

Kenneth Tan

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

1,405
citations

20
h-index

36
g-index

93
ext. papers

1,755
ext. citations

5.1
avg, IF

4.49
L-index

#	Paper	IF	Citations
77	Real-Time Multi-Level Neonatal Heart and Lung Sound Quality Assessment for Telehealth Applications. <i>IEEE Access</i> , 2022 , 10, 10934-10948	3.5	1
76	Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants.. <i>Science Translational Medicine</i> , 2022 , 14, eaaz8454	17.5	1
75	A Blind Filtering Framework for Noisy Neonatal Chest Sounds. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
74	Standardized practices for RNA diagnostics using clinically accessible specimens reclassifies 75% of putative splicing variants.. <i>Genetics in Medicine</i> , 2021 ,	8.1	3
73	Protocol for assessing if behavioural functioning of infants born . <i>BMJ Open</i> , 2021 , 11, e044740	3	0
72	Toward rational management of patent ductus arteriosus: ductal disease staging and first line paracetamol. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 3940-3945	2	1
71	Using intermittent pulse oximetry to guide neonatal oxygen therapy in a low-resource context. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020 , 105, 316-321	4.7	4
70	Assessment of breath sounds at birth using digital stethoscope technology. <i>European Journal of Pediatrics</i> , 2020 , 179, 781-789	4.1	8
69	Rapid exome sequencing and adjunct RNA studies confirm the pathogenicity of a novel homozygous ASNS splicing variant in a critically ill neonate. <i>Human Mutation</i> , 2020 , 41, 1884-1891	4.7	4
68	Characterization of the pathoimmunology of necrotizing enterocolitis reveals novel therapeutic opportunities. <i>Nature Communications</i> , 2020 , 11, 5794	17.4	20
67	A nonclonal outbreak of vancomycin-sensitive bacteremia in a neonatal intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1116-1122	2	1
66	Automated oxygen delivery for preterm infants with respiratory dysfunction. <i>The Cochrane Library</i> , 2019 ,	5.2	78
65	Regional or national collaborative quality improvement initiatives in neonatology. <i>Translational Pediatrics</i> , 2019 , 8, 167-169	4.2	
64	An Application of Convolutional Neural Networks for the Early Detection of Late-onset Neonatal Sepsis 2019 ,		2
63	Epidemiology and healthcare factors associated with neonatal enterococcal infections. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019 , 104, F480-F485	4.7	3
62	Digital stethoscopes in paediatric medicine. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019 , 108, 814-822	3.1	16
61	Stopping enteral feeds for prevention of transfusion-associated necrotising enterocolitis in preterm infants. <i>The Cochrane Library</i> , 2019 , 2019,	5.2	5

60	Cardiac Function Assessments in Left Bochdalek Hernia: Clinical Relevance. <i>Pediatric Cardiology</i> , 2018 , 39, 829-836	2.1	2
59	C-reactive protein and immature-to-total neutrophil ratio have no utility in guiding lumbar puncture in suspected neonatal sepsis. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 848-854	1.3	3
58	Inpatient outcomes of preterm infants receiving Ω 3 enriched lipid emulsion (SMOFlipid): an observational study. <i>European Journal of Pediatrics</i> , 2018 , 177, 723-731	4.1	13
57	Oral Paracetamol for Patent Ductus Arteriosus Rescue Closure. <i>Pediatric Cardiology</i> , 2018 , 39, 183-190	2.1	11
56	Prediction of clinicians' treatment in preterm infants with suspected late-onset sepsis: An ML approach 2018 ,		2
55	Interstitial deletion of chromosome 1 (1p21.1p12) in an infant with congenital diaphragmatic hernia, hydrops fetalis, and interrupted aortic arch. <i>Clinical Case Reports (discontinued)</i> , 2017 , 5, 164-169 ^{0.7}		2
54	Heated and humidified inspired gas through heated humidifiers in comparison to non-heated and non-humidified gas in hospitalised neonates receiving respiratory support. <i>The Cochrane Library</i> , 2017 ,	5.2	78
53	Docosahexaenoic Acid and Bronchopulmonary Dysplasia in Preterm Infants. <i>New England Journal of Medicine</i> , 2017 , 376, 1245-1255	59.2	87
52	A quality improvement initiative to reduce central line infection in neonates using checklists. <i>European Journal of Pediatrics</i> , 2017 , 176, 639-646	4.1	18
51	Stopping feeds for prevention of transfusion-associated necrotising enterocolitis in preterm infants. <i>The Cochrane Library</i> , 2017 ,	5.2	78
50	Skin antisepsis for reducing central venous catheter-related infections. <i>The Cochrane Library</i> , 2016 , 7, CD010140	5.2	20
49	Nitric therapy in preterm infants: rationalised approach based on functional neonatal echocardiography. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016 , 105, 165-71	3.1	7
48	Systemic arterial stiffness in infants with bronchopulmonary dysplasia: potential cause of systemic hypertension. <i>Journal of Perinatology</i> , 2016 , 36, 564-9	3.1	27
47	Outcomes of Two Trials of Oxygen-Saturation Targets in Preterm Infants. <i>New England Journal of Medicine</i> , 2016 , 374, 749-60	59.2	129
46	Transjugular retrieval of a knotted peripherally inserted central venous catheter (Epicutaneo-Cava catheter) in a neonate. <i>BJR/case Reports</i> , 2016 , 2, 20150327	0.7	1
45	Co-bedding in neonatal nursery for promoting growth and neurodevelopment in stable preterm twins. <i>The Cochrane Library</i> , 2016 , 4, CD008313	5.2	2
44	Antimicrobial dressings for the prevention of catheter-related infections in newborn infants with central venous catheters. <i>The Cochrane Library</i> , 2016 , 3, CD011082	5.2	11
43	Dexmedetomidine for analgesia and sedation in newborn infants receiving mechanical ventilation. <i>The Cochrane Library</i> , 2016 ,	5.2	7

42	A new look at bronchopulmonary dysplasia: postcapillary pathophysiology and cardiac dysfunction. <i>Pulmonary Circulation</i> , 2016 , 6, 508-515	2.7	20
41	Neonatal Outcomes of Very Low Birth Weight and Very Preterm Neonates: An International Comparison. <i>Journal of Pediatrics</i> , 2016 , 177, 144-152.e6	3.6	114
40	Clearance of infant vancomycin-resistant <i>Enterococcus faecium</i> carriage after a neonatal inpatient outbreak. <i>American Journal of Infection Control</i> , 2016 , 44, 1172-1173	3.8	1
39	Right Ventricular Function in Infants with Bronchopulmonary Dysplasia: Association with Respiratory Sequelae. <i>Neonatology</i> , 2016 , 109, 289-96	4	24
38	Phototherapy in transport for neonates with unconjugated hyperbilirubinaemia. <i>Journal of Paediatrics and Child Health</i> , 2016 , 52, 67-71	1.3	10
37	Sildenafil therapy in bronchopulmonary dysplasia-associated pulmonary hypertension: a retrospective study of efficacy and safety. <i>European Journal of Pediatrics</i> , 2015 , 174, 1109-15	4.1	36
36	Indomethacin vs ibuprofen: comparison of efficacy in the setting of conservative therapeutic approach. <i>European Journal of Pediatrics</i> , 2015 , 174, 615-20	4.1	8
35	Prevention of central venous catheter-related infection in the neonatal unit: a literature review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 1224-30	2	16
34	Antibiotic lock for the prevention of catheter-related infection in neonates. <i>The Cochrane Library</i> , 2015 , CD010336	5.2	20
33	Outbreak of vanB vancomycin-resistant <i>Enterococcus faecium</i> colonization in a neonatal service. <i>American Journal of Infection Control</i> , 2015 , 43, 1061-5	3.8	27
32	A randomised crossover trial of clinical algorithm for oxygen saturation targeting in preterm infants with frequent desaturation episodes. <i>Neonatology</i> , 2015 , 107, 130-6	4	16
31	Cardiac function and its evolution with pulmonary vasodilator therapy: a myocardial deformation study. <i>Echocardiography</i> , 2014 , 31, E185-8	1.5	4
30	PO-0766 Exploring A Physiological Definition For Bronchopulmonary Dysplasia. <i>Archives of Disease in Childhood</i> , 2014 , 99, A506.1-A506	2.2	
29	Antimicrobial dressings for the prevention of catheter-related infections in newborn infants with central venous catheters 2014 ,		1
28	PO-0767 Overnight Pulse Oximetry Studies For Preterm Infants With Chronic Neonatal Lung Disease An Audit From A Level Iii Nicu. <i>Archives of Disease in Childhood</i> , 2014 , 99, A506.2-A506	2.2	
27	A survey of central venous catheter practices in Australian and New Zealand tertiary neonatal units. <i>Australian Critical Care</i> , 2014 , 27, 36-42	2.9	21
26	Vasopressin as an adjunct therapy for pulmonary hypertension: a case report. <i>European Journal of Pediatrics</i> , 2014 , 173, 1651-4	4.1	10
25	Antibiotic lock for the prevention of catheter-related sepsis in neonates 2013 ,		2

24	Skin antiseptics during catheter insertion for reducing central venous catheter related infections 2012 ,		3
23	Telemedicine for the support of parents of high-risk newborn infants. <i>The Cochrane Library</i> , 2012 , CD006818		9
22	Surfactant for bacterial pneumonia in late preterm and term infants. <i>The Cochrane Library</i> , 2012 , CD008155		16
21	1776 Response Thresholds to Pulse Oximetry Alarms in the NICU - An Observational Study. <i>Archives of Disease in Childhood</i> , 2012 , 97, A502-A502	2.2	
20	284 Opiate Administration to Preterm Infants - A Risk Factor for Necrotising Enterocolitis?. <i>Archives of Disease in Childhood</i> , 2012 , 97, A83-A83	2.2	
19	Co-bedding in neonatal nursery for promoting growth and neurodevelopment in stable preterm twins. <i>Cochrane Database of Systematic Reviews</i> , 2012 , 12, CD008313		5
18	Spectral Doppler waveforms in systemic arteries and physiological significance of a patent ductus arteriosus. <i>Journal of Perinatology</i> , 2011 , 31, 150-6	3.1	18
17	An outbreak of necrotizing enterocolitis associated with norovirus genotype GII.3. <i>Pediatric Infectious Disease Journal</i> , 2010 , 29, 644-7	3.4	58
16	1187 Outcome of Preterm Infants with Necrotising Enterocolitis or Spontaneous Intestinal Perforation Requiring Laparotomy From a Level Iii Nicu. <i>Pediatric Research</i> , 2010 , 68, 587-587	3.2	
15	Knowledge elicitation for validation of a neonatal ventilation expert system utilising modified Delphi and focus group techniques. <i>International Journal of Human Computer Studies</i> , 2010 , 68, 344-354	4.6	8
14	Dry lung syndrome: a distinct clinical entity. <i>Indian Journal of Pediatrics</i> , 2010 , 77, 1029-31	3	2
13	Neonatal heart rate prediction. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 4695-8	0.9	0
12	Predicting the length of stay for neonates using heart-rate Markov models. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2912-5	0.9	1
11	Comparison of singleton and multiple-birth outcomes of infants born at or before 32 weeks of gestation. <i>Obstetrics and Gynecology</i> , 2008 , 111, 365-71	4.9	23
10	Telemedicine for the support of parents of high risk newborn infants 2007 ,		3
9	Increased energy intake for preterm infants with (or developing) bronchopulmonary dysplasia/ chronic lung disease. <i>The Cochrane Library</i> , 2006 , CD005093	5.2	18
8	Point-of-care testing of neonatal coagulation. <i>International Journal of Laboratory Hematology</i> , 2006 , 28, 117-21		6
7	Clinical decision support systems for neonatal care. <i>The Cochrane Library</i> , 2005 , CD004211	5.2	19

6	Using cognitive task analysis to facilitate the integration of decision support systems into the neonatal intensive care unit. <i>Artificial Intelligence in Medicine</i> , 2005 , 35, 243-57	7.4	40
5	A mathematical model of CO2 variation in the ventilated neonate. <i>Physiological Measurement</i> , 2003 , 24, 703-15	2.9	0
4	Alcaligenes infection in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2002 , 34, 101-4	3.5	62
3	Blastocystis hominis: evidence for caspase-3-like activity in cells undergoing programmed cell death. <i>Parasitology Research</i> , 2001 , 87, 559-65	2.4	22
2	Nasal and exhaled nitric oxide in response to occupational latex exposure. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001 , 56, 627-32	9.3	15
1	Development of the nuclei and cell migration in the medulla oblongata. Application of the quail-chick chimera system. <i>Anatomy and Embryology</i> , 1991 , 183, 321-43		100