

Tai-Wei Wu

List of Publications by Year in descending order

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34
papers

719
citations

567281

15
h-index

552781

26
g-index

34
all docs

34
docs citations

34
times ranked

936
citing authors

#	ARTICLE	IF	CITATIONS
1	Transitional Hemodynamics in Preterm Neonates: Clinical Relevance. <i>Pediatrics and Neonatology</i> , 2016, 57, 7-18.	0.9	131
2	The Utility of Serum Hepcidin as a Biomarker for Late-Onset Neonatal Sepsis. <i>Journal of Pediatrics</i> , 2013, 162, 67-71.	1.8	61
3	The effects of therapeutic hypothermia on cerebral metabolism in neonates with hypoxic-ischemic encephalopathy: An in vivo ¹ H-MR spectroscopy study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1075-1086.	4.3	52
4	Incidence and outcomes of acute kidney injury in extremely-low-birth-weight infants. <i>PLoS ONE</i> , 2017, 12, e0187764.	2.5	51
5	Hemodynamic reference for neonates of different age and weight: a pilot study with electrical cardiometry. <i>Journal of Perinatology</i> , 2016, 36, 481-485.	2.0	39
6	MRI detection of brown adipose tissue with low fat content in newborns with hypothermia. <i>Magnetic Resonance Imaging</i> , 2014, 32, 107-117.	1.8	37
7	Cerebral Lactate Concentration in Neonatal Hypoxic-Ischemic Encephalopathy: In Relation to Time, Characteristic of Injury, and Serum Lactate Concentration. <i>Frontiers in Neurology</i> , 2018, 9, 293.	2.4	32
8	Hemodynamic Changes During Rewarming Phase of Whole-Body Hypothermia Therapy in Neonates with Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2018, 197, 68-74.e2.	1.8	30
9	Brain Temperature in Neonates with Hypoxic-Ischemic Encephalopathy during Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2014, 165, 1129-1134.	1.8	25
10	pH Effects on Cardiac Function and Systemic Vascular Resistance in Preterm Infants. <i>Journal of Pediatrics</i> , 2013, 162, 958-963.e1.	1.8	24
11	Electrical Cardiometry to Monitor Cardiac Output in Preterm Infants with Patent Ductus Arteriosus: A Comparison with Echocardiography. <i>Neonatology</i> , 2017, 112, 231-237.	2.0	24
12	Predictive Models of Neurodevelopmental Outcomes After Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2021, 147, .	2.1	24
13	Maintenance of whole-body therapeutic hypothermia during patient transport and magnetic resonance imaging. <i>Pediatric Radiology</i> , 2014, 44, 613-617.	2.0	22
14	Arterial spin-labeling perfusion imaging of children with subdural hemorrhage: Perfusion abnormalities in abusive head trauma. <i>Journal of Neuroradiology</i> , 2017, 44, 281-287.	1.1	20
15	Acute and Chronic Placental Abnormalities in a Multicenter Cohort of Newborn Infants with Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2021, 237, 190-196.	1.8	19
16	Changes in cardiac output and cerebral oxygenation during prone and supine sleep positioning in healthy term infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F483-F489.	2.8	18
17	Utilization of Therapeutic Hypothermia and Neurological Injury in Neonates with Mild Hypoxic-Ischemic Encephalopathy: A Report from Children's Hospital Neonatal Consortium. <i>American Journal of Perinatology</i> , 2022, 39, 319-328.	1.4	13
18	Mild hypoxic-ischemic encephalopathy (HIE): timing and pattern of MRI brain injury. <i>Pediatric Research</i> , 2022, 92, 1731-1736.	2.3	12

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19	Risk factors for complications of percutaneous ultrasound-guided renal biopsy in children. <i>Pediatric Nephrology</i> , 2020, 35, 271-278.	1.7	10
20	Arterial spin-labeling magnetic resonance imaging of brain maturation in early childhood: Mathematical model fitting to assess age-dependent change of cerebral blood flow. <i>Magnetic Resonance Imaging</i> , 2019, 59, 114-120.	1.8	9
21	Autosomal Recessive Renal Tubular Dysgenesis Caused by a Founder Mutation of Angiotensinogen. <i>Kidney International Reports</i> , 2020, 5, 2042-2051.	0.8	9
22	Recognition and management of neonatal hemodynamic compromise. <i>Pediatrics and Neonatology</i> , 2021, 62, S22-S29.	0.9	9
23	Whole-exome sequencing detects mutations in pediatric patients with atypical hemolytic uremic syndrome in Taiwan. <i>Clinica Chimica Acta</i> , 2019, 494, 143-150.	1.1	8
24	Unilateral renal artery stenosis presented with hyponatremic-hypertensive syndrome – case report and literature review. <i>BMC Nephrology</i> , 2019, 20, 64.	1.8	8
25	Neonates with mild hypoxic-ischaemic encephalopathy receiving supportive care versus therapeutic hypothermia in California. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, , fetalneonatal-2021-322250.	2.8	7
26	Baseline cardiac output and its alterations during ibuprofen treatment for patent ductus arteriosus in preterm infants. <i>BMC Pediatrics</i> , 2019, 19, 179.	1.7	6
27	Clinical features, genetic background, and outcome in infants with urinary tract infection and type IV renal tubular acidosis. <i>Pediatric Research</i> , 2020, 87, 1251-1255.	2.3	6
28	In-Home Kicking-Activated Mobile Task to Motivate Selective Motor Control of Infants at High Risk of Cerebral Palsy: A Feasibility Study. <i>Physical Therapy</i> , 2020, 100, 2217-2226.	2.4	5
29	An In-Vivo Assessment of Regional Brain Temperature during Whole-Body Cooling for Neonatal Encephalopathy. <i>Journal of Pediatrics</i> , 2020, 220, 73-79.e3.	1.8	3
30	Opioid exposure during therapeutic hypothermia and short-term outcomes in neonatal encephalopathy. <i>Journal of Perinatology</i> , 2022, 42, 1017-1025.	2.0	3
31	Effect of Hydrocortisone on Angiotensinogen (AGT) Mutation – Causing Autosomal Recessive Renal Tubular Dysgenesis. <i>Cells</i> , 2021, 10, 782.	4.1	1
32	Effects of Tissue Temperature and Injury on ADC during Therapeutic Hypothermia in Newborn Hypoxic-Ischemic Encephalopathy. <i>American Journal of Neuroradiology</i> , 2022, , .	2.4	1
33	Transitional Hemodynamics and Pathophysiology of Peri/Intraventricular Hemorrhage. , 2019, , 95-109.		0
34	Motivating Selective Motor Control of Infants at High Risk of Cerebral Palsy Using an In-Home Kicking-Activated Mobile Task: A Pilot Study. <i>Physical Therapy</i> , 2022, 102, .	2.4	0