

Hugh Simon Lam

List of Publications by Year in descending order

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100
papers

2,699
citations

186254

28
h-index

214788

47
g-index

108
all docs

108
docs citations

108
times ranked

3600
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-response biomarkers for diagnosis of late-onset septicemia and necrotizing enterocolitis in preterm infants. <i>Journal of Clinical Investigation</i> , 2010, 120, 2989-3000.	8.2	146
2	Diagnostic markers for neonatal sepsis. <i>Current Opinion in Pediatrics</i> , 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. <i>Neonatology</i> , 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. <i>Pediatrics</i> , 2009, 123, 1501-1508.	2.1	81
5	Biomarkers for Late-Onset Neonatal Sepsis: Cytokines and Beyond. <i>Clinics in Perinatology</i> , 2010, 37, 599-610.	2.1	81
6	Biochemical markers of neonatal sepsis. <i>Pathology</i> , 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. <i>Clinical Nutrition</i> , 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 enterocolitis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F448-F452.	2.8	73
9	High-Dose Oral Erythromycin Decreased the Incidence of Parenteral Nutrition-Associated Cholestasis in Preterm Infants. <i>Gastroenterology</i> , 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. <i>Annals of Surgery</i> , 2013, 258, 1111-1118.	4.2	72
11	Intranasal corticosteroids for mild childhood obstructive sleep apnea – a randomized, placebo-controlled study. <i>Sleep Medicine</i> , 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. <i>Environment International</i> , 2007, 33, 84-92.	10.0	69
13	The Mucosal and Serological Immune Responses to the Novel Coronavirus (SARS-CoV-2) Vaccines. <i>Frontiers in Immunology</i> , 2021, 12, 744887.	4.8	68
14	Genome-wide Expression Profiles of Necrotizing Enterocolitis Versus Spontaneous Intestinal Perforation in Human Intestinal Tissues. <i>Annals of Surgery</i> , 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. <i>PLoS ONE</i> , 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. <i>BMC Public Health</i> , 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*. <i>Critical Care Medicine</i> , 2009, 37, 2441-2447.	0.9	54
18	Renal screening in children after exposure to low dose melamine in Hong Kong: cross sectional study. <i>BMJ: British Medical Journal</i> , 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. <i>Chest</i> , 2014, 145, 1255-1263.	0.8	51
20	Immunoregulatory Protein Profiles of Necrotizing Enterocolitis versus Spontaneous Intestinal Perforation in Preterm Infants. <i>PLoS ONE</i> , 2012, 7, e36977.	2.5	51
21	Insulin and obstructive sleep apnea in obese Chinese children. <i>Pediatric Pulmonology</i> , 2006, 41, 1175-1181.	2.0	48
22	Risk of Vitamin A Toxicity From Candy-Like Chewable Vitamin Supplements for Children. <i>Pediatrics</i> , 2006, 118, 820-824.	2.1	42
23	Acute and Chronic Effects of Sleep Duration on Blood Pressure. <i>Pediatrics</i> , 2014, 133, e64-e72.	2.1	40
24	SARS-CoV-2 detection by nasal strips: A superior tool for surveillance of paediatric population. <i>Journal of Infection</i> , 2021, 82, 84-123.	3.3	36
25	Mal-Positioned Umbilical Venous Catheter Causing Liver Abscess in a Preterm Infant. <i>Neonatology</i> , 2005, 88, 54-56.	2.0	35
26	Long term neurocognitive impact of low dose prenatal methylmercury exposure in Hong Kong. <i>Environment International</i> , 2013, 54, 59-64.	10.0	34
27	Sleep duration and risk of diabetes: Observational and Mendelian randomization studies. <i>Preventive Medicine</i> , 2019, 119, 24-30.	3.4	34
28	Endothelial Function in Children With OSA and the Effects of Adenotonsillectomy. <i>Chest</i> , 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. <i>Vaccine</i> , 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. <i>Journal of Pediatrics</i> , 2019, 205, 83-90.e10.	1.8	31
31	Pneumococcal carriage in young children after introduction of PCV13 in Hong Kong. <i>Vaccine</i> , 2016, 34, 3867-3874.	3.8	30
32	Impact of fetal and childhood mercury exposure on immune status in children. <i>Environmental Research</i> , 2016, 144, 66-72.	7.5	30
33	Serum levels of heavy metals in childhood eczema and skin diseases: Friends or foes. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 831-836.	2.6	29
34	Leukotriene receptor antagonist in the treatment of childhood allergic rhinitis: a randomized placebo-controlled study. <i>Pediatric Pulmonology</i> , 2009, 44, 1085-1092.	2.0	28
35	Early Diagnosis of Intra-Abdominal Inflammation and Sepsis by Neutrophil CD64 Expression in Newborns. <i>Neonatology</i> , 2011, 99, 118-124.	2.0	28
36	Cough frequency in children with mild asthma correlates with sputum neutrophil count. <i>Thorax</i> , 2006, 61, 747-750.	5.6	27

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37	Reduced flow-mediated vasodilation of brachial artery in children with primary snoring. <i>International Journal of Cardiology</i> , 2013, 167, 2092-2096.	1.7	27
38	Neutrophil CD64 for Daily Surveillance of Systemic Infection and Necrotizing Enterocolitis in Preterm Infants. <i>Clinical Chemistry</i> , 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. <i>Neonatology</i> , 2012, 102, 145-151.	2.0	25
41	Sleep Duration and Adiposity in Children and Adults: Observational and Mendelian Randomization Studies. <i>Obesity</i> , 2019, 27, 1013-1022.	3.0	25
42	Dysregulation of miR-431 and target gene <i>FOXA1</i> in intestinal tissues of infants with necrotizing enterocolitis. <i>FASEB Journal</i> , 2019, 33, 5143-5152.	0.5	25
43	Gestational Age, Birthweight for Gestational Age, and Childhood Hospitalisations for Asthma and Other Wheezing Disorders. <i>Paediatric and Perinatal Epidemiology</i> , 2016, 30, 149-159.	1.7	24
44	Parental behaviors and sleep/wake patterns of infants and toddlers in Hong Kong, China. <i>World Journal of Pediatrics</i> , 2017, 13, 496-502.	1.8	24
45	A Prospective Longitudinal Study to Estimate the "Adjusted Cortisol Percentile" in Preterm Infants. <i>Pediatric Research</i> , 2011, 69, 511-516.	2.3	21
46	Predictors for failed dose reduction of inhaled corticosteroids in childhood asthma. <i>Respirology</i> , 2008, 13, 400-407.	2.3	20
47	Congenital Intrathoracic Stomach: Short Esophagus or Hiatal Hernia?. <i>Neonatology</i> , 2008, 93, 178-181.	2.0	19
48	Use of prokinetics in the preterm infant. <i>Current Opinion in Pediatrics</i> , 2011, 23, 156-160.	2.0	17
49	Late prematurity and adiposity in adolescents: Evidence from "Children of 1997" birth cohort. <i>Obesity</i> , 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. <i>American Heart Journal</i> , 2016, 182, 54-61.	2.7	17
51	End-of-life decision-making for newborns: a 12-year experience in Hong Kong. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, 37-42.	2.8	17
52	Vascular Endothelial Growth Factor and Ischemic Heart Disease Risk: A Mendelian Randomization Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	17
53	Age of puberty and Sleep duration: Observational and Mendelian randomization study. <i>Scientific Reports</i> , 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. <i>European Journal of Emergency Medicine</i> , 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. <i>Pathogens</i> , 2022, 11, 397.	2.8	15
56	Expression profile of cord blood neutrophils and dysregulation of HSPA1A and OLR1 upon challenge by bacterial peptidoglycan. <i>Journal of Leukocyte Biology</i> , 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. <i>European Journal of Clinical Nutrition</i> , 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. <i>Environmental Research</i> , 2018, 166, 418-426.	7.5	13
59	Recent Patents of Complementary and Alternative Medicine for Allergic Rhinitis. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2016, 9, 107-119.	3.6	13
60	Sleep architecture in school-aged children with primary snoring. <i>Sleep Medicine</i> , 2014, 15, 303-308.	1.6	12
61	Prenatal dioxin exposure and neurocognitive development in Hong Kong 11-year-old children. <i>Environmental Research</i> , 2016, 150, 205-212.	7.5	12
62	Dysregulated expression of arginine metabolic enzymes in human intestinal tissues of necrotizing enterocolitis and response of CaCO ₂ cells to bacterial components. <i>Journal of Nutritional Biochemistry</i> , 2016, 29, 64-72.	4.2	11
63	A child with SARS-CoV-2-induced croup. <i>Pediatric Pulmonology</i> , 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. <i>Clinica Chimica Acta</i> , 2013, 420, 121-127.	1.1	10
65	Are your hands clean enough for point-of-care electrolyte analysis?. <i>Pathology</i> , 2005, 37, 299-304.	0.6	9
66	Prenatal methylmercury exposure is associated with decrease heart rate variability in children. <i>Environmental Research</i> , 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. <i>Hong Kong Medical Journal</i> , 2018, 24, 460-465.	0.1	9
68	Successful Treatment of Multiple Subdural Empyemata Caused by <i>Mycoplasma hominis</i> in a Newborn. <i>Neonatology</i> , 2009, 95, 179-182.	2.0	8
69	Interrupter Respiratory Resistance in Healthy Chinese Preschool Children. <i>Chest</i> , 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. <i>Neonatology</i> , 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. <i>Environmental Research</i> , 2020, 187, 109703.	7.5	8
72	Duration of puberty in preterm girls. <i>American Journal of Human Biology</i> , 2017, 29, e22963.	1.6	7

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73	Neural Speech Encoding in Infancy Predicts Future Language and Communication Difficulties. <i>American Journal of Speech-Language Pathology</i> , 2021, 30, 2241-2250.	1.8	7
74	The miRâ€223/nuclear factor lâ€A axis regulates inflammation and cellular functions in intestinal tissues with necrotizing enterocolitis. <i>FEBS Open Bio</i> , 2021, 11, 1907-1920.	2.3	6
75	Sputum induction in children with asthma: A tertiary-center experience. <i>Pediatric Pulmonology</i> , 2006, 41, 720-725.	2.0	5
76	Attitudes of Parents and Health Care Workers to Major Surgery for High-Risk Preterm Infants. <i>Journal of Pediatrics</i> , 2016, 177, 78-83.e3.	1.8	5
77	Congenital systemic Langerhans cell histiocytosis presenting as hydrops fetalis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 1843-1847.	1.5	5
78	Fish consumption, fish atopy and related heavy metals in childhood eczema. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2012, 11, 230-5.	0.4	5
79	Renal artery thrombosis and ischaemia presenting as severe neonatal hypertension. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2007, 92, F264-F264.	2.8	4
80	Rapid diagnosis of cerebral sinovenous thrombosis complicating group B streptococcus meningitis by multidetector CT venography. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2007, 93, F304-F304.	2.8	4
81	Clinical outcomes of congenital diaphragmatic hernia without extracorporeal membrane oxygenation. <i>Early Human Development</i> , 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. <i>Cytokine</i> , 2013, 61, 499-505.	3.2	4
83	Life-Threatening Hemolytic Anemia after Intrapleural Instillation of OK-432 for Treatment of Congenital Chylothorax. <i>Neonatology</i> , 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. <i>Blood Advances</i> , 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. <i>Neurobiology of Language (Cambridge, Mass)</i> , 0, , 1-20.	3.1	4
87	Transient Increase in Intraocular Pressure during a Dose-Tapering Regime of Systemic Dexamethasone in Preterm Infants. <i>Ophthalmology</i> , 2008, 115, e7-e14.	5.2	3
88	Gestational age and adolescent mental health: evidence from Hong Kong's â€Children of 1997â€ birth cohort. <i>Archives of Disease in Childhood</i> , 2015, 100, 856-862.	1.9	3
89	The Use of Somatex Shunt for Fetal Pleural Effusion: A Cohort of 8 Procedures. <i>Fetal Diagnosis and Therapy</i> , 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. <i>Neonatology</i> , 2017, 111, 145-152.	2.0	2

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91	DIAGNOSTIC MARKERS IN NEONATAL SEPSIS. <i>Fetal and Maternal Medicine Review</i> , 2007, 18, 53-65.	0.3	1
92	Follow up of aerobic capacity in children affected by severe acute respiratory syndrome. <i>Respirology</i> , 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. <i>Frontiers in Pediatrics</i> , 2020, 8, 538298.	1.9	1
94	Biomarkers in neonatal infection. <i>Biomarkers in Medicine</i> , 2007, 1, 133-143.	1.4	0
95	Study of Isobaric Interference in Quantification of Citrulline by Parallel Fragmentation Monitoring. <i>Mass Spectrometry</i> , 2014, 3, S0030-S0030.	0.6	0
96	Gastroschisis, omphalocele or something else?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F86-F86.	2.8	0
97	Regulation of Circulating Hematopoietic Stem/Progenitor Cells in Preterm Infants with Septicemia. <i>Stem Cells and Development</i> , 2016, 25, 1780-1787.	2.1	0
98	Improving Consistency and Accuracy of Neonatal Amplitude-Integrated Electroencephalography. <i>American Journal of Perinatology</i> , 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. <i>Blood</i> , 2014, 124, 2906-2906.	1.4	0
100	Using Electronic Health Records for Personalized Dosing of Intravenous Vancomycin in Critically Ill Neonates: Model and Web-Based Interface Development Study. <i>JMIR Medical Informatics</i> , 2022, 10, e29458.	2.6	0