recommendations of the smooth muscle dysfunction syndrome due to ACTA2 arginine 179 alterations. Genetics in Medicine, 2018, 20, 1206-1215. | 1.1 | 50 |
| 48 | Biallelic Mutations in GNB3 Cause a Unique Form of Autosomal-Recessive Congenital Stationary Night Blindness. American Journal of Human Genetics, 2016, 98, 1011-1019. | 2.6 | 49 |
| 49 | OCT-Based Macular Structureâ€“Function Correlation in Dependence on Birth Weight and Gestational Ageâ€”the Giessen Long-Term ROP Study. , 2016, 57, OCT235. | | 48 |
| 50 | Identification of novel mutations in X-linked retinitis pigmentosa families and implications for diagnostic testing. Molecular Vision, 2008, 14, 1081-93. | 1.1 | 46 |
| 51 | Recurrent heterozygous PAX6 missense variants cause severe bilateral microphthalmia via predictable effects on DNAâ€“protein interaction. Genetics in Medicine, 2020, 22, 598-609. | 1.1 | 43 |
| 52 | Homozygous stop mutation in AHR causes autosomal recessive foveal hypoplasia and infantile nystagmus. Brain, 2019, 142, 1528-1534. | 3.7 | 41 |
| 53 | Identification and in vitro expression of novelCDH23 mutations of patients with Usher syndrome type 1D. Human Mutation, 2002, 19, 268-273. | 1.1 | 40 |
| 54 | LACK OF AUTOFLUORESCENCE IN FUNDUS ALBIPUNCTATUS ASSOCIATED WITH MUTATIONS IN RDH5. Retina, 2010, 30, 1704-1713. | 1.0 | 39 |

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|---|---|---|---|
| 55 | Large deletions of theKCNV2gene are common in patients with cone dystrophy with supernormal rod response. Human Mutation, 2011, 32, 1398-1406. | 1.1 | 39 |
| 56 | RPGR: Role in the photoreceptor cilium, human retinal disease, and gene therapy. Ophthalmic Genetics, 2011, 32, 1-11. | 0.5 | 38 |
| 57 | Mosaic synaptopathy and functional defects in Cav1.4 heterozygous mice and human carriers of CSNB2. Human Molecular Genetics, 2014, 23, 1538-1550. | 1.4 | 38 |
| 58 | Screening of TYR, OCA2, GPR143, and MC1R in patients with congenital nystagmus, macular hypoplasia, and fundus hypopigmentation indicating albinism. Molecular Vision, 2011, 17, 939-48. | 1.1 | 38 |
| 59 | Contribution of mitochondrial protein synthesis to the formation of cytochrome oxidase inLocusta migratoria. FEBS Letters, 1972, 25, 49-51. | 1.3 | 37 |
| 60 | Bilateral Tonic Pupils with Evidence of Anti-Hu Antibodies as a Paraneoplastic Manifestation of Small Cell Lung Cancer. Ophthalmologica, 2004, 218, 141-143. | 1.0 | 36 |
| 61 | Biallelic mutation of human SLC6A6 encoding the taurine transporter TAUT is linked to early retinal degeneration. FASEB Journal, 2019, 33, 11507-11527. | 0.2 | 36 |
| 62 | First evidence of an endogenous Spiroplasma sp. infection in humans manifesting as unilateral cataract associated with anterior uveitis in a premature baby. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 348-353. | 1.0 | 33 |
| 63 | Automated segmentation of retinal blood vessels in spectral domain optical coherence tomography scans. Biomedical Optics Express, 2012, 3, 1478. | 1.5 | 32 |
| 64 | Screening of a Large Cohort of Leber Congenital Amaurosis and Retinitis Pigmentosa Patients Identifies Novel LCA5 Mutations and New Genotype-Phenotype Correlations. Human Mutation, 2013, 34, 1537-1546. | 1.1 | 32 |
| 65 | Optical Coherence Tomography (OCT) Device Independent Intraretinal Layer Segmentation. Translational Vision Science and Technology, 2014, 3, 1. | 1.1 | 32 |
| 66 | Diverse prevalence of large deletions within the OA1 gene in ocular albinism type 1 patients from Europe and North America. Human Genetics, 2001, 108, 51-54. | 1.8 | 31 |
| 67 | Phenotypic variability in three carriers from a family with choroideremia and a frameshift mutation 1388delCCinsG in the REP-1 gene. Ophthalmic Genetics, 2003, 24, 203-214. | 0.5 | 31 |
| 68 | OCT Angiography in Young Children with a History of Retinopathy of Prematurity. Ophthalmology Retina, 2018, 2, 972-978. | 1.2 | 30 |
| 69 | Automated Segmentation of Pathological Cavities in Optical Coherence Tomography Scans. , 2013, 54, 4385. | | 29 |
| 70 | Ocular growth in infant aphakia. Ophthalmic Paediatrics and Genetics, 1993, 14, 177-188. | 0.4 | 28 |
| 71 | Pediatric clinical visual electrophysiology: a survey of actual practice. Documenta Ophthalmologica, 2006, 113, 193-204. | 1.0 | 28 |
| 72 | Ocular morphology and function in juvenile neuronal ceroid lipofuscinosis (CLN3) in the first decade of life. Ophthalmic Genetics, 2017, 38, 252-259. | 0.5 | 26 |

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|---|---|---|---|
| 73 | Novel causative mutations in patients with Nance-Horan syndrome and altered localization of the mutant NHS-A protein isoform. Molecular Vision, 2008, 14, 1856-64. | 1.1 | 26 |
| 74 | Disturbed visual system function in methionine synthase deficiency. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 497-500. | 1.0 | 25 |
| 75 | The effects of midazolam on intraocular pressure in children during examination under sedation. British Journal of Ophthalmology, 2011, 95, 1102-1105. | 2.1 | 25 |
| 76 | Phenotype in two families with RP3 associated with RPGR mutations. Ophthalmic Genetics, 2003, 24, 89-101. | 0.5 | 24 |
| 77 | Where are the missing gene defects in inherited retinal disorders? Intronic and synonymous variants contribute at least to 4% of CACNA1F â€mediated inherited retinal disorders. Human Mutation, 2019, 40, 765-787. | 1.1 | 24 |
| 78 | Artificial Intelligence for Retinopathy of Prematurity. Ophthalmology, 2022, 129, e69-e76. | 2.5 | 23 |
| 79 | Bestrophin 1 â€“ Phenotypes and Functional Aspects in Bestrophinopathies. Ophthalmic Genetics, 2015, 36, 193-212. | 0.5 | 22 |
| 80 | Gene therapy for vision loss -- recent developments. Discovery Medicine, 2010, 10, 425-33. | 0.5 | 22 |
| 81 | Analysis of three genes in Leber congenital amaurosis in Indonesian patients. Vision Research, 2003, 43, 3087-3093. | 0.7 | 21 |
| 82 | Evolution of central corneal thickness in children with congenital glaucoma requiring glaucoma surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 397-403. | 1.0 | 21 |
| 83 | Evaluation of tolerance to lentiviral LV-RPE65 gene therapy vector after subretinal delivery in non-human primates. Translational Research, 2017, 188, 40-57.e4. | 2.2 | 21 |
| 84 | Clinical Characterization of 66 Patients With Congenital Retinal Disease Due to the Deep-Intronic c.2991+1655A>G Mutation inCEP290. , 2018, 59, 4384. | | 21 |
| 85 | Dynamic intraoperative optical coherence tomography for inverted internal limiting membrane flap technique in large macular hole surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 1649-1659. | 1.0 | 21 |
| 86 | Normative values of peripheral retinal thickness measured with Spectralis OCT in healthy young adults. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1195-1205. | 1.0 | 20 |
| 87 | 16p13.11 microdeletion uncovers lossâ€ofâ€function of a MYH11 missense variant in a patient with megacystisâ€microcolonâ€intestinalâ€hypoperistalsis syndrome. Clinical Genetics, 2019, 96, 85-90. | 1.0 | 20 |
| 88 | Comparison of Central Retinal Thickness in Healthy Children and Adults Measured with the Heidelberg Spectralis OCT and the Zeiss Stratus OCT 3. Ophthalmologica, 2011, 225, 27-36. | 1.0 | 19 |
| 89 | Assessment of Cortical Visual Field Representations with Multifocal VEPs in Control Subjects, Patients with Albinism, and Female Carriers of Ocular Albinism. , 2006, 47, 3195. | | 18 |
| 90 | Electron microscopic findings in levator muscle biopsies of patients with isolated congenital or acquired ptosis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1533-1541. | 1.0 | 18 |

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|---|---|---|---|
| 91 | Clinical utility gene card for: Oculocutaneous albinism. European Journal of Human Genetics, 2014, 22, 1054-1054. | 1.4 | 18 |
| 92 | Linkage of X-linked retinitis pigmentosa to the hypervariable DNA marker M27? (DXS255). Human Genetics, 1989, 81, 283-6. | 1.8 | 17 |
| 93 | Causes of blindness at the "Wiyata Guna" School for the Blind, Indonesia. British Journal of Ophthalmology, 2003, 87, 1065-1068. | 2.1 | 17 |
| 94 | Feasibility and outcome of automated kinetic perimetry in children. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1493-1500. | 1.0 | 17 |
| 95 | Cost Effectiveness of Voretigene Neparvovec for RPE65-Mediated Inherited Retinal Degeneration in Germany. Translational Vision Science and Technology, 2020, 9, 17. | 1.1 | 16 |
| 96 | Assessment of RS1 in X-linked juvenile retinoschisis and sporadic senile retinoschisis. Clinical Genetics, 1999, 55, 461-465. | 1.0 | 15 |
| 97 | Long-Term Follow-Up of the Human Phenotype in Three Siblings with Cone Dystrophy Associated with a Homozygousp.G461RMutation ofKCNV2. , 2011, 52, 8621. | | 15 |
| 98 | Expansion of Ocular Phenotypic Features Associated With Mutations inADAMTS18. JAMA Ophthalmology, 2014, 132, 996. | 1.4 | 15 |
| 99 | Mutation spectrum and clinical investigation of achromatopsia patients with mutations in the GNAT2 gene. Human Mutation, 2019, 40, 1145-1155. | 1.1 | 15 |
| 100 | Aplasia of the optic nerve in two cases of partial trisomy 10q24â€ter. Clinical Genetics, 1995, 48, 183-187. | 1.0 | 13 |
| 101 | Rebound macular edema following oral acetazolamide therapy for juvenile X-linked retinoschisis in an Italian family. Clinical Ophthalmology, 2016, Volume 10, 2377-2382. | 0.9 | 13 |
| 102 | Development of a Reporter System to Explore MMEJ in the Context of Replacing Large Genomic Fragments. Molecular Therapy - Nucleic Acids, 2018, 11, 407-415. | 2.3 | 13 |
| 103 | Prevalence and Diagnostic Spectrum of Generalized Retinal Dystrophy in Danish Children. Ophthalmic Epidemiology, 2013, 20, 164-169. | 0.8 | 12 |
| 104 | Retinal Vessel Pathologies in a Rat Model of Periventricular Leukomalacia: A New Model for Retinopathy of Prematurity?. , 2015, 56, 1830. | | 12 |
| 105 | Shared Decision-Making, Control Preferences and Psychological Well-Being in Patients with RPE65 Deficiency Awaiting Experimental Gene Therapy. Ophthalmic Research, 2015, 54, 96-102. | 1.0 | 12 |
| 106 | Choroidal Thickness with Swept-Source Optical Coherence Tomography versus Foveal Morphology in Young Children with a History of Prematurity. Ophthalmic Research, 2018, 60, 205-213. | 1.0 | 12 |
| 107 | Splitting of the lateral rectus muscle with medial transposition to treat oculomotor palsy: a retrospective analysis of 29 consecutive cases. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2005-2014. | 1.0 | 12 |
| 108 | Current Management of Patients with <b><i>RPE65</i></b> Mutation-Associated Inherited Retinal Degenerations in Europe: Results of a Multinational Survey by the European Vision Institute Clinical Research Network. Ophthalmic Research, 2021, 64, 740-753. | 1.0 | 12 |

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|---|---|---|---|
| 109 | Biallelic mutations in l-dopachrome tautomerase (DCT) cause infantile nystagmus and oculocutaneous albinism. Human Genetics, 2021, 140, 1157-1168. | 1.8 | 12 |
| 110 | Mutation analysis in a family with oculocutaneous albinism manifesting in the same generation of three branches. Molecular Vision, 2007, 13, 1851-5. | 1.1 | 12 |
| 111 | De novo double mutation in PAX6 and mtDNA tRNA Lys associated with atypical aniridia and mitochondrial disease. Journal of Molecular Medicine, 2007, 85, 163-168. | 1.7 | 11 |
| 112 | Retinal Blinding Disorders and Gene Therapy - Molecular and Clinical Aspects. Current Gene Therapy, 2010, 10, 350-370. | 0.9 | 11 |
| 113 | Age matters?thoughts on a grading system for ABCA4 mutations. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 87-89. | 1.0 | 10 |
| 114 | Detection of DNA Double Strand Breaks by Î³H2AX Does Not Result in 53bp1 Recruitment in Mouse Retinal Tissues. Frontiers in Neuroscience, 2018, 12, 286. | 1.4 | 10 |
| 115 | Ependymal Tissue in Microphthalmia with Cyst. Ophthalmic Genetics, 2006, 27, 165-168. | 0.5 | 9 |
| 116 | Superior oblique tucking with versus without additional inferior oblique recession for acquired trochlear nerve palsy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 223-229. | 1.0 | 9 |
| 117 | Fundus-controlled two-color dark adaptometry with the Microperimeter MP1. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 965-972. | 1.0 | 9 |
| 118 | Interchangeability of macular thickness measurements between different volumetric protocols of Spectralis optical coherence tomography in normal eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1137-1145. | 1.0 | 8 |
| 119 | High-dose Anderson operation for nystagmus-related anomalous head turn. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2033-2041. | 1.0 | 8 |
| 120 | Fundus-Controlled Dark Adaptometry in Young Children Without and With Spontaneously Regressed Retinopathy of Prematurity. Translational Vision Science and Technology, 2019, 8, 62. | 1.1 | 8 |
| 121 | Precision of bag-in-the-lens intraocular lens power calculation in different age groups of pediatric cataract patients: Report of the Giessen Pediatric Cataract Study Group. Journal of Cataract and Refractive Surgery, 2019, 45, 1372-1379. | 0.7 | 8 |
| 122 | Cone-Mediated Function Correlates to Altered Foveal Morphology in Preterm-Born Children at School Age. , 2019, 60, 1614. | | 8 |
| 123 | Current Management of Inherited Retinal Degeneration Patients in Europe: Results of a Multinational Survey by the European Vision Institute Clinical Research Network. Ophthalmic Research, 2021, 64, 622-638. | 1.0 | 8 |
| 124 | Comprehensive variant spectrum of the CNGA3 gene in patients affected by achromatopsia. Human Mutation, 2022, 43, 832-858. | 1.1 | 8 |
| 125 | Transscleral and indirect ophthalmoscope diode laser retinal photocoagulation : Experimental quantification of the therapeutic range for their application in the treatment of retinopathy of prematurity. Graefe's Archive for Clinical and Experimental Ophthalmology, 1993, 231, 378-383. | 1.0 | 7 |
| 126 | Immuno-Histochemical Analysis of Rod and Cone Reaction to RPE65 Deficiency in the Inferior and Superior Canine Retina. PLoS ONE, 2014, 9, e86304. | 1.1 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Retinopathy of prematurity: recent developments in diagnosis and treatment. Expert Review of Ophthalmology, 2015, 10, 167-182. | 0.3 | 7 |
| 128 | Two patients with the heterozygous R189H mutation in ACTA2 and Complex congenital heart defects expands the cardiac phenotype of multisystemic smooth muscle dysfunction syndrome. American Journal of Medical Genetics, Part A, 2017, 173, 959-965. | 0.7 | 7 |
| 129 | Analysis and management of intraoperative and early postoperative complications of bagâ€inâ€theâ€lens intraocular lens implantation in different age groups of paediatric cataract patients: report of the Giessen Paediatric Cataract Study Group. Acta Ophthalmologica, 2020, 98, e144-e154. | 0.6 | 7 |
| 130 | Detection of the Vascular Endothelial Growth Factor with a Novel Bioluminescence Resonance Energy Transfer Pair Using a Two-Component System. Sensors, 2017, 17, 145. | 2.1 | 6 |
| 131 | Worldwide outcomes of nasal transposition of the split lateral rectus muscle for strabismus associated with 3rd-nerve palsy. British Journal of Ophthalmology, 2023, 107, 725-731. | 2.1 | 6 |
| 132 | Functional Characterization of AAV-Expressed Recombinant Anti-VEGF Single-Chain Variable FragmentsIn Vitro. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 269-276. | 0.6 | 5 |
| 133 | Systematic Review of Digital Imaging Screening Strategies for Retinopathy of Prematurity. Pediatrics, 2009, 123, e360-e361. | 1.0 | 4 |
| 134 | Recessâ€“resect surgery with myopexy of the lateral rectus muscle to correct esotropia with high myopia. British Journal of Ophthalmology, 2015, 99, 1702-1705. | 2.1 | 4 |
| 135 | Optimizing Measurement of Vascular Endothelial Growth Factor in Small Blood Samples of Premature Infants. Scientific Reports, 2019, 9, 6744. | 1.6 | 4 |
| 136 | In search for increased prevalence rates of strabismus and microstrabismus in two Bavarian districts, Oberpfalz and Niederbayern, to spot populations for gene identification. Strabismus, 2002, 10, 163-168. | 0.4 | 3 |
| 137 | Pediatric Ophthalmology in Germany. Journal of AAPOS, 2006, 10, 1-3. | 0.2 | 3 |
| 138 | Spatially Resolved Spectral Sensitivities as a Potential Read-out Parameter in Clinical Gene Therapeutic Trials. Ophthalmic Research, 2017, 58, 194-202. | 1.0 | 3 |
| 139 | Creation of different bioluminescence resonance energy transfer based biosensors with high affinity to VEGF. PLoS ONE, 2020, 15, e0230344. | 1.1 | 3 |
| 140 | Outer Plexiform Layer Structures Are Not Altered Following AAV-Mediated Gene Transfer in Healthy Rat Retina. Frontiers in Neurology, 2017, 8, 59. | 1.1 | 2 |
| 141 | New Scleral Depressor Marker for Retinal Detachment Surgery. Ophthalmology Retina, 2019, 3, 73-76. | 1.2 | 2 |
| 142 | Yokoyama procedure for esotropia associated with high myopia: realâ€world data from a largeâ€scale multicentre analysis. Acta Ophthalmologica, 2021, 99, e1340-e1347. | 0.6 | 2 |
| 143 | The landscape of submicroscopic structural variants at the OPN1LW/OPN1MW gene cluster on Xq28 underlying blue cone monochromacy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 2 |
| 144 | Structure-Function Correlation in Hemianopic Vision Loss in Children Aged 3-6 Years Using OCT and SVOP, and Comparison with Adult Eyes. Ophthalmic Research, 2018, 60, 221-230. | 1.0 | 1 |

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|---|---|---|---|
| 145 | A tribute to Mette Warburg. Ophthalmic Genetics, 1996, 17, 123-125. | 0.5 | 0 |
| 146 | IRPA Scientific Newsletter â€“ A new website to integrate data on hereditary retinal disorders. Ophthalmic Genetics, 1998, 19, 213-214. | 0.5 | 0 |
| 147 | Reply. Retina, 2018, 38, e65-e66. | 1.0 | 0 |
| 148 | Inherited Retinal Degenerations in the Pediatric Population. , 2021, , 183-209. | | 0 |
| 149 | Motor and Visual-spatial Cognitive Abilities in Children Treated for Infantile Esotropia. Perceptual and Motor Skills, 2021, 128, 1443-1463. | 0.6 | 0 |