Regan E Giesinger

List of Publications by Year
in descending order

44 papers	769 citations	623188 14 h-index	552369 26 g-index
44 all docs	44 docs citations	44 times ranked	663 citing authors

#	Article	IF	Citations
1	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
2	Hypoxic-Ischemic Encephalopathy and Therapeutic Hypothermia: The Hemodynamic Perspective. Journal of Pediatrics, 2017, 180, 22-30.e2.	0.9	61
3	Adverse Heartâ€"Lung Interactions in Ventilator-induced Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1411-1421.	2.5	55
4	An Immature Science: Intensive Care for Infants Born at â‰23ÂWeeks ofÂGestation. Journal of Pediatrics, 2021, 233, 16-25.e1.	0.9	47
5	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
6	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
7	Controversies in the identification and management of acute pulmonary hypertension in preterm neonates. Pediatric Research, 2017, 82, 901-914.	1.1	41
8	Abrupt Deflation after Sustained Inflation Causes Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1165-1176.	2.5	39
9	Surgical management of a patent ductus arteriosus: Is this still an option?. Seminars in Fetal and Neonatal Medicine, 2018, 23, 255-266.	1.1	30
10	Accuracy and reliability of qualitative echocardiography assessment of right ventricular size and function in neonates. Echocardiography, 2019, 36, 1346-1352.	0.3	30
11	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
12	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
13	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
14	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
15	Anticipatory perioperative management for patent ductus arteriosus surgery: Understanding postligation cardiac syndrome. Congenital Heart Disease, 2019, 14, 311-316.	0.0	17
16	The Relationship between blood pressure parameters and left ventricular output in neonates. Journal of Perinatology, 2019, 39, 619-625.	0.9	15
17	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
18	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

#	Article	IF	Citations
19	Hemodynamic optimization for neonates with neonatal encephalopathy caused by a hypoxic ischemic event: Physiological and therapeutic considerations. Seminars in Fetal and Neonatal Medicine, 2021, 26, 101277.	1.1	15
20	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
21	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
22	Cardiovascular management following hypoxicâ€“ischemic encephalopathy in North America: need for physiologic consideration. Pediatric Research, 2021, 90, 600-607.	1.1	14
23	Dopamine and Neonatal Pulmonary Hypertensionâ€”Pressing Need for a Better Pressor?. Journal of Pediatrics, 2022, 246, 242-250.	0.9	13
24	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
25	Patent ductus arteriosus and cerebral, cardiac, and gut hemodynamics in premature neonates. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101120.	1.1	10
26	Cardiorespiratory management of infants born at 22 weeksâ€™ gestation: The Iowa approach. Seminars in Perinatology, 2022, 46, 151545.	1.1	9
27	Use of vasopressin in neonatal hypertrophic obstructive cardiomyopathy: case series. Journal of Perinatology, 2021, 41, 126-133.	0.9	8
28	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
29	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
30	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
31	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
32	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
33	The Impact of Therapeutic Hypothermia on Pulmonary Hemodynamics of Meconium Aspiration Syndrome. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 286-287.	2.5	4
34	Cardiac catheterisation for closure of patent ductus arteriosus. The Lancet Child and Adolescent Health, 2019, 3, 290-292.	2.7	4
35	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
36	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

#	Article	IF	Citations
37	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
38	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
39	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
40	Dichotomizing the spectrum of ductal shunt places long-term outcomes research at risk. Journal of Pediatrics, 2019, 209, 257.	0.9	0
41	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
42	Patent ductus arteriosus shunt volume in preterm neonates using pulmonary vein diastolic velocity. Pediatric Research, 2021, , .	1.1	0
43	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
44	Subclinical Left Ventricular Systolic Dysfunction due to Coronary Arterial Thrombosis in a Neonate with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia. Case, 2022, , .	0.1	0