

Tobias Strunk

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,517
citations

218381

26
h-index

214527

47
g-index

95
all docs

95
docs citations

95
times ranked

3196
citing authors

#	ARTICLE	IF	CITATIONS
1	Infection-induced inflammation and cerebral injury in preterm infants. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 751-762.	4.6	235
2	Innate immunity in human newborn infants: prematurity means more than immaturity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 25-31.	0.7	195
3	Effects of vitamin C on intracytoplasmic cytokine production in human whole blood monocytes and lymphocytes. <i>Cytokine</i> , 2004, 27, 101-106.	1.4	145
4	Histologic Chorioamnionitis Is Associated With Reduced Risk of Late-Onset Sepsis in Preterm Infants. <i>Pediatrics</i> , 2012, 129, e134-e141.	1.0	115
5	Association of gestational age and growth measures at birth with infection-related admissions to hospital throughout childhood: a population-based, data-linkage study from Western Australia. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 952-961.	4.6	112
6	Differential Maturation of the Innate Immune Response in Human Fetuses. <i>Pediatric Research</i> , 2004, 56, 219-226.	1.1	96
7	Increased numbers of CCR5+ interferon- γ - and tumor necrosis factor- γ -secreting T lymphocytes in multiple sclerosis patients. <i>Annals of Neurology</i> , 2000, 47, 269-273.	2.8	92
8	Challenges in developing a consensus definition of neonatal sepsis. <i>Pediatric Research</i> , 2020, 88, 14-26.	1.1	80
9	Levels of innate immune factors in preterm and term mothers' breast milk during the 1st month postpartum. <i>British Journal of Nutrition</i> , 2016, 115, 1178-1193.	1.2	78
10	Leukocyte Populations in Human Preterm and Term Breast Milk Identified by Multicolour Flow Cytometry. <i>PLoS ONE</i> , 2015, 10, e0135580.	1.1	75
11	TLR2 Mediates Recognition of Live <i>Staphylococcus epidermidis</i> and Clearance of Bacteremia. <i>PLoS ONE</i> , 2010, 5, e10111.	1.1	62
12	Antimicrobial Protein and Peptide Concentrations and Activity in Human Breast Milk Consumed by Preterm Infants at Risk of Late-Onset Neonatal Sepsis. <i>PLoS ONE</i> , 2015, 10, e0117038.	1.1	62
13	Preterm Infants Have Deficient Monocyte and Lymphocyte Cytokine Responses to Group B <i>Streptococcus</i> . <i>Infection and Immunity</i> , 2011, 79, 1588-1596.	1.0	59
14	Neonatal sepsis: need for consensus definition, collaboration and core outcomes. <i>Pediatric Research</i> , 2020, 88, 2-4.	1.1	58
15	Implementation of the Neonatal Sepsis Calculator in an Australian Tertiary Perinatal Centre. <i>Neonatology</i> , 2018, 113, 379-382.	0.9	56
16	Responsiveness of human monocytes to the commensal bacterium <i>Staphylococcus epidermidis</i> develops late in gestation. <i>Pediatric Research</i> , 2012, 72, 10-18.	1.1	53
17	The phenotype and function of preterm infant monocytes: implications for susceptibility to infection. <i>Journal of Leukocyte Biology</i> , 2017, 102, 645-656.	1.5	53
18	Neonatal immune responses to coagulase-negative staphylococci. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 370-375.	1.3	51

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19	Inflammatory and Haematological Markers in the Maternal, Umbilical Cord and Infant Circulation in Histological Chorioamnionitis. PLoS ONE, 2012, 7, e51836.	1.1	48
20	Phagocytosis of neonatal pathogens by peripheral blood neutrophils and monocytes from newborn preterm and term infants. Pediatric Research, 2013, 74, 503-510.	1.1	46
21	Sepsis-Induced Immunosuppression in Neonates. Frontiers in Pediatrics, 2018, 6, 357.	0.9	43
22	Precision Medicine for Neonatal Sepsis. Frontiers in Molecular Biosciences, 2018, 5, 70.	1.6	43
23	Subacute leukencephalopathy after low-dose intrathecal methotrexate in an adolescent heterozygous for the MTHFR C677T polymorphism. Medical and Pediatric Oncology, 2003, 40, 48-50.	1.0	35
24	Exposure to chorioamnionitis alters the monocyte transcriptional response to the neonatal pathogen <i>Staphylococcus epidermidis</i> . Immunology and Cell Biology, 2018, 96, 792-804.	1.0	35
25	Erythropoietin inhibits cytokine production of neonatal and adult leukocytes. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 16-20.	0.7	34
26	Neonatal sepsis definitions from randomised clinical trials. Pediatric Research, 2023, 93, 1141-1148.	1.1	34
27	Effects of lactoferrin on neonatal pathogens and Bifidobacterium breve in human breast milk. PLoS ONE, 2018, 13, e0201819.	1.1	33
28	Method of bacterial killing differentially affects the human innate immune response to <i>Staphylococcus epidermidis</i> . Innate Immunity, 2011, 17, 508-516.	1.1	27
29	Topical Coconut Oil in Very Preterm Infants: An Open-Label Randomised Controlled Trial. Neonatology, 2018, 113, 146-151.	0.9	26
30	Human alkaline phosphatase dephosphorylates microbial products and is elevated in preterm neonates with a history of late-onset sepsis. PLoS ONE, 2017, 12, e0175936.	1.1	26
31	Mode of birth and risk of infection-related hospitalisation in childhood: A population cohort study of 7.17 million births from 4 high-income countries. PLoS Medicine, 2020, 17, e1003429.	3.9	24
32	Topical application of coconut oil to the skin of preterm infants: a systematic review. European Journal of Pediatrics, 2019, 178, 1317-1324.	1.3	23
33	Early and sustained Lactobacillus plantarum probiotic therapy in critical illness: the randomised, placebo-controlled, restoration of gut microflora in critical illness trial (ROCIT). Intensive Care Medicine, 2021, 47, 307-315.	3.9	22
34	Histological chorioamnionitis and developmental outcomes in very preterm infants. Journal of Perinatology, 2019, 39, 321-330.	0.9	19
35	Vancomycin Is Protective in a Neonatal Mouse Model of <i>Staphylococcus epidermidis</i> -Potentiated Hypoxic-Ischemic Brain Injury. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	19
36	Genetic susceptibility to neonatal infection. Current Opinion in Infectious Diseases, 2006, 19, 259-263.	1.3	17

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37	Effects of maturation and size on population pharmacokinetics of pentoxifylline and its metabolites in very preterm infants with suspected late-onset sepsis or necrotizing enterocolitis: a pilot study incorporating clinical outcomes. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 147-159.	1.1	17
38	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. <i>PLoS ONE</i> , 2020, 15, e0233841.	1.1	17
39	Effectiveness of Palivizumab against Respiratory Syncytial Virus: Cohort and Case Series Analysis. <i>Journal of Pediatrics</i> , 2019, 214, 121-127.e1.	0.9	16
40	Look Who's Talking: Host and Pathogen Drivers of <i>Staphylococcus epidermidis</i> Virulence in Neonatal Sepsis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 860.	1.8	15
41	NOD1 and NOD2 expression and function in very preterm infant mononuclear cells. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, e212-e218.	0.7	14
42	Probiotics to prevent early-life infection. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 378-379.	4.6	13
43	Simultaneous determination of pentoxifylline, metabolites M1 (lisofylline), M4 and M5, and caffeine in plasma and dried blood spots for pharmacokinetic studies in preterm infants and neonates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 302-313.	1.4	13
44	Plasma cytokine profiles in very preterm infants with late-onset sepsis. <i>PLoS ONE</i> , 2020, 15, e0232933.	1.1	13
45	Impaired Cytokine Responses to Live <i>Staphylococcus epidermidis</i> in Preterm Infants Precede Gram-positive, Late-onset Sepsis. <i>Clinical Infectious Diseases</i> , 2021, 72, 271-278.	2.9	13
46	Late-onset right-sided diaphragmatic hernia in neonates - case report and review of the literature. <i>European Journal of Pediatrics</i> , 2007, 166, 521-526.	1.3	12
47	Genetic and epigenetic susceptibility to early life infection. <i>Current Opinion in Infectious Diseases</i> , 2013, 26, 241-247.	1.3	12
48	Probiotics and antimicrobial protein and peptide levels in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1747-1753.	0.7	12
49	Maternal Chorioamnionitis and Postneonatal Respiratory Tract Infection in Ex-Preterm Infants. <i>Journal of Pediatrics</i> , 2017, 184, 62-67.e2.	0.9	11
50	Identification of generic and pathogen-specific cord blood monocyte transcriptomes reveals a largely conserved response in preterm and term newborn infants. <i>Journal of Molecular Medicine</i> , 2018, 96, 147-157.	1.7	9
51	Cyclic AMP in human preterm infant blood is associated with increased TLR-mediated production of acute-phase and anti-inflammatory cytokines in vitro. <i>Pediatric Research</i> , 2020, 88, 717-725.	1.1	8
52	Intravenous pentoxifylline is well tolerated in critically ill preterm infants with sepsis or necrotizing enterocolitis. <i>European Journal of Pediatrics</i> , 2020, 179, 1325-1330.	1.3	8
53	<i>Rhodococcus equi</i> Meningitis After Ventriculoperitoneal Shunt Insertion in a Preterm Infant. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 1076-1077.	1.1	7
54	Neonatal sepsis: a systematic review of core outcomes from randomised clinical trials. <i>Pediatric Research</i> , 2022, 91, 735-742.	1.1	7

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55	Physical compatibility of pentoxifylline and intravenous medications. Archives of Disease in Childhood, 2019, 104, 292-295.	1.0	6
56	Prematurity and Mortality in Childhood and Early Adulthood. JAMA - Journal of the American Medical Association, 2012, 307, 32.	3.8	5
57	RSV prophylaxis use in high-risk infants in Western Australia, 2002-2013: a record linkage cohort study. BMC Pediatrics, 2020, 20, 490.	0.7	5
58	Compatibility of pentoxifylline and parenteral medications. Archives of Disease in Childhood, 2020, 105, 395-397.	1.0	5
59	Compatibility of intravenous pentoxifylline with other medications infused concurrently in preterm infants with late-onset sepsis. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1288-1289.	0.7	4
60	Routine Use of Topical Coconut Oil in Extremely Preterm Infants. Neonatology, 2019, 115, 346-347.	0.9	4
61	Neonatal Staphylococcus Aureus Sepsis: a 20-year Western Australian experience. Journal of Perinatology, 2022, 42, 1440-1445.	0.9	4
62	Late-onset group B streptococcal cellulitis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F215-F215.	1.4	3
63	Topical Coconut Oil Contributes to Systemic Monolaurin Levels in Very Preterm Infants. Neonatology, 2019, 116, 299-301.	0.9	3
64	Lactoferrin Expression Is Not Associated with Late-Onset Sepsis in Very Preterm Infants. Neonatology, 2020, 117, 606-611.	0.9	3
65	Neonatal nurses'™ perceptions of topical coconut oil for very preterm infants. Journal of Neonatal Nursing, 2020, 26, 173-174.	0.3	3
66	Editorial: Immunity in Compromised Newborns. Frontiers in Immunology, 2021, 12, 732332.	2.2	3
67	Anaplastic ependymoma with pleuropulmonary relapse. Medical and Pediatric Oncology, 2003, 41, 467-468.	1.0	2
68	Chronic maternal infections during pregnancy. Lancet Infectious Diseases, The, 2012, 12, 747-748.	4.6	2
69	Suppurative Submandibular Mass in a Preterm Infant. Pediatric Infectious Disease Journal, 2013, 32, 578-579.	1.1	2
70	Tinea faciei in a very preterm infant. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F376-F376.	1.4	2
71	Study protocol for the safety and efficacy of probiotic therapy on days alive and out of hospital in adult ICU patients: the multicentre, randomised, placebo-controlled Restoration Of gut microflora in Critical Illness Trial (ROCIT). BMJ Open, 2020, 10, e035930.	0.8	2
72	Composition of early life leukocyte populations in preterm infants with and without late-onset sepsis. PLoS ONE, 2022, 17, e0264768.	1.1	2

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73	Growth Parameters, Effect Measure Modification and the Association Between Vaccination and Early Childhood Hospitalization With Non-targeted Infections. <i>Clinical Infectious Diseases</i> , 2018, 66, 318-319.	2.9	1
74	Developmental Outcomes following Topical Coconut Oil in Very Preterm Infants. <i>Neonatology</i> , 2019, 116, 302-304.	0.9	1
75	Role of C-Reactive Protein for Late-Onset Neonatal Sepsis. <i>JAMA Pediatrics</i> , 2021, 175, 100.	3.3	1
76	Plasma secretory phospholipase A2 as an early marker for late-onset sepsis in preterm infants—a pilot study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3011-3013.	0.7	1
77	Stability of pentoxifylline injection: application to neonatal/pediatric care setting. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3862-3865.	1.6	1
78	Case report Anaemia and short stature. <i>Lancet, The</i> , 2002, 360, 460.	6.3	0
79	A young girl's swollen nipple. <i>Pediatric Blood and Cancer</i> , 2005, 44, 425-426.	0.8	0
80	Title is missing!. , 2020, 17, e1003429.		0
81	Title is missing!. , 2020, 17, e1003429.		0
82	Title is missing!. , 2020, 17, e1003429.		0
83	Title is missing!. , 2020, 17, e1003429.		0
84	Title is missing!. , 2020, 17, e1003429.		0
85	Title is missing!. , 2020, 17, e1003429.		0
86	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. , 2020, 15, e0233841.		0
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90	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0

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92	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
93	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0