# Anna Lena HellstrÃ¶m

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6825993/publications.pdf

Version: 2024-02-01

| 212 | 10,445 | 41258 | 48187 |
|---|---|---|---|
| papers | citations | 49 h-index | 88 g-index |

| 220 | 220 | 220 | 7126 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Retinopathy of prematurity. Lancet, The, 2013, 382, 1445-1457. | 6.3 | 766 |
| 2 | Increased dietary intake of Ï‰-3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. Nature Medicine, 2007, 13, 868-873. | 15.2 | 633 |
| 3 | Low IGF-I suppresses VEGF-survival signaling in retinal endothelial cells: Direct correlation with clinical retinopathy of prematurity. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 5804-5808. | 3.3 | 528 |
| 4 | The Mouse Retina as an Angiogenesis Model. , 2010, 51, 2813. | | 523 |
| 5 | Postnatal Serum Insulin-Like Growth Factor I Deficiency Is Associated With Retinopathy of Prematurity and Other Complications of Premature Birth. Pediatrics, 2003, 112, 1016-1020. | 1.0 | 478 |
| 6 | Longitudinal Postnatal Weight and Insulin-like Growth Factor I Measurements in the Prediction of Retinopathy of Prematurity. JAMA Ophthalmology, 2006, 124, 1711. | 2.6 | 247 |
| 7 | Early Weight Gain Predicts Retinopathy in Preterm Infants: New, Simple, Efficient Approach to Screening. Pediatrics, 2009, 123, e638-e645. | 1.0 | 215 |
| 8 | IGF-I Is Critical for Normal Vascularization of the Human Retina. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3413-3416. | 1.8 | 177 |
| 9 | IGFBP3 suppresses retinopathy through suppression of oxygen-induced vessel loss and promotion of vascular regrowth. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10589-10594. | 3.3 | 165 |
| 10 | Validation of a New Retinopathy of Prematurity Screening Method Monitoring Longitudinal Postnatal Weight and Insulinlike Growth Factor I. JAMA Ophthalmology, 2009, 127, 622. | 2.6 | 162 |
| 11 | Current update on retinopathy of prematurity: screening and treatment. Current Opinion in Pediatrics, 2011, 23, 173-178. | 1.0 | 149 |
| 12 | Insulinâ€like growth factor 1 has multisystem effects on foetal and preterm infant development. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 576-586. | 0.7 | 128 |
| 13 | Longitudinal Postnatal Weight Measurements for the Prediction of Retinopathy of Prematurity. JAMA Ophthalmology, 2010, 128, 443. | 2.6 | 124 |
| 14 | Importance of Early Postnatal Weight Gain for Normal Retinal Angiogenesis in Very Preterm Infants. JAMA Ophthalmology, 2012, 130, 992-9. | 2.6 | 124 |
| 15 | Postnatal Head Growth Deficit Among Premature Infants Parallels Retinopathy of Prematurity and Insulin-like Growth Factor-1 Deficit. Pediatrics, 2006, 117, 1930-1938. | 1.0 | 115 |
| 16 | Low Gestational Age Associated with Abnormal Retinal Vascularization and Increased Blood Pressure in Adult Women. Pediatric Research, 2002, 51, 675-680. | 1.1 | 108 |
| 17 | Effects of a lipid emulsion containing fish oil on polyunsaturated fatty acid profiles, growth and morbidities in extremely premature infants: A randomized controlled trial. Clinical Nutrition ESPEN, 2017, 20, 17-23. | 0.5 | 102 |
| 18 | rhIGF-1/rhIGFBP-3 in Preterm Infants: A Phase 2 Randomized Controlled Trial. Journal of Pediatrics, 2019, 206, 56-65.e8. | 0.9 | 101 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Growth in Very Preterm Children: A Longitudinal Study. Pediatric Research, 2003, 54, 899-905. | 1.1 | 88 |
| 20 | Postnatal Weight Gain Modifies Severity and Functional Outcome of Oxygen-Induced Proliferative Retinopathy. American Journal of Pathology, 2010, 177, 2715-2723. | 1.9 | 84 |
| 21 | Influence of Insulin-Like Growth Factor I and Nutrition During Phases of Postnatal Growth in Very Preterm Infants. Pediatric Research, 2011, 69, 448-453. | 1.1 | 81 |
| 22 | The Biology of Retinopathy of Prematurity. Clinics in Perinatology, 2013, 40, 201-214. | 0.8 | 81 |
| 23 | The Role of Maternal Factors, Postnatal Nutrition, Weight Gain, and Gender in Regulation of Serum IGF-I among Preterm Infants. Pediatric Research, 2005, 57, 605-610. | 1.1 | 80 |
| 24 | New insights into the development of retinopathy of prematurity â€“ importance of early weight gain. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 502-508. | 0.7 | 80 |
| 25 | On safety, pharmacokinetics and dosage of bevacizumab in ROP treatment â€“ a review. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 1523-1527. | 0.7 | 80 |
| 26 | Ophthalmological findings in a sample of Swedish children aged 4-15â€ƒyears. Acta Ophthalmologica, 2006, 84, 169-176. | 0.4 | 78 |
| 27 | Predicting Proliferative Retinopathy in a Brazilian Population of Preterm Infants With the Screening Algorithm WINROP. JAMA Ophthalmology, 2010, 128, 1432. | 2.6 | 77 |
| 28 | Postnatal Decrease in Circulating Insulin-Like Growth Factor-I and Low Brain Volumes in Very Preterm Infants. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1129-1135. | 1.8 | 77 |
| 29 | Role of Insulinlike Growth Factor 1 in Fetal Development and in the Early Postnatal Life of Premature Infants. American Journal of Perinatology, 2016, 33, 1067-1071. | 0.6 | 77 |
| 30 | IGF-I Is Critical for Normal Vascularization of the Human Retina. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3413-3416. | 1.8 | 73 |
| 31 | Visual function and ocular features in children and adolescents with attention deficit hyperactivity disorder, with and without treatment with stimulants. Eye, 2007, 21, 494-502. | 1.1 | 68 |
| 32 | The clinical and morphologic spectrum of optic nerve hypoplasia. Journal of AAPOS, 1999, 3, 212-220. | 0.2 | 67 |
| 33 | Quantification and Localization of the IGF/Insulin System Expression in Retinal Blood Vessels and Neurons during Oxygen-Induced Retinopathy in Mice. , 2009, 50, 1831. | | 67 |
| 34 | Prediction of Retinopathy of Prematurity Using the Screening Algorithm WINROP in a Mexican Population of Preterm Infants. JAMA Ophthalmology, 2012, 130, 720-3. | 2.6 | 67 |
| 35 | Circulatory insulin-like growth factor-I and brain volumes in relation to neurodevelopmental outcome in very preterm infants. Pediatric Research, 2013, 74, 564-569. | 1.1 | 67 |
| 36 | Effect of Enteral Lipid Supplement on Severe Retinopathy of Prematurity. JAMA Pediatrics, 2021, 175, 359. | 3.3 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Swedish National Register for Retinopathy of Prematurity (SWEDROP) and the Evaluation of Screening in Sweden. JAMA Ophthalmology, 2012, 130, 1418. | 2.6 | 65 |
| 38 | Ophthalmologic Outcome of Extremely Preterm Infants at 6.5 Years of Age. JAMA Ophthalmology, 2016, 134, 555. | 1.4 | 64 |
| 39 | Screening for Retinopathy of Prematurity in Infants Born Before 27 Weeks' Gestation in Sweden. JAMA Ophthalmology, 2011, 129, 167. | 2.6 | 62 |
| 40 | Dietary Ï‰-3 polyunsaturated fatty acids decrease retinal neovascularization by adiposeâ€“endoplasmic reticulum stress reduction to increase adiponectin. American Journal of Clinical Nutrition, 2015, 101, 879-888. | 2.2 | 61 |
| 41 | Optic disc size and retinal vessel characteristics in healthy children. Acta Ophthalmologica, 1998, 76, 260-267. | 0.4 | 60 |
| 42 | Ï‰-3 and Ï‰-6 long-chain PUFAs and their enzymatic metabolites in neovascular eye diseases. American Journal of Clinical Nutrition, 2017, 106, 16-26. | 2.2 | 59 |
| 43 | Propranolol Inhibition of Î²-Adrenergic Receptor Does Not Suppress Pathologic Neovascularization in Oxygen-Induced Retinopathy. , 2012, 53, 2968. | | 58 |
| 44 | Longitudinal infusion of a complex of insulin-like growth factor-I and IGF-binding protein-3 in five preterm infants: pharmacokinetics and short-term safety. Pediatric Research, 2013, 73, 68-74. | 1.1 | 58 |
| 45 | Ocular fundus abnormalities in children born before 29 weeks of gestation: A population-based study. Eye, 2000, 14, 324-329. | 1.1 | 57 |
| 46 | Abnormal Retinal Vascular Morphology in Young Adults Following Intrauterine Growth Restriction. Pediatrics, 2004, 113, e77-e80. | 1.0 | 57 |
| 47 | Low energy intake during the first 4â€…weeks of life increases the risk for severe retinopathy of prematurity in extremely preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F108-F113. | 1.4 | 56 |
| 48 | Visual function in school-aged children born before 29 weeks of gestation: a population-based study. Developmental Medicine and Child Neurology, 2000, 42, 100-105. | 1.1 | 56 |
| 49 | Optic disc morphology may reveal timing of insult in children with periventricular leucomalacia and/or periventricular haemorrhage. British Journal of Ophthalmology, 2003, 87, 1345-1349. | 2.1 | 54 |
| 50 | A Pharmacokinetic and Dosing Study of Intravenous Insulin-Like Growth Factor-I and IGF-Binding Protein-3 Complex to Preterm Infants. Pediatric Research, 2009, 65, 574-579. | 1.1 | 54 |
| 51 | Association of Retinopathy of Prematurity With Low Levels of Arachidonic Acid. JAMA Ophthalmology, 2018, 136, 271. | 1.4 | 54 |
| 52 | Fatty acid oxidation and photoreceptor metabolic needs. Journal of Lipid Research, 2021, 62, 100035. | 2.0 | 53 |
| 53 | Vision in children with hydrocephalus. Developmental Medicine and Child Neurology, 2006, 48, 836. | 1.1 | 51 |
| 54 | Dyslipidemia in retinal metabolic disorders. EMBO Molecular Medicine, 2019, 11, e10473. | 3.3 | 51 |

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|---|---|---|---|
| 55 | Low Birth Weight Is a Risk Factor for Severe Retinopathy of Prematurity Depending on Gestational Age. PLoS ONE, 2014, 9, e109460. | 1.1 | 50 |
| 56 | Nutrient intakes independently affect growth in extremely preterm infants: results from a population-based study. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, n/a-n/a. | 0.7 | 49 |
| 57 | Increased frequency of retinopathy of prematurity over the last decade and significant regional differences. Acta Ophthalmologica, 2018, 96, 142-148. | 0.6 | 49 |
| 58 | Fibroblast Growth Factor 21 Protects Photoreceptor Function in Type 1 Diabetic Mice. Diabetes, 2018, 67, 974-985. | 0.3 | 48 |
| 59 | Natural History of Retinopathy of Prematurity in Infants Born Before 27 Weeks' Gestation in Sweden. JAMA Ophthalmology, 2010, 128, 1289. | 2.6 | 47 |
| 60 | Review shows that donor milk does not promote the growth and development of preterm infants as well as maternal milk. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 998-1007. | 0.7 | 47 |
| 61 | Reduced Retinal Vascularization in Children with Growth Hormone Deficiency. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 795-798. | 1.8 | 47 |
| 62 | Cytochrome P450 2C8 Ï‰3-Long-Chain Polyunsaturated Fatty Acid Metabolites Increase Mouse Retinal Pathologic Neovascularizationâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 581-586. | 1.1 | 46 |
| 63 | Visual fixation development in children. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1659-1665. | 1.0 | 45 |
| 64 | Efficacy of the Screening Algorithm WINROP in a Korean Population of Preterm Infants. JAMA Ophthalmology, 2013, 131, 62. | 1.4 | 44 |
| 65 | Ophthalmologic Outcome at 30 Monthsâ€™ Corrected Age of a Prospective Swedish Cohort of Children Born Before 27 Weeks of Gestation. JAMA Ophthalmology, 2014, 132, 182. | 1.4 | 44 |
| 66 | Fenofibrate Inhibits Cytochrome P450 Epoxygenase 2C Activity to Suppress Pathological Ocular Angiogenesis. EBioMedicine, 2016, 13, 201-211. | 2.7 | 44 |
| 67 | Photoreceptor glucose metabolism determines normal retinal vascular growth. EMBO Molecular Medicine, 2018, 10, 76-90. | 3.3 | 43 |
| 68 | New modifications of Swedish ROP guidelines based on 10-year data from the SWEDROP register. British Journal of Ophthalmology, 2020, 104, 943-949. | 2.1 | 42 |
| 69 | Individual Risk Prediction for Sight-Threatening Retinopathy of Prematurity Using Birth Characteristics. JAMA Ophthalmology, 2020, 138, 21. | 1.4 | 41 |
| 70 | Review: adiponectin in retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1392-1400. | 1.8 | 40 |
| 71 | Lipid profiling of suction blister fluid: comparison of lipids in interstitial fluid and plasma. Lipids in Health and Disease, 2019, 18, 164. | 1.2 | 40 |
| 72 | Visual fields in children with attentionâ€deficitâ€Š/â€Šhyperactivity disorder before and after treatment with stimulants. Acta Ophthalmologica, 2008, 86, 259-264. | 0.6 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | The Use of the WINROP Screening Algorithm for the Prediction of Retinopathy of Prematurity in a Chinese Population. Neonatology, 2013, 104, 127-132. | 0.9 | 39 |
| 74 | IGF-1 in retinopathy of prematurity, a CNS neurovascular disease. Early Human Development, 2016, 102, 13-19. | 0.8 | 39 |
| 75 | WINROP Identifies Severe Retinopathy of Prematurity at an Early Stage in a Nation-Based Cohort of Extremely Preterm Infants. PLoS ONE, 2013, 8, e73256. | 1.1 | 39 |
| 76 | Strabismus and Binocular Functions in a Sample of Swedish Children Aged 4â€“15 Years. Strabismus, 2005, 13, 55-61. | 0.4 | 38 |
| 77 | White Matter Damage After Chronic Subclinical Inflammation in Newborn Mice. Journal of Child Neurology, 2009, 24, 1171-1178. | 0.7 | 38 |
| 78 | Cytochrome P450 Oxidase 2C Inhibition Adds to Ï‰-3 Long-Chain Polyunsaturated Fatty Acids Protection Against Retinal and Choroidal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1919-1927. | 1.1 | 38 |
| 79 | FGF21 Administration Suppresses Retinal and Choroidal Neovascularization in Mice. Cell Reports, 2017, 18, 1606-1613. | 2.9 | 37 |
| 80 | Morphometry of the optic nerve and retinal vessels in children by computer-assisted image analysis of fundus photographs. Graefe's Archive for Clinical and Experimental Ophthalmology, 1995, 233, 150-153. | 1.0 | 36 |
| 81 | Abnormal retinal vascularisation in preterm children as a general vascular phenomenon. Lancet, The, 1998, 352, 1827. | 6.3 | 36 |
| 82 | Evaluation of new guidelines for ROP screening in Sweden using SWEDROP â€“ a national quality register. Acta Ophthalmologica, 2015, 93, 265-268. | 0.6 | 36 |
| 83 | Impact of MRI in the management and staging of cancer of the uterine cervix. Acta OncolÃ³gica, 2011, 50, 420-426. | 0.8 | 35 |
| 84 | Nutrition, insulin-like growth factor-1 and retinopathy of prematurity. Seminars in Fetal and Neonatal Medicine, 2013, 18, 136-142. | 1.1 | 35 |
| 85 | Relation of Retinopathy of Prematurity to Brain Volumes at Term Equivalent Age and Developmental Outcome at 2 Years of Corrected Age in Very Preterm Infants. Neonatology, 2018, 114, 46-52. | 0.9 | 35 |
| 86 | IGF-1 as a Drug for Preterm Infants: A Step-Wise Clinical Development. Current Pharmaceutical Design, 2018, 23, 5964-5970. | 0.9 | 35 |
| 87 | Thrombocytopenia is associated with severe retinopathy of prematurity. JCI Insight, 2018, 3, . | 2.3 | 35 |
| 88 | On the use of antiangiogenetic medications for retinopathy of prematurity. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 1063-1065. | 0.7 | 34 |
| 89 | Children with Septo-Optic Dysplasia â€“ How to Improve and Sharpen the Diagnosis. Hormone Research in Paediatrics, 2000, 53, 19-25. | 0.8 | 33 |
| 90 | Prediction of severe retinopathy of prematurity using the WINROP algorithm in a birth cohort in South East Scotland. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F29-F33. | 1.4 | 32 |

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|---|---|---|---|
| 91 | Retinopathy of prematurity: the need for prevention. Eye and Brain, 2016, 8, 91. | 3.8 | 32 |
| 92 | Vitreous metabolomics profiling of proliferative diabetic retinopathy. Diabetologia, 2021, 64, 70-82. | 2.9 | 32 |
| 93 | Optic Nerve Hypoplasia With Isolated Tortuosity of the Retinal Veins. JAMA Ophthalmology, 1999, 117, 880. | 2.6 | 31 |
| 94 | Optic Nerve Morphology May Reveal Adverse Events During Prenatal and Perinatal Lifeâ€"Digital Image Analysis. Survey of Ophthalmology, 1999, 44, S63-S73. | 1.7 | 30 |
| 95 | Serum concentrations of vascular endothelial growth factor in relation to retinopathy of prematurity. Pediatric Research, 2016, 79, 70-75. | 1.1 | 30 |
| 96 | Prevalence of Severe Visual Disability Among Preterm Children With Retinopathy of Prematurity and Association With Adherence to Best Practice Guidelines. JAMA Network Open, 2019, 2, e186801. | 2.8 | 30 |
| 97 | Morphological aspects of dental hard tissues in primary teeth from preterm infants. International Journal of Paediatric Dentistry, 2008, 18, 397-406. | 1.0 | 29 |
| 98 | Five years of treatment for retinopathy of prematurity in Sweden: results from SWEDROP, a national quality register. British Journal of Ophthalmology, 2016, 100, 1656-1661. | 2.1 | 29 |
| 99 | Cerebellar Exposure to Cell-Free Hemoglobin Following Preterm Intraventricular Hemorrhage: Causal in Cerebellar Damage?. Translational Stroke Research, 2017, 8, 461-473. | 2.3 | 29 |
| 100 | Increased postnatal concentrations of pro-inflammatory cytokines are associated with reduced IGF-I levels and retinopathy of prematurity. Growth Hormone and IGF Research, 2018, 39, 19-24. | 0.5 | 29 |
| 101 | Association of Docosahexaenoic Acid and Arachidonic Acid Serum Levels With Retinopathy of Prematurity in Preterm Infants. JAMA Network Open, 2021, 4, e2128771. | 2.8 | 29 |
| 102 | Abnormal Retinal Optic Nerve Morphology in Young Adults after Intrauterine Growth Restriction. Pediatric Research, 2004, 56, 139-143. | 1.1 | 28 |
| 103 | Visual and ocular findings in children adopted from eastern Europe. British Journal of Ophthalmology, 2004, 88, 1362-1367. | 2.1 | 28 |
| 104 | Abnormal vessel morphology in boys born after intracytoplasmic sperm injection. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 1512-1517. | 0.7 | 28 |
| 105 | Adiponectin Mediates Dietary Omega-3 Long-Chain Polyunsaturated Fatty Acid Protection Against Choroidal Neovascularization in Mice. , 2017, 58, 3862. | | 27 |
| 106 | Eye size in healthy Swedish children and in children with fetal alcohol syndrome. Acta Ophthalmologica, 1997, 75, 423-428. | 0.4 | 26 |
| 107 | Maternal and neonatal factors associated with poor early weight gain and later retinopathy of prematurity. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 1528-1533. | 0.7 | 26 |
| 108 | Targeting Neurovascular Interaction in Retinal Disorders. International Journal of Molecular Sciences, 2020, 21, 1503. | 1.8 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Visual Function in Young Adults Following Intrauterine Growth Retardation. Journal of Pediatric Ophthalmology and Strabismus, 2004, 41, 212-218. | 0.3 | 26 |
| 110 | Visual impairment is common in children born before 25 gestational weeksâ€"boys are more vulnerable than girls. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 261-265. | 0.7 | 25 |
| 111 | Proliferative Retinopathy Is Associated with Impaired Increase in BDNF and RANTES Expression Levels after Preterm Birth. Neonatology, 2010, 98, 409-418. | 0.9 | 25 |
| 112 | Neurodevelopmental disorders and somatic diagnoses in a national cohort of children born before 24 weeks of gestation. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 1167-1175. | 0.7 | 25 |
| 113 | Fresh-Frozen Plasma as a Source of Exogenous Insulin-Like Growth Factor-I in the Extremely Preterm Infant. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 477-482. | 1.8 | 24 |
| 114 | IGF-I in the clinics: Use in retinopathy of prematurity. Growth Hormone and IGF Research, 2016, 30-31, 75-80. | 0.5 | 24 |
| 115 | Longâ€chain polyunsaturated fatty acids decline rapidly in milk from mothers delivering extremely preterm indicating the need for supplementation. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1020-1027. | 0.7 | 24 |
| 116 | Diagnostic value of magnetic resonance imaging and planimetric measurement of optic disc size in confirming optic nerve hypoplasia. Journal of AAPOS, 1999, 3, 104-108. | 0.2 | 23 |
| 117 | Association between visual impairment and functional and morphological cerebral abnormalities in full-term children. Acta Ophthalmologica, 2001, 79, 140-146. | 0.4 | 23 |
| 118 | A recurrent gain of chromosome arm 3q in primary squamous carcinoma of the vagina. Cancer Genetics and Cytogenetics, 2004, 148, 7-13. | 1.0 | 23 |
| 119 | Inflammatory Markers in Suction Blister Fluid: A Comparative Study Between Interstitial Fluid and Plasma. Frontiers in Immunology, 2020, 11, 597632. | 2.2 | 23 |
| 120 | Fixation Stability in Normal Children. Annals of the New York Academy of Sciences, 2005, 1039, 480-483. | 1.8 | 22 |
| 121 | Strabismus, Binocular Functions and Ocular Motility in Children with Hydrocephalus. Strabismus, 2007, 15, 79-88. | 0.4 | 22 |
| 122 | Birth Weight Deviation and Early Postnatal Growth Are Related to Optic Nerve Morphology at School Age in Children Born Preterm. Pediatric Research, 2010, 67, 325-329. | 1.1 | 22 |
| 123 | Lipid metabolites in the pathogenesis and treatment of neovascular eye disease. British Journal of Ophthalmology, 2011, 95, 1496-1501. | 2.1 | 22 |
| 124 | Insulin-Like Growth Factor-1 and Anti-Vascular Endothelial Growth Factor in Retinopathy of Prematurity: Has the Time Come. Neonatology, 2014, 106, 254-260. | 0.9 | 20 |
| 125 | Implementing higher oxygen saturation targets reduced the impact of poor weight gain as a predictor for retinopathy of prematurity. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 767-773. | 0.7 | 19 |
| 126 | Screening and novel therapies for retinopathy of prematurity â€“ A review. Early Human Development, 2019, 138, 104846. | 0.8 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | WINROP can modify ROP screening praxis: a validation of WINROP in populations in SÃ¶rmland and VÃstmanland. British Journal of Ophthalmology, 2014, 98, 964-966. | 2.1 | 18 |
| 128 | Early Surge in Circulatory Adiponectin Is Associated With Improved Growth at Near Term in Very Preterm Infants. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2380-2387. | 1.8 | 18 |
| 129 | Erythropoietin serum levels, versus anaemia as risk factors for severe retinopathy of prematurity. Pediatric Research, 2019, 86, 276-282. | 1.1 | 18 |
| 130 | Free fatty acid receptor 4 activation protects against choroidal neovascularization in mice. Angiogenesis, 2020, 23, 385-394. | 3.7 | 17 |
| 131 | Docosahexaenoic Acid and Arachidonic Acid Levels Are Associated with Early Systemic Inflammation in Extremely Preterm Infants. Nutrients, 2020, 12, 1996. | 1.7 | 17 |
| 132 | Accuracy of pulse oximetry in preterm and term infants is insufficient to determine arterial oxygen saturation and tension. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2251-2257. | 0.7 | 17 |
| 133 | IGF1, serum glucose, and retinopathy of prematurity in extremely preterm infants. JCI Insight, 2020, 5, . | 2.3 | 17 |
| 134 | Retinal Sequelae in Adults Treated With Cryotherapy for Retinopathy of Prematurity. , 2016, 57, OCT550. | | 16 |
| 135 | Fetal haemoglobin and bronchopulmonary dysplasia in neonates: an observational study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 88-92. | 1.4 | 16 |
| 136 | Fundus Morphology Assessed by Digital Image Analysis in Children With Fetal Alcohol Syndrome. Journal of Pediatric Ophthalmology and Strabismus, 1997, 34, 17-23. | 0.3 | 16 |
| 137 | Subnormal visual perception in school-aged ex-preterm patients in a paediatric eye clinic. Eye, 2004, 18, 628-634. | 1.1 | 15 |
| 138 | Relationships between ophthalmological and neuropaediatric findings in children adopted from Eastern Europe. Acta Ophthalmologica, 2010, 88, 227-234. | 0.6 | 15 |
| 139 | Continuous longitudinal infusion of rhIGF-1/rhIGFBP-3 in extremely preterm infants: Evaluation of feasibility in a phase II study. Growth Hormone and IGF Research, 2017, 36, 44-51. | 0.5 | 15 |
| 140 | Development of a Retinopathy of Prematurity Activity Scale and Clinical Outcome Measures for Use in Clinical Trials. JAMA Ophthalmology, 2019, 137, 305. | 1.4 | 15 |
| 141 | Long-Acting FGF21 Inhibits Retinal Vascular Leakage in In Vivo and In Vitro Models. International Journal of Molecular Sciences, 2020, 21, 1188. | 1.8 | 15 |
| 142 | Dramatic changes in blood protein levels during the first week of life in extremely preterm infants. Pediatric Research, 2021, 89, 604-612. | 1.1 | 15 |
| 143 | Analysis of Brain Injury Biomarker Neurofilament Light and Neurodevelopmental Outcomes and Retinopathy of Prematurity Among Preterm Infants. JAMA Network Open, 2021, 4, e214138. | 2.8 | 15 |
| 144 | Visual and ocular outcome in children after prenatal exposure to antiepileptic drugs. Acta Ophthalmologica, 1999, 77, 530-535. | 0.4 | 14 |

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|---|---|---|---|
| 145 | Visual fields and optic disc morphology in very low birthweight adolescents examined with magnetic resonance imaging of the brain. Acta Ophthalmologica, 2009, 87, 843-848. | 0.6 | 14 |
| 146 | Weight at first detection of retinopathy of prematurity predicts disease severity. British Journal of Ophthalmology, 2014, 98, 1565-1569. | 2.1 | 14 |
| 147 | Ocular morphology and visual function in relation to general growth in moderateâ€toâ€late preterm schoolâ€aged children. Acta Ophthalmologica, 2016, 94, 712-720. | 0.6 | 14 |
| 148 | Expression of S100A Alarmins in Cord Blood Monocytes Is Highly Associated With Chorioamnionitis and Fetal Inflammation in Preterm Infants. Frontiers in Immunology, 2020, 11, 1194. | 2.2 | 14 |
| 149 | Decreased Platelet Counts and Serum Levels of VEGF-A, PDGF-BB, and BDNF in Extremely Preterm Infants Developing Severe ROP. Neonatology, 2021, 118, 18-27. | 0.9 | 14 |
| 150 | Low fraction of fetal haemoglobin is associated with retinopathy of prematurity in the very preterm infant. British Journal of Ophthalmology, 2022, 106, 970-974. | 2.1 | 14 |
| 151 | Ophthalmological findings in children born after intracytoplasmic sperm injection. Acta Ophthalmologica, 2005, 84, 177-181. | 0.4 | 13 |
| 152 | Ocular dimensions in relation to auxological data in a sample of <scp>S</scp>wedish children aged 4â€“15Âyears. Acta Ophthalmologica, 2014, 92, 682-688. | 0.6 | 13 |
| 153 | Blood protein profiles related to preterm birth and retinopathy of prematurity. Pediatric Research, 2022, 91, 937-946. | 1.1 | 13 |
| 154 | Metabolism in Retinopathy of Prematurity. Life, 2021, 11, 1119. | 1.1 | 13 |
| 155 | Omega-3/Omega-6 Long-Chain Fatty Acid Imbalance in Phase I Retinopathy of Prematurity. Nutrients, 2022, 14, 1333. | 1.7 | 13 |
| 156 | Bone and fat mass in relation to postnatal levels of insulin-like growth factors in prematurely born children at 4 y of age. Pediatric Research, 2014, 75, 544-550. | 1.1 | 12 |
| 157 | Abnormal vascular and neural retinal morphology in congenital lifetime isolated growth hormone deficiency. Growth Hormone and IGF Research, 2016, 30-31, 11-15. | 0.5 | 12 |
| 158 | Systematic review of the healthcare cost of bronchopulmonary dysplasia. BMJ Open, 2021, 11, e045729. | 0.8 | 12 |
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