Flora Y Wong

List of Publications by Year in descending order

46 papers	1,458 citations	393982 19 h-index	329751 37 g-index
47 all docs	47 docs citations	47 times ranked	1757 citing authors

#	Article	IF	Citations
1	Impaired Autoregulation in Preterm Infants Identified by Using Spatially Resolved Spectroscopy. Pediatrics, 2008, 121, e604-e611.	1.0	239
2	Efficacy and safety of cyclic pyranopterin monophosphate substitution in severe molybdenum cofactor deficiency type A: a prospective cohort study. Lancet, The, 2015, 386, 1955-1963.	6.3	122
3	Intrauterine growth restriction: impact on cardiovascular development and function throughout infancy. Pediatric Research, 2016, 79, 821-830.	1.1	100
4	Cerebral vascular regulation and brain injury in preterm infants. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R773-R786.	0.9	78
5	Preterm white matter brain injury is prevented by early administration of umbilical cord blood cells. Experimental Neurology, 2016, 283, 179-187.	2.0	71
6	Cerebral Oxygenation Is Depressed During Sleep in Healthy Term Infants When They Sleep Prone. Pediatrics, 2011, 127, e558-e565.	1.0	67
7	The development of cardiovascular and cerebral vascular control in preterm infants. Sleep Medicine Reviews, 2014, 18, 299-310.	3.8	66
8	Measuring cerebrovascular autoregulation in preterm infants using near-infrared spectroscopy: an overview of the literature. Expert Review of Neurotherapeutics, 2017, 17, 801-818.	1.4	63
9	Cerebral Oxygenation Is Highly Sensitive to Blood Pressure Variability in Sick Preterm Infants. PLoS ONE, 2012, 7, e43165.	1.1	62
10	Cerebral Arterial and Venous Contributions to Tissue Oxygenation Index Measured Using Spatially Resolved Spectroscopy in Newborn Lambs. Anesthesiology, 2010, 113, 1385-1391.	1.3	45
11	Systemic and transdermal melatonin administration prevents neuropathology in response to perinatal asphyxia in newborn lambs. Journal of Pineal Research, 2018, 64, e12479.	3.4	43
12	Cerebral Oxygenation in Preterm Infants. Pediatrics, 2014, 134, 435-445.	1.0	42
13	Postnatal nutritional deficit is an independent predictor of bronchopulmonary dysplasia among extremely premature infants born at or less than 28â€¯weeks gestation. Early Human Development, 2019, 131, 29-35.	0.8	41
14	The longitudinal effects of persistent periodic breathing on cerebral oxygenation in preterm infants. Sleep Medicine, 2015, 16, 729-735.	0.8	37
15	Fatal Perinatal Mitochondrial Cardiac Failure Caused by Recurrent De Novo Duplications in the ATAD3 Locus. Med, 2021, 2, 49-73.e10.	2.2	33
16	Dopamine therapy promotes cerebral flow-metabolism coupling in preterm infants. Intensive Care Medicine, 2009, 35, 1777-1782.	3.9	32
17	Gestational Age at Birth Affects Maturation of Baroreflex Control. Journal of Pediatrics, 2015, 166, 559-565.	0.9	28
18	The effects of dummy/pacifier use on infant blood pressure and autonomic activity during sleep. Sleep Medicine, 2014, 15, 1508-1516.	0.8	27

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19	Protective Ventilation of Preterm Lambs Exposed to Acute Chorioamnionitis Does Not Reduce Ventilation-Induced Lung or Brain Injury. PLoS ONE, 2014, 9, e112402.	1.1	25
20	Comparison of the longitudinal effects of persistent periodic breathing and apnoea on cerebral oxygenation in termâ€•and pretermâ€born infants. Journal of Physiology, 2018, 596, 6021-6031.	1.3	22
21	Discrimination of sleep states using continuous cerebral bedside monitoring (amplitudeâ€integrated) Tj ETQq1 1 0.784314 rgBT /Ove Journal of Paediatrics, 2016, 105, e582-e587.	0.7	16
22	EEG power spectrum maturation in preterm fetal growth restricted infants. Brain Research, 2018, 1678, 180-186.	1.1	16
23	Effects of foetal growth restriction and preterm birth on cardiac morphology and function during infancy. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 450-455.	0.7	16
24	Effects of Prone Sleeping on Cerebral Oxygenation in Preterm Infants. Journal of Pediatrics, 2019, 204, 103-110.e1.	0.9	16
25	Dummy/pacifier use in preterm infants increases blood pressure and improves heart rate control. Pediatric Research, 2016, 79, 325-332.	1.1	14
26	Induction of left ventricular hypoplasia by occluding the foramen ovale in the fetal lamb. Scientific Reports, 2020, 10, 880.	1.6	14
27	Burden of hypoxia and intraventricular haemorrhage in extremely preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 242-247.	1.4	13
28	Bradycardias are associated with more severe effects on cerebral oxygenation in very preterm infants than in late preterm infants. Early Human Development, 2018, 127, 33-41.	0.8	12
29	Preterm lambs given intravenous dopamine show increased dopamine in their cerebrospinal fluid. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 337-342.	0.7	11
30	A percutaneous fetal cardiac catheterization technique for pulmonary valvuloplasty and valvulotomy in a mid-gestation lamb model. Prenatal Diagnosis, 2015, 35, 74-80.	1.1	11
31	When does prone sleeping improve cardiorespiratory status in preterm infants in the NICU?. Sleep, 2020, 43, .	0.6	11
32	Power spectral analysis of two-channel EEG in hypoxicâ€“ischaemic encephalopathy. Early Human Development, 2007, 83, 379-383.	0.8	9
33	Prone sleeping position in infancy: Implications for cardiovascular and cerebrovascular function. Sleep Medicine Reviews, 2018, 39, 174-186.	3.8	9
34	Melatonin augments the neuroprotective effects of hypothermia in lambs following perinatal asphyxia. Journal of Pineal Research, 2021, 71, e12744.	3.4	9
35	Percutaneous Fetal Cardiac Catheterization Technique for Stenting the Foramen Ovale in a Midgestation Lamb Model. Circulation: Cardiovascular Interventions, 2015, 8, e001967.	1.4	8
36	Procedural training opportunities for basic pediatric trainees during a 6-month rotation in a level III perinatal centre in Australia. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2428-2431.	0.7	4

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37	Dobutamine treatment reduces inflammation in the preterm fetal sheep brain exposed to acute hypoxia. Pediatric Research, 2018, 84, 442-450.	1.1	4
38	Evaluation of 3K3A-Activated Protein C to Treat Neonatal Hypoxic Ischemic Brain Injury in the Spiny Mouse. Neurotherapeutics, 2019, 16, 231-243.	2.1	4
39	Prone sleeping affects cardiovascular control in preterm infants in NICU. Pediatric Research, 2021, 90, 197-204.	1.1	4
40	Cerebral haemodynamic response to somatosensory stimulation in neonatal lambs. Journal of Physiology, 2017, 595, 6007-6021.	1.3	3
41	The cerebral haemodynamic response to somatosensory stimulation in preterm newborn lambs is reduced with dopamine or dobutamine infusion. Experimental Neurology, 2021, 341, 113687.	2.0	3
42	Axillary artery access for stenting of aortic coarctation in a 1.2 kg premature newborn with malignant systemic hypertension: a case report. European Heart Journal - Case Reports, 2021, 5, ytaa554.	0.3	3
43	The Cerebral Hemodynamic Response to Pain in Preterm Infants With Fetal Growth Restriction. Frontiers in Pediatrics, 2020, 8, 268.	0.9	2
44	Surveillance Practice for Sonographic Detection of Intracranial Abnormalities in Premature Neonates: A Snapshot of Current Neonatal Cranial Ultrasound Practice in Australia. Ultrasound in Medicine and Biology, 2020, 46, 2303-2310.	0.7	1
45	The cerebral haemodynamic response to somatosensory stimulation in preterm newborn lambs is reduced following intrauterine inflammation and dopamine infusion. Experimental Neurology, 2022, 352, 114049.	2.0	1
46	Less severe but prolonged inflammation causes very disabling preterm brain injury in the long run. Brain, Behavior, and Immunity, 2021, 93, 14-15.	2.0	0