## Patrick J Mcnamara

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1268229/publications.pdf

Version: 2024-02-01

250 papers 8,784 citations

47409 49 h-index 82 g-index

256 all docs

256 docs citations

256 times ranked 5355 citing authors

#	Article	IF	CITATIONS
1	Rectal Acetaminophen Improves Shunt Volume and Reduces Patent Ductus Arteriosus Ligation in Extremely Preterm Infants. American Journal of Perinatology, 2023, 40, 1223-1231.	0.6	2
2	Vasopressin for refractory persistent pulmonary hypertension of the newborn in preterm neonates – a case series. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 1475-1483.	0.7	16
3	Neurodevelopmental outcome following hypoxic ischaemic encephalopathy and therapeutic hypothermia is related to right ventricular performance at 24-hour postnatal age. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 70-75.	1.4	7
4	Creation of Neonatal Hemodynamics Research Center: building capacity for echocardiography-based science in neonatology. Pediatric Research, 2022, 91, 1306-1307.	1.1	1
5	Going Home with a Patent Ductus Arteriosus: Is it Benign?. Journal of Pediatrics, 2022, 240, 10-13.	0.9	3
6	Cardiorespiratory management of infants born at 22 weeks' gestation: The Iowa approach. Seminars in Perinatology, 2022, 46, 151545.	1.1	9
7	Use of 2.0-mm endotracheal tubes for periviable infants. Journal of Perinatology, 2022, , .	0.9	1
8	Methodological rigor in both targeted neonatal echocardiography training and study design are essential to understanding the impact of ultrasound on neonatal pain. Journal of Neonatal-Perinatal Medicine, 2022, 15, 7-9.	0.4	0
9	Care of the critically ill neonate with hypoxemic respiratory failure and acute pulmonary hypertension: framework for practice based on consensus opinion of neonatal hemodynamics working group. Journal of Perinatology, 2022, 42, 3-13.	0.9	11
10	Training pathways and careers for neonatologists interested in cardiovascular care. Journal of Perinatology, 2022, 42, 534-539.	0.9	2
11	Survey highlighting the lack of consensus on diagnosis and treatment of patent ductus arteriosus in prematurity. European Journal of Pediatrics, 2022, 181, 2459-2468.	1.3	12
12	A practical approach toward interpretation of amplitude integrated electroencephalography in preterm infants. European Journal of Pediatrics, 2022, 181, 2187-2200.	1.3	6
13	Lung ultrasound score parallels trends in systemic haemodynamics after PDA ligation: a case series. European Journal of Pediatrics, 2022, 181, 2541-2546.	1.3	5
14	Dopamine and Neonatal Pulmonary Hypertensionâ€"Pressing Need for a Better Pressor?. Journal of Pediatrics, 2022, 246, 242-250.	0.9	13
15	Educational Impact of Targeted Neonatal Echocardiography (TNE) and Hemodynamics Programs on Neonatal-Perinatal Medicine (NPM) Fellows. American Journal of Perinatology, 2022, 0, .	0.6	0
16	Feasibility, Safety, and Shortâ€Term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on Highâ€Frequency Jet Ventilation. Journal of the American Heart Association, 2022, 11, e025343.	1.6	5
17	Subclinical Left Ventricular Systolic Dysfunction due to Coronary Arterial Thrombosis in a Neonate with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia. Case, 2022, , .	0.1	O
18	Hemodynamic consequences of respiratory interventions in preterm infants. Journal of Perinatology, 2022, 42, 1153-1160.	0.9	5

#	Article	IF	CITATIONS
19	Impact of patent ductus arteriosus shunt size and duration on risk of death or severe respiratory morbidity in preterm infants born in China. European Journal of Pediatrics, 2022, 181, 3131-3140.	1.3	3
20	Relationship of Patent Ductus Arteriosus Echocardiographic Markers With Descending Aorta Diastolic Flow. Journal of Ultrasound in Medicine, 2021, 40, 1505-1514.	0.8	6
21	Clinical validity of systemic arterial steal among extremely preterm infants with persistent patent ductus arteriosus. Journal of Perinatology, 2021, 41, 84-92.	0.9	6
22	A Pilot Randomized Controlled Trial of Early Targeted Patent Ductus Arteriosus Treatment Using a Risk Based Severity Score (The PDA RCT). Journal of Pediatrics, 2021, 229, 127-133.	0.9	36
23	The impact preload on left ventricular three-plane deformation measurements in extremely premature infants. Early Human Development, 2021, 153, 105291.	0.8	2
24	Early Role of the Atrial-Level Communication in Premature Infants with Patent Ductus Arteriosus. Journal of the American Society of Echocardiography, 2021, 34, 423-432.e1.	1.2	22
25	Short and longâ€term outcomes of chronic pulmonary hypertension in preterm infants managed using a standardized algorithm. Pediatric Pulmonology, 2021, 56, 1155-1164.	1.0	5
26	Percutaneous Closure of Patent Ductus Arteriosus in Infants 1.5Âkg or Less: A Meta-Analysis. Journal of Pediatrics, 2021, 230, 84-92.e14.	0.9	32
27	Use of vasopressin in neonatal hypertrophic obstructive cardiomyopathy: case series. Journal of Perinatology, 2021, 41, 126-133.	0.9	8
28	Precision in Cardiovascular Care Using Targeted Neonatal Echocardiography in Lethal Neonatal Disseminated Herpes Infection. Pediatric Infectious Disease Journal, 2021, 40, 566-570.	1.1	0
29	Impact of Acute and Chronic Hypoxia-Ischemia on the Transitional Circulation. Pediatrics, 2021, 147, .	1.0	9
30	Anatomic Concordance of Neonatologist-Performed Echocardiography as Part of Hemodynamics Consultation and Pediatric Cardiology. Journal of the American Society of Echocardiography, 2021, 34, 301-307.	1.2	15
31	Patent ductus arteriosus shunt volume in preterm neonates using pulmonary vein diastolic velocity. Pediatric Research, 2021, , .	1.1	0
32	Towards use of POCUS to evaluate hemodynamics in critically ill neonates: caution before adoption in this population. Critical Care, 2021, 25, 92.	2.5	2
33	Patent ductus arteriosus shunt elimination results in a reduction in adverse outcomes: a post hoc analysis of the PDA RCT cohort. Journal of Perinatology, 2021, 41, 1134-1141.	0.9	17
34	Multicentre prospective observational study exploring the predictive value of functional echocardiographic indices for early identification of preterm neonates at risk of developing chronic pulmonary hypertension secondary to chronic neonatal lung disease. BMJ Open, 2021, 11, e044924.	0.8	4
35	Hemodynamic response to milrinone for refractory hypoxemia during therapeutic hypothermia for neonatal hypoxic ischemic encephalopathy. Journal of Perinatology, 2021, 41, 2345-2354.	0.9	15
36	Cardiovascular Pharmacological Support Among Preterm Infants in Chinese Referral Center Neonatal Intensive Care Units. Frontiers in Pediatrics, 2021, 9, 638540.	0.9	2

#	Article	IF	Citations
37	Toward a Rational Approach to Patent Ductus Arteriosus Trials: Selecting the Population of Interest. Journal of Pediatrics, 2021, 233, 11-13.	0.9	9
38	An Immature Science: Intensive Care for Infants Born at â‰23ÂWeeks ofÂGestation. Journal of Pediatrics, 2021, 233, 16-25.e1.	0.9	47
39	Assessment of superior vena cava flow and cardiac output in different patterns of patent ductus arteriosus shunt. Echocardiography, 2021, 38, 1524-1533.	0.3	7
40	Safety, Feasibility, and Impact of Enalapril on Cardiorespiratory Physiology and Health in Preterm Infants with Systemic Hypertension and Left Ventricular Diastolic Dysfunction. Journal of Clinical Medicine, 2021, 10, 4519.	1.0	6
41	Association of hemoglobin and spontaneous closure of the ductus arteriosus during the transitional period in very low birth weight infants. Journal of Neonatal-Perinatal Medicine, 2021, 14, 493-502.	0.4	2
42	Towards optimization of cardiovascular stability in neonates with hypertrophic cardiomyopathy: uniqueness of the neonatal cardiovascular system. Journal of Perinatology, 2021, 41, 907-908.	0.9	1
43	Clinical and echocardiography predictors of response to inhaled nitric oxide in hypoxemic term and nearâ€term neonates. Pediatric Pulmonology, 2021, 56, 982-991.	1.0	6
44	Targeted neonatal echocardiography-guided therapy pre-embolisation for congenital hepatic vascular malformation: inhaled nitric oxide to prevent paradoxical embolisation to the systemic circulation. Cardiology in the Young, 2021, 31, 308-311.	0.4	1
45	Cardiovascular management following hypoxic–ischemic encephalopathy in North America: need for physiologic consideration. Pediatric Research, 2021, 90, 600-607.	1.1	14
46	4 Educational Impact of Targeted Neonatal Echocardiography (TNE) on Neonatal-Perinatal Medicine (NPM) Subspecialty Residents. Paediatrics and Child Health, 2021, 26, e1-e2.	0.3	0
47	Reply to correspondence. Journal of Perinatology, 2021, , .	0.9	0
48	Cardiac Function and Ventricular Interactions in Persistent Pulmonary Hypertension of the Newborn. Pediatric Critical Care Medicine, 2021, 22, e145-e157.	0.2	8
49	Shortâ€term ventriculoâ€arterial coupling and myocardial work efficiency in preterm infants undergoing percutaneous patent ductus arteriosus closure. Physiological Reports, 2021, 9, e15108.	0.7	9
50	Implementation of amplitude-integrated electroencephalography in tertiary Canadian Neonatal Intensive Care Unitsâ€"a longitudinal study. Paediatrics and Child Health, 2020, 25, 511-517.	0.3	2
51	Risk Assessment and Monitoring of Chronic Pulmonary Hypertension in Premature Infants. Journal of Pediatrics, 2020, 217, 199-209.e4.	0.9	36
52	Acetaminophen increases pulmonary and systemic vasomotor tone in the newborn rat. Pediatric Research, 2020, 87, 1171-1176.	1.1	9
53	Adult Cardiovascular Health Risk and Cardiovascular Phenotypes of Prematurity. Journal of Pediatrics, 2020, 227, 17-30.	0.9	21
54	Survey of practices in relation to chronic pulmonary hypertension in neonates in the Canadian Neonatal Network and the National Institute of Child Health and Human Development Neonatal Research Network. Pulmonary Circulation, 2020, 10, 1-9.	0.8	4

#	Article	IF	Citations
55	Precision medicine in neonatal hemodynamics: need for prioritization of mechanism of illness and defining population of interest. Journal of Perinatology, 2020, 40, 1446-1449.	0.9	3
56	Growth of Neonatal Hemodynamics Programs and Targeted Neonatal Echocardiography Performed by Neonatologists. Journal of the American Society of Echocardiography, 2020, 33, A15-A16.	1.2	3
57	Management of chronic pulmonary hypertension in neonates with bronchopulmonary dysplasia: perspectives of neonatologists with hemodynamic expertise and pediatric cardiologists. Journal of Perinatology, 2020, 40, 1726-1728.	0.9	4
58	Combined Multimodal Cerebral Monitoring and Focused Hemodynamic Assessment in the First 72 h in Extremely Low Gestational Age Infants. Neonatology, 2020, 117, 504-512.	0.9	10
59	Impact of the Vulnerable Preterm Heart and Circulation on Adult Cardiovascular Disease Risk. Hypertension, 2020, 76, 1028-1037.	1.3	54
60	The changing landscape of SARS-CoV-2: Implications for the maternal-infant dyad. Journal of Neonatal-Perinatal Medicine, 2020, 13, 293-305.	0.4	4
61	The Left Heart, Systemic Circulation, and Bronchopulmonary Dysplasia: Relevance to Pathophysiology and Therapeutics. Journal of Pediatrics, 2020, 225, 13-22.e2.	0.9	20
62	Patent ductus arteriosus and cerebral, cardiac, and gut hemodynamics in premature neonates. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101120.	1.1	10
63	Patent Ductus Arteriosus—Time for a Definitive Trial. Clinics in Perinatology, 2020, 47, 617-639.	0.8	27
64	Effect of Phenobarbitone on Amplitude-Integrated Electroencephalography in Neonates with Hypoxic-Ischemic Encephalopathy during Hypothermia. Neonatology, 2020, 117, 721-728.	0.9	4
65	Early targeted patent ductus arteriosus treatment in premature neonates using a risk based severity score: study protocol for a randomised controlled trial (PDA RCT). HRB Open Research, 2020, 3, 87.	0.3	2
66	Clinical and echocardiography predictors of response to inhaled nitric oxide in hypoxic preterm neonates. Journal of Paediatrics and Child Health, 2019, 55, 753-761.	0.4	18
67	Accuracy and reliability of qualitative echocardiography assessment of right ventricular size and function in neonates. Echocardiography, 2019, 36, 1346-1352.	0.3	30
68	Percutaneous Closure of the Patent Ductus Arteriosus in Very Low Weight Infants: Considerations Following US Food and Drug Administration Approval of a Novel Device. Journal of Pediatrics, 2019, 213, 218-221.	0.9	17
69	Impaired Right Ventricular Performance Is Associated with Adverse Outcome after Hypoxic Ischemic Encephalopathy. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1294-1305.	2.5	42
70	Predictors of Early Extubation after Patent Ductus Arteriosus Ligation among Infants Born Extremely Preterm Dependent on Mechanical Ventilation. Journal of Pediatrics, 2019, 214, 222-226.e3.	0.9	3
71	Echocardiographic Assessment of Right Ventricular Afterload in Preterm Infants: Maturational Patterns of Pulmonary Artery Acceleration Time Over the First Year of Age and Implications for Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2019, 32, 884-894.e4.	1.2	49
72	Reply to: Methodological considerations in accuracy and reliability of qualitative echocardiography assessment of right ventricular size and function in neonates. Echocardiography, 2019, 36, 1961-1962.	0.3	0

#	Article	IF	CITATIONS
73	A Randomized Controlled Study of Low-Dose Hydrocortisone Versus Placebo in Dopamine-Treated Hypotensive Neonates Undergoing Hypothermia Treatment for Hypoxicâ´lschemic Encephalopathy. Journal of Pediatrics, 2019, 211, 13-19.e3.	0.9	14
74	Targeted Neonatal Echocardiography-Guided Therapy in Vein of Galen Aneurysmal Malformation: A Report of Two Cases with a Review of Physiology and Approach to Management. AJP Reports, 2019, 09, e172-e176.	0.4	14
75	Gastrointestinal hemodynamic changes during therapeutic hypothermia and after rewarming in neonatal hypoxic-Ischemic encephalopathy. Pediatrics and Neonatology, 2019, 60, 669-675.	0.3	12
76	Dichotomizing the spectrum of ductal shunt places long-term outcomes research at risk. Journal of Pediatrics, 2019, 209, 257.	0.9	0
77	Evolution of Training Guidelines for Echocardiography Performed by the Neonatologist: Toward Hemodynamic Consultation. Journal of the American Society of Echocardiography, 2019, 32, 785-790.	1.2	42
78	Anticipatory perioperative management for patent ductus arteriosus surgery: Understanding postligation cardiac syndrome. Congenital Heart Disease, 2019, 14, 311-316.	0.0	17
79	Cardiac catheterisation for closure of patent ductus arteriosus. The Lancet Child and Adolescent Health, 2019, 3, 290-292.	2.7	4
80	Targeted neonatal echocardiography in the United States of America: the contemporary perspective and challenges to implementation. Pediatric Research, 2019, 85, 919-921.	1.1	14
81	The Relationship between blood pressure parameters and left ventricular output in neonates. Journal of Perinatology, 2019, 39, 619-625.	0.9	15
82	Reply. Journal of Pediatrics, 2019, 206, 303-304.	0.9	1
82	Reply. Journal of Pediatrics, 2019, 206, 303-304.  Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019,, 387-410.	0.9	1
	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant. , 2019, ,	0.9	
83	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019,, 387-410.  Surgical Management of Patent Ductus Arteriosus in the Very Preterm Infant and Postligation Cardiac	0.9	1
83	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019, , 387-410.  Surgical Management of Patent Ductus Arteriosus in the Very Preterm Infant and Postligation Cardiac Compromise., 2019, , 427-446.  Merits and perils of targeted neonatal echocardiography-based hemodynamic research: a position		0
83 84 85	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019, , 387-410.  Surgical Management of Patent Ductus Arteriosus in the Very Preterm Infant and Postligation Cardiac Compromise., 2019, , 427-446.  Merits and perils of targeted neonatal echocardiography-based hemodynamic research: a position statement. Canadian Journal of Physiology and Pharmacology, 2019, 97, 183-186.  Cardiovascular Associations with Abnormal Brain Magnetic Resonance Imaging in Neonates with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia and Rewarming. American	0.7	0 3
83 84 85 86	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019,, 387-410.  Surgical Management of Patent Ductus Arteriosus in the Very Preterm Infant and Postligation Cardiac Compromise., 2019,, 427-446.  Merits and perils of targeted neonatal echocardiography-based hemodynamic research: a position statement. Canadian Journal of Physiology and Pharmacology, 2019, 97, 183-186.  Cardiovascular Associations with Abnormal Brain Magnetic Resonance Imaging in Neonates with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia and Rewarming. American Journal of Perinatology, 2018, 35, 979-989.  Outcomes of Surgical Ligation after Unsuccessful Pharmacotherapy for Patent Ductus Arteriosus in	0.7	1 0 3 20
83 84 85 86	Diagnosis, Evaluation, and Monitoring of Patent Ductus Arteriosus in the Very Preterm Infant., 2019,, 387-410.  Surgical Management of Patent Ductus Arteriosus in the Very Preterm Infant and Postligation Cardiac Compromise., 2019,, 427-446.  Merits and perils of targeted neonatal echocardiography-based hemodynamic research: a position statement. Canadian Journal of Physiology and Pharmacology, 2019, 97, 183-186.  Cardiovascular Associations with Abnormal Brain Magnetic Resonance Imaging in Neonates with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia and Rewarming. American Journal of Perinatology, 2018, 35, 979-989.  Outcomes of Surgical Ligation after Unsuccessful Pharmacotherapy for Patent Ductus Arteriosus in Neonates Born Extremely Preterm. Journal of Pediatrics, 2018, 195, 292-296.e3.  The Impact of Therapeutic Hypothermia on Pulmonary Hemodynamics of Meconium Aspiration	0.7 0.6 0.9	1 0 3 20 28

#	Article	IF	CITATIONS
91	Non-pharmacological management of a hemodynamically significant patent ductus arteriosus. Seminars in Fetal and Neonatal Medicine, 2018, 23, 245-249.	1.1	20
92	Factors associated with non-response to second course indomethacin for PDA treatment in preterm neonates. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 1407-1411.	0.7	7
93	The newborn rat gastric emptying rate is volume and not developmentally dependent. Neurogastroenterology and Motility, 2018, 30, e13233.	1.6	3
94	Tale of Two Patent Ductus Arteriosus Severity Scores: Similarities and Differences. American Journal of Perinatology, 2018, 35, 055-058.	0.6	23
95	Sub-Pilot-Scale Autocatalytic Pyrolysis of Wastewater Biosolids for Enhanced Energy Recovery. Catalysts, 2018, 8, 524.	1.6	9
96	The use of milrinone in neonates with persistent pulmonary hypertension of the newborn - a randomised controlled trial pilot study (MINT 1): study protocol and review of literature. Maternal Health, Neonatology and Perinatology, 2018, 4, 24.	1.0	20
97	Targeted neonatal echocardiography (TNE) consult service in a large tertiary perinatal center in Canada. Journal of Perinatology, 2018, 38, 1039-1045.	0.9	26
98	Outcomes of hypoxic respiratory failure at birth associated with previable rupture of membranes. Journal of Perinatology, 2018, 38, 1087-1092.	0.9	4
99	Cardiopulmonary Adaptation During First Day of Life in Human Neonates. Journal of Pediatrics, 2018, 200, 50-57.e2.	0.9	33
100	Contemporary approach to the patent ductus arteriosus and future considerations. Seminars in Fetal and Neonatal Medicine, 2018, 23, 223-224.	1.1	3
101	Evidence-based use of acetaminophen for hemodynamically significant ductus arteriosus in preterm infants. Seminars in Perinatology, 2018, 42, 243-252.	1.1	38
102	Circulatory Insufficiency and Hypotension Related to the Ductus Arteriosus in Neonates. Frontiers in Pediatrics, 2018, 6, 62.	0.9	30
103	Integrated evaluation of hemodynamics: a novel approach for the assessment and management of preterm infants with compromised systemic circulation. Journal of Perinatology, 2018, 38, 1337-1343.	0.9	17
104	Application of Neonatologist Performed Echocardiography in the Assessment and Management of Neonatal Heart Failure unrelated to Congenital Heart Disease. Pediatric Research, 2018, 84, 78-88.	1.1	32
105	Application of Neonatologist Performed Echocardiography in the assessment of a patent ductus arteriosus. Pediatric Research, 2018, 84, 46-56.	1.1	95
106	Application of Neonatologist Performed Echocardiography in the assessment and management of persistent pulmonary hypertension of the newborn. Pediatric Research, 2018, 84, 68-77.	1.1	85
107	Late oral acetaminophen versus immediate surgical ligation in preterm infants with persistent large patent ductus arteriosus. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1937-1944.	0.4	18
108	Patent ductus arteriosus: The physiology of transition. Seminars in Fetal and Neonatal Medicine, 2018, 23, 225-231.	1.1	45

#	Article	IF	CITATIONS
109	Relationship of Patent Ductus Arteriosus Size to Echocardiographic Markers of Shunt Volume. Journal of Pediatrics, 2018, 202, 50-55.e3.	0.9	36
110	Hemodynamic Assessment and Monitoring of Premature Infants. Clinics in Perinatology, 2017, 44, 377-393.	0.8	52
111	Association of Patent Ductus Arteriosus Ligation With Death or Neurodevelopmental Impairment Among Extremely Preterm Infants. JAMA Pediatrics, 2017, 171, 443.	3.3	99
112	Maturational Patterns of Systolic Ventricular Deformation Mechanics by Two-Dimensional Speckle-Tracking Echocardiography in Preterm Infants over the First Year of Age. Journal of the American Society of Echocardiography, 2017, 30, 685-698.e1.	1.2	69
113	Mycobacterium Fortuitum Bloodstream Infection in a Very Low Birth Weight Preterm Neonate. Pediatric Infectious Disease Journal, 2017, 36, 800-802.	1.1	2
114	Short-term and long-term outcomes of preterm neonates with acute severe pulmonary hypertension following rescue treatment with inhaled nitric oxide. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F508-F514.	1.4	43
115	Left Ventricular Function in Healthy Term Neonates During the Transitional Period. Journal of Pediatrics, 2017, 182, 197-203.e2.	0.9	51
116	Prophylactic Indomethacin Revisited. Journal of Pediatrics, 2017, 186, 11-14.e1.	0.9	21
117	Cardiac biomarkers and haemodynamically significant patent ductus arteriosus in preterm infants. Early Human Development, 2017, 105, 41-47.	0.8	33
118	Controversies in the identification and management of acute pulmonary hypertension in preterm neonates. Pediatric Research, 2017, 82, 901-914.	1.1	41
119	Adverse Heart–Lung Interactions in Ventilator-induced Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1411-1421.	2.5	55
120	Hypoxic-Ischemic Encephalopathy and Therapeutic Hypothermia: The Hemodynamic Perspective. Journal of Pediatrics, 2017, 180, 22-30.e2.	0.9	61
121	Mise à jour à l'intention des dispensateurs canadiens du PRN : une analyse fondée sur des cas. Paediatrics and Child Health, 2017, 22, 354-356.	0.3	0
122	Update for Canadian NRP providers: A case-based review. Paediatrics and Child Health, 2017, 22, 351-353.	0.3	2
123	Oxygen Transport and Delivery. , 2017, , 724-737.e2.		5
124	Cardiovascular Assessment. , 2017, , 124-139.e3.		0
125	Structure, function and five basic needs of the global health research system. Journal of Global Health, 2016, 6, 010508.	1.2	48
126	Reflections of the changes in patent ductus arteriosus management during the last 10â€years. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F474-F478.	1.4	54

#	Article	IF	Citations
127	Acetaminophen to avoid surgical ligation in extremely low gestational age neonates with persistent hemodynamically significant patent ductus arteriosus. Journal of Perinatology, 2016, 36, 649-653.	0.9	18
128	Predictors of respiratory instability in neonates undergoing patient ductus arteriosus ligation after the introduction of targeted milrinone treatment. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 498-504.	0.4	22
129	The effect of milrinone on right and left ventricular function when used as a rescue therapy for term infants with pulmonary hypertension. Cardiology in the Young, 2016, 26, 90-99.	0.4	61
130	Hemodynamic instability in the critically ill neonate: An approach to cardiovascular support based on disease pathophysiology. Seminars in Perinatology, 2016, 40, 174-188.	1.1	84
131	The impact of a dedicated patent ductus arteriosus ligation team on neonatal health-care outcomes. Journal of Perinatology, 2016, 36, 463-468.	0.9	8
132	Paracetamol for the treatment of patent ductus arteriosus in preterm neonates: a systematic review and meta-analysis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F127-F136.	1.4	103
133	Neonatal Resuscitation beyond the delivery room – Does one protocol fit all?. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 971-973.	0.7	10
134	N-Terminal Pro-B Type Natriuretic Peptide as a Marker of Bronchopulmonary Dysplasia or Death in Very Preterm Neonates: A Cohort Study. PLoS ONE, 2015, 10, e0140079.	1.1	23
135	A Randomized Controlled Trial of the Use of Oral Glucose with or without Gentle Facilitated Tucking of Infants during Neonatal Echocardiography. PLoS ONE, 2015, 10, e0141015.	1.1	8
136	Arginase inhibition prevents bleomycin-induced pulmonary hypertension, vascular remodeling, and collagen deposition in neonatal rat lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L503-L510.	1.3	42
137	Maternal-pup interaction disturbances induce long-lasting changes in the newborn rat pulmonary vasculature. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1186-L1198.	1.3	2
138	Perceptions of Health Professionals on Pain in Extremely Low Gestational Age Infants. Qualitative Health Research, 2015, 25, 763-774.	1.0	22
139	Persistent pulmonary hypertension of the newborn: Advances in diagnosis and treatment. Seminars in Fetal and Neonatal Medicine, 2015, 20, 262-271.	1.1	195
140	A Patent Ductus Arteriosus Severity Score Predicts Chronic Lung Disease or Death before Discharge. Journal of Pediatrics, 2015, 167, 1354-1361.e2.	0.9	151
141	Oral glucose during targeted neonatal echocardiography: is it useful?: TableÂ1. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F374-F375.	1.4	3
142	Treatment of premature infants with pulmonary hypertension and right ventricular dysfunction with milrinone: a case series. Journal of Perinatology, 2015, 35, 268-273.	0.9	34
143	Rho Kinase Mediates Right Ventricular Systolic Dysfunction in Rats with Chronic Neonatal Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 717-727.	1.4	9
144	Catecholamine-resistant hypotension and myocardial performance following patent ductus arteriosus ligation. Journal of Perinatology, 2015, 35, 123-127.	0.9	23

#	Article	IF	Citations
145	Rho-Kinase Inhibitor Prevents Bleomycin-Induced Injury in Neonatal Rats Independent of Effects on Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 61-73.	1.4	34
146	Vasopressin improves survival compared with epinephrine in a neonatal piglet model of asphyxial cardiac arrest. Pediatric Research, 2014, 75, 738-748.	1.1	27
147	Cardiac Sonography by the Neonatologist. Journal of Ultrasound in Medicine, 2014, 33, 1401-1406.	0.8	26
148	Low Cardiac Output Secondary to a Malpositioned Umbilical Venous Catheter: Value of Targeted Neonatal Echocardiography. AJP Reports, 2014, 4, 023-028.	0.4	13
149	Newborn rat response to single vs. combined cGMP-dependent pulmonary vasodilators. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L207-L215.	1.3	12
150	Non-Invasive Cardiac Output Monitoring in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation: A Comparison with Echocardiography. Neonatology, 2014, 106, 330-336.	0.9	32
151	A Comprehensive Echocardiographic Protocol for Assessing Neonatal Right Ventricular Dimensions and Function in the Transitional Period: Normative Data and Z Scores. Journal of the American Society of Echocardiography, 2014, 27, 1293-1304.	1.2	147
152	Vasopressin as a Rescue Therapy for Refractory Pulmonary Hypertension in Neonates. Pediatric Critical Care Medicine, 2014, 15, 148-154.	0.2	70
153	Hypotension following Patent Ductus Arteriosus Ligation: The Role of Adrenal Hormones. Journal of Pediatrics, 2014, 164, 1449-1455.e1.	0.9	46
154	Assessment and Treatment of Post Patent Ductus Arteriosus Ligation Syndrome. Journal of Pediatrics, 2014, 165, 46-52.e1.	0.9	58
155	Automated Sleep-Wake Detection in Neonates from Cerebral Function Monitor Signals. , 2014, , .		5
156	Assessment of myocardial performance in preterm infants less than 29 weeks gestation during the transitional period. Early Human Development, 2014, 90, 829-835.	0.8	60
157	Targeted Neonatal Echocardiography Services. Journal of Ultrasound in Medicine, 2014, 33, 1833-1841.	0.8	30
158	Preferential Cephalic Redistribution of Left Ventricular Cardiac Output during Therapeutic Hypothermia for Perinatal Hypoxic-Ischemic Encephalopathy. Journal of Pediatrics, 2014, 164, 999-1004.e1.	0.9	52
159	Efficacy of paracetamol on patent ductus arteriosus closure may be dose dependent: evidence from human and murine studies. Pediatric Research, 2014, 76, 238-244.	1.1	67
160	Therapeutic hypercapnia prevents inhaled nitric oxide-induced right-ventricular systolic dysfunction in juvenile rats. Free Radical Biology and Medicine, 2014, 69, 35-49.	1.3	15
161	PDA Ligation and Health Outcomes: A Meta-analysis. Pediatrics, 2014, 133, e1024-e1046.	1.0	130
162	Patent ductus arteriosus ligation and adverse outcomes: Causality or bias?. Journal of Clinical Neonatology, 2014, 3, 67.	0.1	48

#	Article	IF	Citations
163	Targeted neonatal echocardiography (TnECHO) service in a Canadian neonatal intensive care unit: a 4-year experience. Journal of Perinatology, 2013, 33, 687-690.	0.9	71
164	Morbidity and mortality in preterm neonates with patent ductus arteriosus on day 3. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F505-F510.	1.4	165
165	y+ cationic amino acid transport of arginine in packed red blood cells. Journal of Surgical Research, 2013, 179, e183-e187.	0.8	11
166	Ligation of the Patent Ductus Arteriosus in Preterm Infants: Understanding the Physiology. Journal of Pediatrics, 2013, 162, 1100-1106.	0.9	70
167	Adrenal Function in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation. Neonatology, 2013, 104, 28-33.	0.9	18
168	Evaluation of cerebral electrical activity and cardiac output after patent ductus arteriosus ligation in preterm infants. Journal of Perinatology, 2013, 33, 861-866.	0.9	6
169	Patent ductus arteriosus treatment in preterm infantsâ€"time to consider shunt volume?. Journal of Perinatology, 2013, 33, 248-249.	0.9	4
170	Pharmacology of Milrinone in Neonates With Persistent Pulmonary Hypertension of the Newborn and Suboptimal Response to Inhaled Nitric Oxide*. Pediatric Critical Care Medicine, 2013, 14, 74-84.	0.2	114
171	Persistent Pulmonary Hypertension of the Newborn: Physiology, Hemodynamic Assessment and Novel Therapies. Current Pediatric Reviews, 2013, 9, 55-66.	0.4	11
172	Variation in the Management of Persistent Pulmonary Hypertension of the Newborn: A Survey of Physicians in Canada, Australia, and New Zealand. American Journal of Perinatology, 2012, 29, 519-26.	0.6	21
173	Sustained therapeutic hypercapnia attenuates pulmonary arterial Rho-kinase activity and ameliorates chronic hypoxic pulmonary hypertension in juvenile rats. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2599-H2611.	1.5	25
174	Therapeutic hypercapnia prevents bleomycin-induced pulmonary hypertension in neonatal rats by limiting macrophage-derived tumor necrosis factor-α. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L75-L87.	1.3	25
175	The Use of Targeted Neonatal Echocardiography to Confirm Placement of Peripherally Inserted Central Catheters in Neonates. American Journal of Perinatology, 2012, 29, 101-106.	0.6	72
176	Delivery room resuscitation of preterm infants in Canada: current practice and views of neonatologists at level III centers. Journal of Perinatology, 2012, 32, 491-497.	0.9	27
177	High-fidelity simulator technology may not be superior to traditional low-fidelity equipment for neonatal resuscitation training. Journal of Perinatology, 2012, 32, 287-292.	0.9	79
178	Indomethacin Impairs Coronary Perfusion in Infants with Hemodynamically Significant Ductus Arteriosus. Neonatology, 2012, 101, 20-27.	0.9	24
179	The Impact of Amplitude-Integrated Electroencephalography on NICU Practice. Canadian Journal of Neurological Sciences, 2012, 39, 355-360.	0.3	8
180	Acute Changes in Myocardial Systolic Function in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation: A Tissue Doppler and Myocardial Deformation Study. Journal of the American Society of Echocardiography, 2012, 25, 1058-1067.	1.2	95

#	Article	IF	Citations
181	Non-Invasive Cardiac Output Monitoring in Neonates Using Bioreactance: A Comparison with Echocardiography. Neonatology, 2012, 102, 61-67.	0.9	68
182	The Ductus Arteriosus: A Refined Approach!. Seminars in Perinatology, 2012, 36, 105-113.	1.1	48
183	Coronary artery perfusion and myocardial performance after patent ductus arteriosus ligation. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1271-1278.	0.4	29
184	Use of Targeted Neonatal Echocardiography to Prevent Postoperative Cardiorespiratory Instability after Patent Ductus Arteriosus Ligation. Journal of Pediatrics, 2012, 160, 584-589.e1.	0.9	127
185	Cardiovascular support in preterm infants: A survey of practices in Australia and New Zealand. Journal of Paediatrics and Child Health, 2012, 48, 317-323.	0.4	31
186	Targeted Neonatal Echocardiography in the Neonatal Intensive Care Unit: Practice Guidelines and Recommendations for Training. Journal of the American Society of Echocardiography, 2011, 24, 1057-1078.	1.2	285
187	Point-of-care ultrasound in the neonatal intensive care unit: international perspectives. Seminars in Fetal and Neonatal Medicine, 2011, 16, 61-68.	1.1	105
188	Spectral Doppler waveforms in systemic arteries and physiological significance of a patent ductus arteriosus. Journal of Perinatology, 2011, 31, 150-156.	0.9	23
189	Neonatologist-performed functional echocardiography in the neonatal intensive care unit. Seminars in Fetal and Neonatal Medicine, 2011, 16, 50-60.	1.1	120
190	Whole-Body Hypothermia for Term and Near-Term Newborns With Hypoxic-Ischemic Encephalopathy. JAMA Pediatrics, 2011, 165, 692.	3.6	528
191	Lessons learned during implementation of therapeutic hypothermia for neonatal hypoxic ischemic encephalopathy in a regional transport program in Ontario. Paediatrics and Child Health, 2011, 16, 153-156.	0.3	26
192	The patent ductus arteriosus ligation decision. Journal of Pediatrics, 2011, 158, 1037-1038.	0.9	12
193	Troponin T, N-terminal pro natriuretic peptide and a patent ductus arteriosus scoring system predict death before discharge or neurodevelopmental outcome at 2 years in preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, F133-F137.	1.4	61
194	A Case of Severe Eosinophilia in a Preterm Infant. Pediatrics, 2011, 127, e767-e771.	1.0	1
195	Targeted Neonatal Echocardiography in the Neonatal Intensive Care Unit: Practice Guidelines and Recommendations for Training: Writing group of the American Society of Echocardiography (ASE) in collaboration with the European Association of Echocardiography (EAE) and the Association for European Pediatric Cardiologists (AEPC). European Journal of Echocardiography, 2011, 12, 715-736.	2.3	165
196	Staging the ductus arteriosus facilitates identification of neonates at increased risk of respiratory morbidity. Journal of Neonatal-Perinatal Medicine, 2011, 4, 27-32.	0.4	4
197	Surfactant and patent ductus arteriosus. Indian Journal of Pediatrics, 2010, 77, 51-55.	0.3	12
198	Patent ductus arteriosus ligation and post-operative hemodynamic instability: Case report and framework for enhanced neonatal care. Indian Journal of Pediatrics, 2010, 77, 905-907.	0.3	17

#	Article	IF	Citations
199	Role of amplitude-integrated electroencephalography in neonates with cardiovascular compromise. Journal of Critical Care, 2010, 25, 317-321.	1.0	11
200	Accuracy of clinical diagnosis and decision to commence intravenous prostaglandin E1 in neonates presenting with hypoxemia in a transport setting. Journal of Critical Care, 2010, 25, 174.e1-174.e9.	1.0	11
201	Patent ductus arteriosus ligation is associated with impaired left ventricular systolic performance in premature infants weighing less than 1000 g. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 150-157.	0.4	129
202	Pulmonary vascular and cardiac effects of peroxynitrite decomposition in newborn rats. Free Radical Biology and Medicine, 2010, 49, 1306-1314.	1.3	21
203	Peroxynitrite mediates right-ventricular dysfunction in nitric oxide-exposed juvenile rats. Free Radical Biology and Medicine, 2010, 49, 1453-1467.	1.3	17
204	Prematurity and Cardiac Disease., 2010,, 181-196.		0
205	Comparison of Pain During Two Methods of Urine Collection in Preterm Infants. Pediatrics, 2010, 125, 1224-1229.	1.0	37
206	Milrinone for persistent pulmonary hypertension of the newborn. The Cochrane Library, 2010, , CD007802.	1.5	38
207	Haemodynamic changes after delivery room surfactant administration to very low birth weight infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2010, 95, F345-F351.	1.4	28
208	Failure of pediatric and neonatal trainees to meet Canadian Neonatal Resuscitation Program standards for neonatal intubation. Journal of Perinatology, 2010, 30, 182-187.	0.9	109
209	Rescue treatment with a Rho-kinase inhibitor normalizes right ventricular function and reverses remodeling in juvenile rats with chronic pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H1854-H1864.	1.5	46
210	Impact of Oxygen Saturation Targets and Oxygen Therapy during the Transport of Neonates with Clinically Suspected Congenital Heart Disease. Neonatology, 2010, 97, 154-162.	0.9	12
211	Is routine preoperative 2-dimensional echocardiography necessary for infants with esophageal atresia, omphalocele, or anorectal malformations?. Journal of Pediatric Surgery, 2010, 45, 876-879.	0.8	32
212	Effects of Rho-Kinase Inhibition on Pulmonary Hypertension, Lung Growth, and Structure in Neonatal Rats Chronically Exposed to Hypoxia. Pediatric Research, 2010, 67, 177-182.	1.1	52
213	Vasopressin in Pediatric Vasodilatory Shock. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 632-639.	2.5	135
214	Therapeutic effects of hypercapnia on chronic lung injury and vascular remodeling in neonatal rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L920-L930.	1.3	44
215	Does echocardiography facilitate determination of hemodynamic significance attributable to the ductus arteriosus?. European Journal of Pediatrics, 2009, 168, 907-914.	1.3	112
216	Review of interventional procedures in the very low birth-weight infant (<1.5Âkg): complications, lessons learned and current practice. Pediatric Radiology, 2009, 39, 781-790.	1.1	9

#	Article	IF	Citations
217	Positive End-Expiratory Pressure Improves Survival in a Rodent Model of Cardiopulmonary Resuscitation Using High-Dose Epinephrine. Anesthesia and Analgesia, 2009, 109, 1202-1208.	1.1	20
218	Cardiopulmonary resuscitation for neonates: Evidence for compressions?. Resuscitation, 2008, 78, 241-242.	1.3	1
219	Does point-of-care functional echocardiography enhance cardiovascular care in the NICU?. Journal of Perinatology, 2008, 28, 729-735.	0.9	91
220	Early discontinuation of intravenous prostaglandin E1 after balloon atrial septostomy is associated with an increased risk of rebound hypoxemia. Journal of Perinatology, 2008, 28, 341-346.	0.9	17
221	Postoperative cardiorespiratory instability following ligation of the preterm ductus arteriosus is related to early need for intervention. Journal of Perinatology, 2008, 28, 803-810.	0.9	121
222	Acute vasodilator effects of Rho-kinase inhibitors in neonatal rats with pulmonary hypertension unresponsive to nitric oxide. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L205-L213.	1.3	98
223	Vascular Remodeling Protects against Ventilator-induced Lung Injury in the <i>In Vivo</i> Â Rat. Anesthesiology, 2008, 108, 1047-1054.	1.3	6
224	The Hemodynamically Significant Ductus Arteriosus in Critically III Full-Term Neonates. Neonatology, 2007, 91, 260-265.	0.9	5
225	Towards rational management of the patent ductus arteriosus: the need for disease staging. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2007, 92, F424-F427.	1.4	299
226	Hazardous Course of an End-tidal Carbon Dioxide Catheter in a Premature Infant. Anesthesiology, 2007, 107, 180-181.	1.3	3
227	Neonatal Persistent Pulmonary Hypertension Treated with Milrinone: Four Case Reports. Neonatology, 2006, 89, 1-5.	0.9	117
228	Intravenous Morphine and Topical Tetracaine for Treatment of Pain in Preterm Neonates Undergoing Central Line Placement. JAMA - Journal of the American Medical Association, 2006, 295, 793.	3.8	68
229	Duodenal and biliary atresia associated with facial, thyroid and auditory apparatus abnormalities: a new mandibulofacial dysostosis syndrome?. Clinical Dysmorphology, 2006, 15, 191-196.	0.1	7
230	The effect of global hypoxia on myocardial function after successful cardiopulmonary resuscitation in a laboratory model. Resuscitation, 2006, 68, 267-275.	1.3	29
231	Milrinone improves oxygenation in neonates with severe persistent pulmonary hypertension of the newborn. Journal of Critical Care, 2006, 21, 217-222.	1.0	182
232	Epinephrine Increases Mortality after Brief Asphyxial Cardiac Arrest in an In Vivo Rat Model. Anesthesia and Analgesia, 2006, 102, 542-548.	1.1	48
233	Therapeutic hypercapnia prevents chronic hypoxia-induced pulmonary hypertension in the newborn rat. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L912-L922.	1.3	80
234	Enhanced intensive care for the neonatal ductus arteriosus. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 394-403.	0.7	28

#	Article	IF	Citations
235	Enhanced intensive care for the neonatal ductus arteriosus. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 394-403.	0.7	1
236	Oxygen Attenuates Atelectasis-induced Injury in the In Vivo Rat Lung. Anesthesiology, 2005, 103, 522-531.	1.3	34
237	EARLY PDA LIGATION IS ASSOCIATED WITH INCREASED RISK OF POSTOPERATIVE CARDIORESPIRATORY INSTABILITY. Pediatric Critical Care Medicine, 2005, 6, 400.	0.2	2
238	Too Much of a Good Thing? Epinephrine on Trial!. Journal of Perinatology, 2005, 25, 223-224.	0.9	4
239	Unusual Neonatal Presentation of Incontinentia Pigmenti with Persistent Pulmonary Hypertension of the Newborn: A Case Report. Journal of Perinatology, 2005, 25, 289-292.	0.9	20
240	Dedicated Neonatal Retrieval Teams Improve Delivery Room Resuscitation of Outborn Premature Infants. Journal of Perinatology, 2005, 25, 309-314.	0.9	51
241	Inhaled nitric oxide therapy for persistent pulmonary hypertension of the newborn: when is it enough?. Journal of Critical Care, 2005, 20, 294-295.	1.0	5
242	Intraurethral knot in a very-low-birth-weight infant: radiological recognition, surgical management and prevention. Pediatric Radiology, 2005, 35, 713-716.	1.1	15
243	Caution with prolonged or high-dose infusions of catecholamines in premature infants. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 980b-982.	0.7	2
244	Caution with prolonged or highâ€dose infusions of catecholamines in premature infants. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 980-2.	0.7	3
245	In collaboration with the Canadian Critical Care Society, the Canadian Journal of Anesthesia is proud to publish the best posters presented at the Toronto Critical Care Medicine Symposium 2003 (Adult) Tj ETQq1 1 Anaesthesia, 2004, 51, A1-A8.	0.784314	rgBT /Overl
246	Challenges of implementing Point-of-Care Testing (POCT) glucose meters in a pediatric acute care setting. Clinical Biochemistry, 2004, 37, 811-817.	0.8	20
247	Atelectasis Causes Vascular Leak and Lethal Right Ventricular Failure in Uninjured Rat Lungs. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1633-1640.	2.5	185
248	Comparison of EML 105 and advantage analysers measuring capillary versus venous whole blood glucose in neonates. Acta Paediatrica, International Journal of Paediatrics, 2001, 90, 1033-41.	0.7	4
249	Survival of a preterm neonate with late onset hydrops fetalis due to parvovirus B19 infection. Acta Paediatrica, International Journal of Paediatrics, 1998, 87, 1088-9.	0.7	0
250	Clinical burden associated with therapies for cardio-pulmonary critical decompensation in preterm neonates across Canadian neonatal intensive care units. European Journal of Pediatrics, 0, , .	1.3	0