List of Publications by Year in descending order

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HUCH SIMON LAM

#	Article	IF	CITATIONS
1	Host-response biomarkers for diagnosis of late-onset septicemia and necrotizing enterocolitis in preterm infants. Journal of Clinical Investigation, 2010, 120, 2989-3000.	8.2	146
2	Diagnostic markers for neonatal sepsis. Current Opinion in Pediatrics, 2006, 18, 125-131.	2.0	143
3	A Double-Blind Randomised Controlled Trial of Fish Oil-Based versus Soy-Based Lipid Preparations in the Treatment of Infants with Parenteral Nutrition-Associated Cholestasis. Neonatology, 2014, 105, 290-296.	2.0	83
4	Attitudes Toward Neonatal Intensive Care Treatment of Preterm Infants With a High Risk of Developing Long-term Disabilities. Pediatrics, 2009, 123, 1501-1508.	2.1	81
5	Biomarkers for Late-Onset Neonatal Sepsis: Cytokines and Beyond. Clinics in Perinatology, 2010, 37, 599-610.	2.1	81
6	Biochemical markers of neonatal sepsis. Pathology, 2008, 40, 141-148.	0.6	80
7	Rescue treatment of infants with intestinal failure and parenteral nutrition-associated cholestasis (PNAC) using a parenteral fish-oil-based lipid. Clinical Nutrition, 2009, 28, 209-212.	5.0	75
8	The use of laboratory biomarkers for surveillance, diagnosis and prediction of clinical outcomes in neonatal sepsis and necrotising enterocolitisÂ. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F448-F452.	2.8	73
9	High-Dose Oral Erythromycin Decreased the Incidence of Parenteral Nutrition-Associated Cholestasis in Preterm Infants. Gastroenterology, 2007, 132, 1726-1739.	1.3	72
10	Gut-Associated Biomarkers L-FABP, I-FABP, and TFF3 and LIT Score for Diagnosis of Surgical Necrotizing Enterocolitis in Preterm Infants. Annals of Surgery, 2013, 258, 1111-1118.	4.2	72
11	Intranasal corticosteroids for mild childhood obstructive sleep apnea – a randomized, placebo-controlled study. Sleep Medicine, 2015, 16, 358-363.	1.6	72
12	Fetal methylmercury exposure as measured by cord blood mercury concentrations in a mother–infant cohort in Hong Kong. Environment International, 2007, 33, 84-92.	10.0	69
13	The Mucosal and Serological Immune Responses to the Novel Coronavirus (SARS-CoV-2) Vaccines. Frontiers in Immunology, 2021, 12, 744887.	4.8	68
14	Genome-wide Expression Profiles of Necrotizing Enterocolitis Versus Spontaneous Intestinal Perforation in Human Intestinal Tissues. Annals of Surgery, 2014, 260, 1128-1137.	4.2	64
15	Comparative MiRNA Expressional Profiles and Molecular Networks in Human Small Bowel Tissues of Necrotizing Enterocolitis and Spontaneous Intestinal Perforation. PLoS ONE, 2015, 10, e0135737.	2.5	64
16	Prevalence of metabolic syndrome in a cohort of Chinese schoolchildren: comparison of two definitions and assessment of adipokines as components by factor analysis. BMC Public Health, 2013, 13, 249.	2.9	60
17	Rapid identification and differentiation of Gram-negative and Gram-positive bacterial bloodstream infections by quantitative polymerase chain reaction in preterm infants*. Critical Care Medicine, 2009, 37, 2441-2447.	0.9	54
18	Renal screening in children after exposure to low dose melamine in Hong Kong: cross sectional study. BMJ: British Medical Journal, 2008, 337, a2991-a2991.	2.3	52

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19	A 4-Year Prospective Follow-up Study of Childhood OSA and Its Association With BP. Chest, 2014, 145, 1255-1263.	0.8	51
20	Immunoregulatory Protein Profiles of Necrotizing Enterocolitis versus Spontaneous Intestinal Perforation in Preterm Infants. PLoS ONE, 2012, 7, e36977.	2.5	51
21	Insulin and obstructive sleep apnea in obese Chinese children. Pediatric Pulmonology, 2006, 41, 1175-1181.	2.0	48
22	Risk of Vitamin A Toxicity From Candy-Like Chewable Vitamin Supplements for Children. Pediatrics, 2006, 118, 820-824.	2.1	42
23	Acute and Chronic Effects of Sleep Duration on Blood Pressure. Pediatrics, 2014, 133, e64-e72.	2.1	40
24	SARS-CoV-2 detection by nasal strips: A superior tool for surveillance of paediatric population. Journal of Infection, 2021, 82, 84-123.	3.3	36
25	Mal-Positioned Umbilical Venous Catheter Causing Liver Abscess in a Preterm Infant. Neonatology, 2005, 88, 54-56.	2.0	35
26	Long term neurocognitive impact of low dose prenatal methylmercury exposure in Hong Kong. Environment International, 2013, 54, 59-64.	10.0	34
27	Sleep duration and risk of diabetes: Observational and Mendelian randomization studies. Preventive Medicine, 2019, 119, 24-30.	3.4	34
28	Endothelial Function in Children With OSA and the Effects of Adenotonsillectomy. Chest, 2015, 147, 132-139.	0.8	33
29	A pilot randomized study to assess immunogenicity, reactogenicity, safety and tolerability of two human papillomavirus vaccines administered intramuscularly and intradermally to females aged 18–26 years. Vaccine, 2013, 31, 3452-3460.	3.8	31
30	Plasma miR-1290 Is a Novel and Specific Biomarker for Early Diagnosis of Necrotizing Enterocolitis—Biomarker Discovery with Prospective Cohort Evaluation. Journal of Pediatrics, 2019, 205, 83-90.e10.	1.8	31
31	Pneumococcal carriage in young children after introduction of PCV13 in Hong Kong. Vaccine, 2016, 34, 3867-3874.	3.8	30
32	Impact of fetal and childhood mercury exposure on immune status in children. Environmental Research, 2016, 144, 66-72.	7.5	30
33	Serum levels of heavy metals in childhood eczema and skin diseases: Friends or foes. Pediatric Allergy and Immunology, 2010, 21, 831-836.	2.6	29
34	Leukotriene receptor antagonist in the treatment of childhood allergic rhinitis—a randomized placebo ontrolled study. Pediatric Pulmonology, 2009, 44, 1085-1092.	2.0	28
35	Early Diagnosis of Intra-Abdominal Inflammation and Sepsis by Neutrophil CD64 Expression in Newborns. Neonatology, 2011, 99, 118-124.	2.0	28
36	Cough frequency in children with mild asthma correlates with sputum neutrophil count. Thorax, 2006, 61, 747-750.	5.6	27

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37	Reduced flow-mediated vasodilation of brachial artery in children with primary snoring. International Journal of Cardiology, 2013, 167, 2092-2096.	1.7	27
38	Neutrophil CD64 for Daily Surveillance of Systemic Infection and Necrotizing Enterocolitis in Preterm Infants. Clinical Chemistry, 2013, 59, 1753-1760.	3.2	27
39	A Longitudinal Study to Establish the Normative Value and to Evaluate Perinatal Factors Affecting Intraocular Pressure in Preterm Infants. , 2008, 49, 87.		25
40	Biomarkers in Neonatology: The Next Generation of Tests. Neonatology, 2012, 102, 145-151.	2.0	25
41	Sleep Duration and Adiposity in Children and Adults: Observational and Mendelian Randomization Studies. Obesity, 2019, 27, 1013-1022.	3.0	25
42	Dysregulation of miRâ€431 and target gene <i>FOXA1</i> in intestinal tissues of infants with necrotizing enterocolitis. FASEB Journal, 2019, 33, 5143-5152.	0.5	25
43	Gestational Age, Birthweight for Gestational Age, and Childhood Hospitalisations for Asthma and Other Wheezing Disorders. Paediatric and Perinatal Epidemiology, 2016, 30, 149-159.	1.7	24
44	Parental behaviors and sleep/wake patterns of infants and toddlers in Hong Kong, China. World Journal of Pediatrics, 2017, 13, 496-502.	1.8	24
45	A Prospective Longitudinal Study to Estimate the "Adjusted Cortisol Percentile―in Preterm Infants. Pediatric Research, 2011, 69, 511-516.	2.3	21
46	Predictors for failed dose reduction of inhaled corticosteroids in childhood asthma. Respirology, 2008, 13, 400-407.	2.3	20
47	Congenital Intrathoracic Stomach: Short Esophagus or Hiatal Hernia?. Neonatology, 2008, 93, 178-181.	2.0	19
48	Use of prokinetics in the preterm infant. Current Opinion in Pediatrics, 2011, 23, 156-160.	2.0	17
49	Late prematurity and adiposity in adolescents: Evidence from "Children of 1997―birth cohort. Obesity, 2015, 23, 2309-2314.	3.0	17
50	Effect of l-arginine, asymmetric dimethylarginine, and symmetric dimethylarginine on ischemic heart disease risk: A Mendelian randomization study. American Heart Journal, 2016, 182, 54-61.	2.7	17
51	End-of-life decision-making for newborns: a 12-year experience in Hong Kong. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, 37-42.	2.8	17
52	Vascular Endothelial Growth Factor and Ischemic Heart Disease Risk: A Mendelian Randomization Study. Journal of the American Heart Association, 2017, 6, .	3.7	17
53	Age of puberty and Sleep duration: Observational and Mendelian randomization study. Scientific Reports, 2020, 10, 3202.	3.3	16
54	The neonatal resuscitation algorithm organized cart is more efficient than the airway–breathing–circulation organized drawer: a crossover randomized control trial. European Journal of Emergency Medicine, 2016, 23, 258-262.	1.1	15

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55	Mucosal Antibody Response to SARS-CoV-2 in Paediatric and Adult Patients: A Longitudinal Study. Pathogens, 2022, 11, 397.	2.8	15
56	Expression profile of cord blood neutrophils and dysregulation of HSPA1A and OLR1 upon challenge by bacterial peptidoglycan. Journal of Leukocyte Biology, 2013, 95, 169-178.	3.3	14
57	Effects of selenium on coronary artery disease, type 2 diabetes and their risk factors: a Mendelian randomization study. European Journal of Clinical Nutrition, 2021, 75, 1668-1678.	2.9	14
58	Methylmercury levels in commonly consumed fish and methylmercury exposure of children and women of childbearing age in Hong Kong, a high fish consumption community. Environmental Research, 2018, 166, 418-426.	7.5	13
59	Recent Patents of Complementary and Alternative Medicine for Allergic Rhinitis. Recent Patents on Inflammation and Allergy Drug Discovery, 2016, 9, 107-119.	3.6	13
60	Sleep architecture in school-aged children with primary snoring. Sleep Medicine, 2014, 15, 303-308.	1.6	12
61	Prenatal dioxin exposure and neurocognitive development in Hong Kong 11-year-old children. Environmental Research, 2016, 150, 205-212.	7.5	12
62	Dysregulated expression of arginine metabolic enzymes in human intestinal tissues of necrotizing enterocolitis and response of CaCO2 cells to bacterial components. Journal of Nutritional Biochemistry, 2016, 29, 64-72.	4.2	11
63	A child with SARS oV2â€induced croup. Pediatric Pulmonology, 2021, 56, 2377-2378.	2.0	11
64	Quantification of citrulline by parallel fragmentation monitoring — A novel method using graphitized carbon nanoparticles and MALDI-TOF/TOF mass spectrometry. Clinica Chimica Acta, 2013, 420, 121-127.	1.1	10
65	Are your hands clean enough for point-of-care electrolyte analysis?. Pathology, 2005, 37, 299-304.	0.6	9
66	Prenatal methylmercury exposure is associated with decrease heart rate variability in children. Environmental Research, 2021, 200, 111744.	7.5	9
67	Mortality and morbidity of extremely low birth weight infants in Hong Kong, 2010-2017: a single-centre review. Hong Kong Medical Journal, 2018, 24, 460-465.	0.1	9
68	Successful Treatment of Multiple Subdural Empyemata Caused by <i>Mycoplasma hominis</i> in a Newborn. Neonatology, 2009, 95, 179-182.	2.0	8
69	Interrupter Respiratory Resistance in Healthy Chinese Preschool Children. Chest, 2009, 136, 554-560.	0.8	8
70	A Prospective Cohort Study of Fecal miR-223 and miR-451a as Noninvasive and Specific Biomarkers for Diagnosis of Necrotizing Enterocolitis in Preterm Infants. Neonatology, 2020, 117, 555-561.	2.0	8
71	Association between genetic variations in GSH-related and MT genes and low-dose methylmercury exposure in children and women of childbearing age: a pilot study. Environmental Research, 2020, 187, 109703.	7.5	8
72	Duration of puberty in preterm girls. American Journal of Human Biology, 2017, 29, e22963.	1.6	7

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73	Neural Speech Encoding in Infancy Predicts Future Language and Communication Difficulties. American Journal of Speech-Language Pathology, 2021, 30, 2241-2250.	1.8	7
74	The miRâ€⊋23/nuclear factor lâ€A axis regulates inflammation and cellular functions in intestinal tissues with necrotizing enterocolitis. FEBS Open Bio, 2021, 11, 1907-1920.	2.3	6
75	Sputum induction in children with asthma: A tertiary-center experience. Pediatric Pulmonology, 2006, 41, 720-725.	2.0	5
76	Attitudes of Parents and Health Care Workers to Major Surgery for High-Risk Preterm Infants. Journal of Pediatrics, 2016, 177, 78-83.e3.	1.8	5
77	Congenital systemic Langerhans cell histiocytosis presenting as hydrops fetalis. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1843-1847.	1.5	5
78	Fish consumption, fish atopy and related heavy metals in childhood eczema. Iranian Journal of Allergy, Asthma and Immunology, 2012, 11, 230-5.	0.4	5
79	Renal artery thrombosis and ischaemia presenting as severe neonatal hypertension. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2007, 92, F264-F264.	2.8	4
80	Rapid diagnosis of cerebral sinovenous thrombosis complicating group B streptococcus meningitis by multidetector CT venography. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2007, 93, F304-F304.	2.8	4
81	Clinical outcomes of congenital diaphragmatic hernia without extracorporeal membrane oxygenation. Early Human Development, 2012, 88, 739-741.	1.8	4
82	IL-15 and macrophage secretory factors facilitate immune activation of neonatal natural killer cells by lipoteichoic acid. Cytokine, 2013, 61, 499-505.	3.2	4
83	Life-Threatening Hemolytic Anemia after Intrapleural Instillation of OK-432 for Treatment of Congenital Chylothorax. Neonatology, 2016, 110, 303-306.	2.0	4
84	Respiratory Disorders in the Newborn. , 2019, , 338-366.e6.		4
85	R4 RGS proteins suppress engraftment of human hematopoietic stem/progenitor cells by modulating SDF-1/CXCR4 signaling. Blood Advances, 2021, 5, 4380-4392.	5.2	4
86	Early Development of Neural Speech Encoding Depends on Age But Not Native Language Status: Evidence From Lexical Tone. Neurobiology of Language (Cambridge, Mass), 0, , 1-20.	3.1	4
87	Transient Increase in Intraocular Pressure during a Dose-Tapering Regime of Systemic Dexamethasone in Preterm Infants. Ophthalmology, 2008, 115, e7-e14.	5.2	3
88	Gestational age and adolescent mental health: evidence from Hong Kong's â€~Children of 1997' birth cohort. Archives of Disease in Childhood, 2015, 100, 856-862.	1.9	3
89	The Use of Somatex Shunt for Fetal Pleural Effusion: A Cohort of 8 Procedures. Fetal Diagnosis and Therapy, 2021, 48, 440-447.	1.4	3
90	Rapid Identification of Bacterial Antibiotic Resistance by qPCR in Infants with Gram-Negative Septicaemia: A Proof-of-Concept Study. Neonatology, 2017, 111, 145-152.	2.0	2

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91	DIAGNOSTIC MARKERS IN NEONATAL SEPSIS. Fetal and Maternal Medicine Review, 2007, 18, 53-65.	0.3	1
92	Follow up of aerobic capacity in children affected by severe acute respiratory syndrome. Respirology, 2012, 17, 513-518.	2.3	1
93	Vancomycin Prescribing Practices and Therapeutic Drug Monitoring for Critically Ill Neonatal and Pediatric Patients: A Survey of Physicians and Pharmacists in Hong Kong. Frontiers in Pediatrics, 2020, 8, 538298.	1.9	1
94	Biomarkers in neonatal infection. Biomarkers in Medicine, 2007, 1, 133-143.	1.4	0
95	Study of Isobaric Interference in Quantification of Citrulline by Parallel Fragmentation Monitoring. Mass Spectrometry, 2014, 3, S0030-S0030.	0.6	0
96	Gastroschisis, omphalocele or something else?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F86-F86.	2.8	0
97	Regulation of Circulating Hematopoietic Stem/Progenitor Cells in Preterm Infants with Septicemia. Stem Cells and Development, 2016, 25, 1780-1787.	2.1	0
98	Improving Consistency and Accuracy of Neonatal Amplitude-Integrated Electroencephalography. American Journal of Perinatology, 2024, 41, 330-336.	1.4	0
99	Decreased Frequency of Circulating CD34+ Hematopoietic Stem/Progenitor Cells in Preterm Infants with Late-Onset Systemic Bacterial Infection. Blood, 2014, 124, 2906-2906.	1.4	0
100	Using Electronic Health Records for Personalized Dosing of Intravenous Vancomycin in Critically III Neonates: Model and Web-Based Interface Development Study. JMIR Medical Informatics, 2022, 10, e29458.	2.6	0