

Amish Jain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3071995/publications.pdf>

Version: 2024-02-01

86
papers

2,648
citations

230014

27
h-index

223390

49
g-index

87
all docs

87
docs citations

87
times ranked

2135
citing authors

#	ARTICLE	IF	CITATIONS
1	Rectal Acetaminophen Improves Shunt Volume and Reduces Patent Ductus Arteriosus Ligation in Extremely Preterm Infants. <i>American Journal of Perinatology</i> , 2023, 40, 1223-1231.	0.6	2
2	Creation of Neonatal Hemodynamics Research Center: building capacity for echocardiography-based science in neonatology. <i>Pediatric Research</i> , 2022, 91, 1306-1307.	1.1	1
3	Hemodynamic dysfunction in neonatal sepsis. <i>Pediatric Research</i> , 2022, 91, 413-424.	1.1	17
4	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. <i>Journal of Perinatology</i> , 2022, 42, 3-13.	0.9	11
5	2% aqueous vs alcohol-based chlorhexidine for skin antisepsis in VLBW neonates undergoing peripheral venipuncture: a non-inferiority trial. <i>Journal of Perinatology</i> , 2022, 42, 636-641.	0.9	3
6	Different approaches for patent ductus arteriosus in premature infants using acetaminophen. <i>World Journal of Pediatrics</i> , 2022, 18, 243-250.	0.8	0
7	La prise en charge de la persistance du canal artériel chez les nouveau-nés prématurés. <i>Paediatrics and Child Health</i> , 2022, 27, 64-64.	0.3	0
8	Relationship of Patent Ductus Arteriosus Echocardiographic Markers With Descending Aorta Diastolic Flow. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 1505-1514.	0.8	6
9	Clinical validity of systemic arterial steal among extremely preterm infants with persistent patent ductus arteriosus. <i>Journal of Perinatology</i> , 2021, 41, 84-92.	0.9	6
10	Short and long-term outcomes of chronic pulmonary hypertension in preterm infants managed using a standardized algorithm. <i>Pediatric Pulmonology</i> , 2021, 56, 1155-1164.	1.0	5
11	Association between changes in urine output and successful indomethacin treatment for patent ductus arteriosus in preterm neonates. <i>Journal of Paediatrics and Child Health</i> , 2021, 57, 554-558.	0.4	3
12	Patent ductus arteriosus shunt volume in preterm neonates using pulmonary vein diastolic velocity. <i>Pediatric Research</i> , 2021, , .	1.1	0
13	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. <i>BMJ Open</i> , 2021, 11, e044924.	0.8	4
14	Relative effectiveness and safety of pharmacotherapeutic agents for patent ductus arteriosus (PDA) in preterm infants: a protocol for a multicentre comparative effectiveness study (CANRxPDA). <i>BMJ Open</i> , 2021, 11, e050682.	0.8	2
15	Trends in patent ductus arteriosus ligation in neonates and changes in outcomes: A 10-year multicenter experience. <i>Pediatric Pulmonology</i> , 2021, 56, 3250-3257.	1.0	3
16	Cardiac Performance in the First Year of Age Among Preterm Infants Fed Maternal Breast Milk. <i>JAMA Network Open</i> , 2021, 4, e2121206.	2.8	18
17	Is late treatment with acetaminophen safe and effective in avoiding surgical ligation among extremely preterm neonates with persistent patent ductus arteriosus?. <i>Journal of Perinatology</i> , 2021, 41, 2519-2525.	0.9	4
18	Physiology of Low Blood Pressure During the First Day After Birth Among Extremely Preterm Neonates. <i>Journal of Pediatrics</i> , 2021, 236, 40-46.e3.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Reply. Journal of Pediatrics, 2021, , .	0.9	0
20	Bloodstream Infections in Preterm Neonates and Mortality-Associated Risk Factors. Journal of Pediatrics, 2021, 237, 206-212.e1.	0.9	6
21	Blood pressure, organ dysfunction, and mortality in preterm neonates with late-onset sepsis. Pediatric Research, 2021, , .	1.1	4
22	Cardiac Function and Ventricular Interactions in Persistent Pulmonary Hypertension of the Newborn. Pediatric Critical Care Medicine, 2021, 22, e145-e157.	0.2	8
23	Factors associated with antibiotic administration delay among preterm infants with late-onset bloodstream infection. Journal of Hospital Infection, 2021, , .	1.4	2
24	Preventing disease in the 21st century: early breast milk exposure and later cardiovascular health in premature infants. Pediatric Research, 2020, 87, 385-390.	1.1	20
25	Risk Assessment and Monitoring of Chronic Pulmonary Hypertension in Premature Infants. Journal of Pediatrics, 2020, 217, 199-209.e4.	0.9	36
26	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
27	Neonatal Intensive Care Unit-Level Patent Ductus Arteriosus Treatment Rates and Outcomes in Infants Born Extremely Preterm. Journal of Pediatrics, 2020, 220, 34-39.e5.	0.9	20
28	Pulse oximetry screening for critical congenital heart defects in Ontario, Canada: a cost-effectiveness analysis. Canadian Journal of Public Health, 2020, 111, 804-811.	1.1	9
29	Effect of Phenobarbitone on Amplitude-Integrated Electroencephalography in Neonates with Hypoxic-Ischemic Encephalopathy during Hypothermia. Neonatology, 2020, 117, 721-728.	0.9	4
30	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
31	Accuracy and reliability of qualitative echocardiography assessment of right ventricular size and function in neonates. Echocardiography, 2019, 36, 1346-1352.	0.3	30
32	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
33	Echocardiographic Assessment of Right Ventricular Afterload in Preterm Infants: Maturation 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
34	Gastrointestinal hemodynamic changes during therapeutic hypothermia and after rewarming in neonatal hypoxic-ischemic encephalopathy. Pediatrics and Neonatology, 2019, 60, 669-675.	0.3	12
35	The Relationship between blood pressure parameters and left ventricular output in neonates. Journal of Perinatology, 2019, 39, 619-625.	0.9	15
36	Tissue Doppler Imaging. , 2019, , 205-217.		0

#	ARTICLE	IF	CITATIONS
37	Merits and perils of targeted neonatal echocardiography-based hemodynamic research: a position statement. Canadian Journal of Physiology and Pharmacology, 2019, 97, 183-186.	0.7	3
38	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.	0.6	20
39	Outcomes of Surgical Ligation after Unsuccessful Pharmacotherapy for Patent Ductus Arteriosus in Neonates Born Extremely Preterm. Journal of Pediatrics, 2018, 195, 292-296.e3.	0.9	28
40	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
41	Right ventricular congestion in preterm neonates with chronic pulmonary hypertension. Journal of Perinatology, 2018, 38, 1708-1710.	0.9	8
42	COST-EFFECTIVENESS OF PULSE OXIMETRY SCREENING FOR CRITICAL CONGENITAL HEART DEFECTS IN ONTARIO. Paediatrics and Child Health, 2018, 23, e17-e18.	0.3	0
43	Targeted neonatal echocardiography (TNE) consult service in a large tertiary perinatal center in Canada. Journal of Perinatology, 2018, 38, 1039-1045.	0.9	26
44	Outcomes of hypoxic respiratory failure at birth associated with previable rupture of membranes. Journal of Perinatology, 2018, 38, 1087-1092.	0.9	4
45	Cardiopulmonary Adaptation During First Day of Life in Human Neonates. Journal of Pediatrics, 2018, 200, 50-57.e2.	0.9	33
46	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
47	Patent ductus arteriosus: The physiology of transition. Seminars in Fetal and Neonatal Medicine, 2018, 23, 225-231.	1.1	45
48	Relationship of Patent Ductus Arteriosus Size to Echocardiographic Markers of Shunt Volume. Journal of Pediatrics, 2018, 202, 50-55.e3.	0.9	36
49	Sodium nitrite augments lung S-nitrosylation and reverses chronic hypoxic pulmonary hypertension in juvenile rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L742-L751.	1.3	16
50	Guidelines for the management of acute unexpected cardiorespiratory deterioration in neonates with central venous lines in situ. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 2024-2025.	0.7	3
51	Association of Patent Ductus Arteriosus Ligation With Death or Neurodevelopmental Impairment Among Extremely Preterm Infants. JAMA Pediatrics, 2017, 171, 443.	3.3	99
52	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
53	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
54	Left Ventricular Function in Healthy Term Neonates During the Transitional Period. Journal of Pediatrics, 2017, 182, 197-203.e2.	0.9	51

#	ARTICLE	IF	CITATIONS
55	Intermittent hypoxia during recovery from neonatal hyperoxic lung injury causes long-term impairment of alveolar development: A new rat model of BPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L208-L216.	1.3	40
56	Controversies in the identification and management of acute pulmonary hypertension in preterm neonates. <i>Pediatric Research</i> , 2017, 82, 901-914.	1.1	41
57	mTOR-Notch3 signaling mediates pulmonary hypertension in hypoxia-exposed neonatal rats independent of changes in autophagy. <i>Pediatric Pulmonology</i> , 2017, 52, 1443-1454.	1.0	14
58	Leukotriene B4 mediates macrophage influx and pulmonary hypertension in bleomycin-induced chronic neonatal lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L292-L302.	1.3	32
59	Simvastatin prevents and reverses chronic pulmonary hypertension in newborn rats via pleiotropic inhibition of RhoA signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L985-L999.	1.3	22
60	Predictors of respiratory instability in neonates undergoing patent ductus arteriosus ligation after the introduction of targeted milrinone treatment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 498-504.	0.4	22
61	Use of Targeted Neonatal Echocardiography and Focused Cardiac Sonography in Tertiary Neonatal Intensive Care Units. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1579-1591.	0.8	13
62	Outcomes associated with early removal versus retention of peripherally inserted central catheters after diagnosis of catheter-associated infections in neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 4082-4087.	0.7	6
63	A Randomized Controlled Trial of the Use of Oral Glucose with or without Gentle Facilitated Tucking of Infants during Neonatal Echocardiography. <i>PLoS ONE</i> , 2015, 10, e0141015.	1.1	8
64	Maternal-pup interaction disturbances induce long-lasting changes in the newborn rat pulmonary vasculature. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1186-L1198.	1.3	2
65	Diagnosis, Evaluation, and Management of Patent Ductus Arteriosus in Preterm Neonates. <i>JAMA Pediatrics</i> , 2015, 169, 863.	3.3	235
66	Persistent pulmonary hypertension of the newborn: Advances in diagnosis and treatment. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 262-271.	1.1	195
67	Outcomes for Symmetrical and Asymmetrical Small for Gestational Age Preterm Infants in Canadian Tertiary NICUs. <i>American Journal of Perinatology</i> , 2015, 32, 725-732.	0.6	6
68	Cardiac Arrest in Pregnancy. <i>Circulation</i> , 2015, 132, 1747-1773.	1.6	290
69	Oral glucose during targeted neonatal echocardiography: is it useful?: Table 1. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F374-F375.	1.4	3
70	Rho Kinase Mediates Right Ventricular Systolic Dysfunction in Rats with Chronic Neonatal Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 717-727.	1.4	9
71	Non-Invasive Cardiac Output Monitoring in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation: A Comparison with Echocardiography. <i>Neonatology</i> , 2014, 106, 330-336.	0.9	32
72	A Comprehensive Echocardiographic Protocol for Assessing Neonatal Right Ventricular Dimensions and Function in the Transitional Period: Normative Data and Z Scores. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1293-1304.	1.2	147

#	ARTICLE	IF	CITATIONS
73	Hypotension following Patent Ductus Arteriosus Ligation: The Role of Adrenal Hormones. <i>Journal of Pediatrics</i> , 2014, 164, 1449-1455.e1.	0.9	46
74	Assessment and Treatment of Post Patent Ductus Arteriosus Ligation Syndrome. <i>Journal of Pediatrics</i> , 2014, 165, 46-52.e1.	0.9	58
75	Assessment of myocardial performance in preterm infants less than 29 weeks gestation during the transitional period. <i>Early Human Development</i> , 2014, 90, 829-835.	0.8	60
76	Efficacy of paracetamol on patent ductus arteriosus closure may be dose dependent: evidence from human and murine studies. <i>Pediatric Research</i> , 2014, 76, 238-244.	1.1	67
77	Therapeutic hypercapnia prevents inhaled nitric oxide-induced right-ventricular systolic dysfunction in juvenile rats. <i>Free Radical Biology and Medicine</i> , 2014, 69, 35-49.	1.3	15
78	Ligation of the Patent Ductus Arteriosus in Preterm Infants: Understanding the Physiology. <i>Journal of Pediatrics</i> , 2013, 162, 1100-1106.	0.9	70
79	Adrenal Function in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation. <i>Neonatology</i> , 2013, 104, 28-33.	0.9	18
80	Persistent Pulmonary Hypertension of the Newborn: Physiology, Hemodynamic Assessment and Novel Therapies. <i>Current Pediatric Reviews</i> , 2013, 9, 55-66.	0.4	11
81	Sustained therapeutic hypercapnia attenuates pulmonary arterial Rho-kinase activity and ameliorates chronic hypoxic pulmonary hypertension in juvenile rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2599-H2611.	1.5	25
82	Therapeutic hypercapnia prevents bleomycin-induced pulmonary hypertension in neonatal rats by limiting macrophage-derived tumor necrosis factor- α . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L75-L87.	1.3	25
83	The Use of Targeted Neonatal Echocardiography to Confirm Placement of Peripherally Inserted Central Catheters in Neonates. <i>American Journal of Perinatology</i> , 2012, 29, 101-106.	0.6	72
84	Acute Changes in Myocardial Systolic Function in Preterm Infants Undergoing Patent Ductus Arteriosus Ligation: A Tissue Doppler and Myocardial Deformation Study. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 1058-1067.	1.2	95
85	Use of Targeted Neonatal Echocardiography to Prevent Postoperative Cardiorespiratory Instability after Patent Ductus Arteriosus Ligation. <i>Journal of Pediatrics</i> , 2012, 160, 584-589.e1.	0.9	127
86	Clinical burden associated with therapies for cardio-pulmonary critical decompensation in preterm neonates across Canadian neonatal intensive care units. <i>European Journal of Pediatrics</i> , 0, , .	1.3	0