Olaf Dammann

List of Publications by Year
in descending order

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94	5,694	101384	82410
papers	citations	36 h-index	72 g-index

96	96	96	5126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal Intrauterine Infection, Cytokines, and Brain Damage in the Preterm Newborn. Pediatric Research, 1997, 42, 1-8.	1.1	791
2	Retinopathy of prematurity. Lancet, The, 2013, 382, 1445-1457.	6.3	766
3	Maternal Infection, Fetal Inflammatory Response, and Brain Damage in Very Low Birth Weight Infants. Pediatric Research, 1999, 46, 566-566.	1.1	353
4	Systemic inflammation disrupts the developmental program of white matter. Annals of Neurology, 2011, 70, 550-565.	2.8	337
5	Cytokines and Perinatal Brain Damage. Clinics in Perinatology, 2008, 35, 643-663.	0.8	165
6	Maternal obesity and markers of inflammation in pregnancy. Cytokine, 2009, 47, 61-64.	1.4	164
7	Inflammatory brain damage in preterm newbornsâ€"dry numbers, wet lab, and causal inferences. Early Human Development, 2004, 79, 1-15.	0.8	159
8	Perinatal infection, inflammation, and retinopathy of prematurity. Seminars in Fetal and Neonatal Medicine, 2012, 17, 26-29.	1.1	145
9	Elevated Concentrations of Inflammation-Related Proteins in Postnatal Blood Predict Severe Developmental Delay at 2 Years of Age in Extremely Preterm Infants. Journal of Pediatrics, 2012, 160, 395-401.e4.	0.9	127
10	Intermittent or sustained systemic inflammation and the preterm brain. Pediatric Research, 2014, 75, 376-380.	1.1	119
11	Inflammation-initiating illnesses, inflammation-related proteins, and cognitive impairment in extremely preterm infants. Brain, Behavior, and Immunity, 2013, 29, 104-112.	2.0	111
12	Elevated blood levels of inflammation-related proteins are associated with an attention problem at age 24 mo in extremely preterm infants. Pediatric Research, 2014, 75, 781-787.	1.1	105
13	Retinopathy of prematurity: inflammation, choroidal degeneration, and novel promising therapeutic strategies. Journal of Neuroinflammation, 2017, 14, 165.	3.1	105
14	The Relationship between Early Concentrations of 25 Blood Proteins and Cerebral White Matter Injury in Preterm Newborns: The ELGAN Study. Journal of Pediatrics, 2011, 158, 897-903.e5.	0.9	102
15	The role of systemic inflammation linking maternal BMI to neurodevelopment in children. Pediatric Research, 2016, 79, 3-12.	1.1	102
16	Infection, Oxygen, and Immaturity: Interacting Risk Factors for Retinopathy of Prematurity. Neonatology, 2011, 99, 125-132.	0.9	84
17	Inflammation-related proteins in the blood of extremely low gestational age newborns. The contribution of inflammation to the appearance of developmental regulation. Cytokine, 2011, 53, 66-73.	1.4	84
18	The Breadth and Type of Systemic Inflammation and the Risk of Adverse Neurological Outcomes in Extremely Low Gestation Newborns. Pediatric Neurology, 2015, 52, 42-48.	1.0	82

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19	Does bronchopulmonary dysplasia contribute to the occurrence of cerebral palsy among infants born before 28 weeks of gestation?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, F20-F29.	1.4	77
20	Placenta Microbiology and Histology and the Risk for Severe Retinopathy of Prematurity. , 2011, 52, 7052.		67
21	Inflammation, brain damage and visual dysfunction in preterm infants. Seminars in Fetal and Neonatal Medicine, 2006, 11, 363-368.	1.1	65
22	Systemic Inflammation-Associated Proteins and Retinopathy of Prematurity in Infants Born Before the 28th Week of Gestation. , 2017, 58, 6419.		62
23	Systemic Inflammation during the First Postnatal Month and the Risk of Attention Deficit Hyperactivity Disorder Characteristics among 10 year-old Children Born Extremely Preterm. Journal of NeuroImmune Pharmacology, 2017, 12, 531-543.	2.1	59
24	Systemic inflammation on postnatal days 21 and 28 and indicators of brain dysfunction 2years later among children born before the 28th week of gestation. Early Human Development, 2016, 93, 25-32.	0.8	58
25	Edited by Alan Leviton Alan.Leviton@childrens.harvard.edu Persistent neuroâ€inflammation in cerebral palsy: a therapeutic window of opportunity?. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 6-7.	0.7	55
26	Inflammation and retinopathy of prematurity. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 975-977.	0.7	55
27	Both antenatal and postnatal inflammation contribute information about the risk of brain damage in extremely preterm newborns. Pediatric Research, 2017, 82, 691-696.	1.1	54
28	Preconditioning and the developing brain. Seminars in Perinatology, 2004, 28, 389-395.	1.1	52
29	Blood Gases and Retinopathy of Prematurity: The ELGAN Study. Neonatology, 2011, 99, 104-111.	0.9	52
30	Persistence after birth of systemic inflammation associated with umbilical cord inflammation. Journal of Reproductive Immunology, 2011, 90, 235-243.	0.8	51
31	Neurocognitive Outcomes at 10 Years of Age in Extremely Preterm Newborns with Late-Onset Bacteremia. Journal of Pediatrics, 2017, 187, 43-49.e1.	0.9	51
32	Whither systems medicine?. Experimental and Molecular Medicine, 2018, 50, e453-e453.	3.2	49
33	Lung and Brain Damage in Preterm Newborns. Neonatology, 2004, 85, 305-313.	0.9	48
34	Systemic responses of preterm newborns with presumed or documented bacteraemia. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 355-359.	0.7	43
35	Hypoxiaâ€“ischemia is not an antecedent of most preterm brain damage: the illusion of validity. Developmental Medicine and Child Neurology, 2018, 60, 120-125.	1.1	42
36	Maternal fever at birth and nonâ€verbal intelligence at age 9 years in preterm infants. Developmental Medicine and Child Neurology, 2003, 45, 148-151.	1.1	38

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37	Is maternal obesity associated with sustained inflammation in extremely low gestational age newborns?. Early Human Development, 2013, 89, 949-955.	0.8	38
38	Perinatal Brain Damage Causation. Developmental Neuroscience, 2007, 29, 280-288.	1.0	37
39	Early Blood Gas Abnormalities and the Preterm Brain. American Journal of Epidemiology, 2010, 172, 907-916.	1.6	37
40	Antenatal mycoplasma infection, the fetal inflammatory response and cerebral white matter damage in very-low-birthweight infants. Paediatric and Perinatal Epidemiology, 2003, 17, 49-57.	0.8	33
41	Retinopathy of prematurity and brain damage in the very preterm newborn. Journal of AAPOS, 2014, 18, 241-247.	0.2	33
42	Duration of Systemic Inflammation in the First Postnatal Month Among Infants Born Before the 28th Week of Gestation. Inflammation, 2016, 39, 672-677.	1.7	33
43	Pregnancy disorders appear to modify the risk for retinopathy of prematurity associated with neonatal hyperoxemia and bacteremia. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 811-818.	0.7	29
44	Elevated Endogenous Erythropoietin Concentrations Are Associated with Increased Risk of Brain Damage in Extremely Preterm Neonates. PLoS ONE, 2015, 10, e0115083.	1.1	29
45	The risk of neurodevelopmental disorders at age 10â€¯years associated with blood concentrations of interleukins 4 and 10 during the first postnatal month of children born extremely preterm. Cytokine, 2018, 110, 181-188.	1.4	25
46	Retinopathy of prematurity, visual and neurodevelopmental outcome, and imaging of the central nervous system. Seminars in Perinatology, 2019, 43, 381-389.	1.1	25
47	Data, Information, Evidence, and Knowledge: A Proposal for Health Informatics and Data Science. Online Journal of Public Health Informatics, 2018, 10, e224.	0.4	22
48	Maternal fever at birth and non-verbal intelligence at age 9 years in preterm infants. Developmental Medicine and Child Neurology, 2003, 45, 148-51.	1.1	22
49	Effect of sustained postnatal systemic inflammation on hippocampal volume and function in mice. Pediatric Research, 2014, 76, 363-369.	1.1	21
50	Systems approach to the study of brain damage in the very preterm newborn. Frontiers in Systems Neuroscience, 2015, 9, 58.	1.2	21
51	Antecedents and correlates of blood concentrations of neurotrophic growth factors in very preterm newborns. Cytokine, 2017, 94, 21-28.	1.4	21
52	Circulating biomarkers in extremely preterm infants associated with ultrasound indicators of brain damage. European Journal of Paediatric Neurology, 2018, 22, 440-450.	0.7	21
53	Placental CpG Methylation of Inflammation, Angiogenic, and Neurotrophic Genes and Retinopathy of Prematurity. , 2019, 60, 2888.		20
54	Endogenous erythropoietin varies significantly with inflammation-related proteins in extremely premature newborns. Cytokine, 2014, 69, 22-28.	1.4	18

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55	Systemic endogenous erythropoietin and associated disorders in extremely preterm newborns. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F458-F463.	1.4	18
56	The prenatal phase of retinopathy of prematurity. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 2521-2528.	0.7	18
57	Maternal obesity and development of the preterm newborn at 2Âyears. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 900-903.	0.7	16
58	Early Postnatal IGF-1 and IGFBP-1 Blood Levels in Extremely Preterm Infants: Relationships with Indicators of Placental Insufficiency and with Systemic Inflammation. American Journal of Perinatology, 2019, 36, 1442-1452.	0.6	16
59	Executive Dysfunction Early Postnatal Biomarkers among Children Born Extremely Preterm. Journal of NeuroImmune Pharmacology, 2019, 14, 188-199.	2.1	16
60	Antecedents and early correlates of high and low concentrations of angiogenic proteins in extremely preterm newborns. Clinica Chimica Acta, 2017, 471, 1-5.	0.5	15
61	Maternal obesity and attention-related symptoms in the preterm offspring. Early Human Development, 2017, 115, 9-15.	0.8	15
62	Bronchopulmonary Dysplasia Is Not Associated with Ultrasound-Defined Cerebral White Matter Damage in Preterm Newborns. Pediatric Research, 2004, 55, 319-325.	1.1	14
63	Antecedents of inflammation biomarkers in preterm newborns on days 21 and 28. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 274-280.	0.7	14
64	Blood protein concentrations in the first two postnatal weeks associated with early postnatal blood gas derangements among infants born before the 28th week of gestation. The ELGAN Study. Cytokine, 2011, 56, 392-398.	1.4	13
65	The Etiological Stance: Explaining Illness Occurrence. Perspectives in Biology and Medicine, 2017, 60, 151-165.	0.3	13
66	Neonatal systemic inflammation and the risk of low scores on measures of reading and mathematics achievement at age 10 years among children born extremely preterm. International Journal of Developmental Neuroscience, 2018, 66, 45-53.	0.7	13
67	Hillâ€™s Heuristics and Explanatory Coherentism in Epidemiology. American Journal of Epidemiology, 2018, 187, 1-6.	1.6	12
68	Antenatal glucocorticoids and neonatal inflammation-associated proteins. Cytokine, 2016, 88, 199-208.	1.4	11
69	Socioeconomic status and early blood concentrations of inflammation-related and neurotrophic proteins among extremely preterm newborns. PLoS ONE, 2019, 14, e0214154.	1.1	11
70	Antecedents and outcomes of hypothermia at admission to the neonatal intensive care unit. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 66-71.	0.7	11
71	Etiological Explanations. , 0, , .		11
72	Are Extremely Low Gestational Age Newborns Born to Obese Women at Increased Risk of Cerebral Palsy at 2 Years?. Journal of Child Neurology, 2018, 33, 216-224.	0.7	10

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73	Visuopathy of prematurity: is retinopathy just the tip of the iceberg?. Pediatric Research, 2022, 91, 1043-1048.	1.1	10
74	Evidence, illness, and causation: An epidemiological perspective on the Russoâ€“Williamson Thesis. Studies in History and Philosophy of Science Part C:Studies in History and Philosophy of Biological and Biomedical Sciences, 2015, 54, 1-9.	0.8	8
75	Everything is connected: social determinants of pediatric health and disease. Pediatric Research, 2016, 79, 125-126.	1.1	8
76	â€˜Cerebral palsyâ€™- rejected, refined, recovered. Developmental Medicine and Child Neurology, 2007, 49, 17-18.	1.1	7
77	Antecedents and correlates of visual field deficits in children born extremely preterm. European Journal of Paediatric Neurology, 2015, 19, 56-63.	0.7	6
78	Paediatric neurology: the many faces of development. Lancet Neurology, The, 2007, 6, 12-14.	4.9	5
79	Maternal Overweight, Inflammation and Neurological Consequences for the Preterm Child: Results of the ELGAN Study. Geburtshilfe Und Frauenheilkunde, 2019, 79, 1176-1182.	0.8	5
80	Agent-based computational model of the prevalence of gonococcal infections after the implementation of HIV pre-exposure prophylaxis guidelines. Online Journal of Public Health Informatics, 2015, 7, e224.	0.4	5
81	Absence of pestivirus antigen in brains with white matter damage. Developmental Medicine and Child Neurology, 2006, 48, 290-293.	1.1	4
82	Happiness reconsidered in children with cerebral palsy. Lancet, The, 2007, 369, 2137-2138.	6.3	4
83	Impaired Visual Fixation at the Age of 2ÂYears in Children Born Before the Twenty-Eighth Week of Gestation. Antecedents and Correlates in the Multicenter ELGAN Study. Pediatric Neurology, 2014, 51, 36-42.	1.0	4
84	Causality, mosaics, and the health sciences. Theoretical Medicine and Bioethics, 2016, 37, 161-168.	0.4	4
85	Evidence-based child neurology. Developmental Medicine and Child Neurology, 2006, 48, 622.	1.1	3
86	A Causally NaÃ¯ve and Rigid Population Model of Disease Occurrence Given Two Non-Independent Risk Factors. Online Journal of Public Health Informatics, 2018, 10, e216.	0.4	3
87	Postnatal systemic inflammation and neuroâ€ophthalmologic dysfunctions in extremely low gestational age children. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 454-457.	0.7	2
88	Socioemotional dysfunctions at age 10â€¯years in extremely preterm newborns with late-onset bacteremia. Early Human Development, 2018, 121, 1-7.	0.8	2
89	Causation and causal inference in obstetrics-gynecology. American Journal of Obstetrics and Gynecology, 2022, 226, 12-23.	0.7	2
90	Toward Epistemic, Intersectoral, and Disciplinary Humility for Population Health Science. American Journal of Public Health, 2020, 110, 425-426.	1.5	1

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91	Evidence-based child neurology. Developmental Medicine and Child Neurology, 2006, 48, 622-624.	1.1	0
92	By the Wayâ€¦. Pediatric Research, 2015, 78, 602-602.	1.1	0
93	Philosophy, Epidemiology, and Cerebral Palsy Causation. , 2018, , 29-33.		0
94	Health Humanities in Medicina: The Auxiliary Stance. Medicina (Lithuania), 2022, 58, 411.	0.8	0