

Karna Murthy

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,332
citations

430754

18
h-index

377752

34
g-index

60
all docs

60
docs citations

60
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Incidence of the Neonatal Abstinence Syndrome in U.S. Neonatal ICUs. <i>New England Journal of Medicine</i> , 2015, 372, 2118-2126.	13.9	387
2	Tracheobronchomalacia Is Associated with Increased Morbidity in Bronchopulmonary Dysplasia. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1428-1435.	1.5	90
3	The Impact of Pulmonary Hypertension in Preterm Infants with Severe Bronchopulmonary Dysplasia through 1 Year. <i>Journal of Pediatrics</i> , 2018, 203, 218-224.e3.	0.9	87
4	Association Between Rising Professional Liability Insurance Premiums and Primary Cesarean Delivery Rates. <i>Obstetrics and Gynecology</i> , 2007, 110, 1264-1269.	1.2	57
5	The Effect of the National Shortage of Vitamin A on Death or Chronic Lung Disease in Extremely Low-Birth-Weight Infants. <i>JAMA Pediatrics</i> , 2014, 168, 1039.	3.3	40
6	Short-Term Outcomes and Medical and Surgical Interventions in Infants with Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2015, 32, 1038-1044.	0.6	36
7	Docosahexaenoic and Arachidonic Acid Levels in Extremely Low Birth Weight Infants with Prolonged Exposure to Intravenous Lipids. <i>Journal of Pediatrics</i> , 2013, 162, 56-61.	0.9	35
8	Postnatal Weight Gain in Preterm Infants with Severe Bronchopulmonary Dysplasia. <i>American Journal of Perinatology</i> , 2014, 31, 223-230.	0.6	35
9	Educational Performance of Children Born Prematurely. <i>JAMA Pediatrics</i> , 2017, 171, 764.	3.3	35
10	Trends in induction of labor at early-term gestation. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, 435.e1-435.e6.	0.7	34
11	Intercenter Cost Variation for Perinatal Hypoxic-Ischemic Encephalopathy in the Era of Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2016, 173, 76-83.e1.	0.9	29
12	Risk Factors for Neonatal Venous and Arterial Thromboembolism in the Neonatal Intensive Care Unit—A Case Control Study. <i>Journal of Pediatrics</i> , 2018, 195, 28-32.	0.9	29
13	Home Oxygen Use and 1-Year Readmission among Infants Born Preterm with Bronchopulmonary Dysplasia Discharged from Children's Hospital Neonatal Intensive Care Units. <i>Journal of Pediatrics</i> , 2020, 220, 40-48.e5.	0.9	25
14	The association of type of surgical closure on length of stay among infants with gastroschisis born at 34 weeks' gestation. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1220-1225.	0.8	24
15	High surgical burden for infants with severe chronic lung disease (sCLD). <i>Journal of Pediatric Surgery</i> , 2014, 49, 1202-1205.	0.8	22
16	Growth and Development in Extremely Low Birth Weight Infants After the Introduction of Exclusive Human Milk Feedings. <i>American Journal of Perinatology</i> , 2017, 34, 130-137.	0.6	22
17	Implementation of an Automatic Stop Order and Initial Antibiotic Exposure in Very Low Birth Weight Infants. <i>American Journal of Perinatology</i> , 2017, 34, 105-110.	0.6	21
18	A comparison of newer classifications of bronchopulmonary dysplasia: findings from the Children's Hospitals Neonatal Consortium Severe BPD Group. <i>Journal of Perinatology</i> , 2022, 42, 58-64.	0.9	21

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19	Morphine vs Methadone Treatment for Infants with Neonatal Abstinence Syndrome. <i>Journal of Pediatrics</i> , 2018, 203, 185-189.	0.9	19
20	Obstetricians' Rising Liability Insurance Premiums and Inductions at Late Preterm Gestations. <i>Medical Care</i> , 2009, 47, 425-430.	1.1	18
21	Withdrawal of Life-Support in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pediatric Neurology</i> , 2019, 91, 20-26.	1.0	17
22	Antimicrobial therapy utilization in neonates with hypoxic-ischemic encephalopathy (HIE): a report from the Children's Hospital Neonatal Database (CHND). <i>Journal of Perinatology</i> , 2020, 40, 70-78.	0.9	16
23	Center, Gestational Age, and Race Impact End-of-Life Care Practices at Regional Neonatal Intensive Care Units. <i>Journal of Pediatrics</i> , 2020, 217, 86-91.e1.	0.9	14
24	Short-term weight gain velocity in infants with congenital diaphragmatic hernia (CDH). <i>Early Human Development</i> , 2017, 106-107, 7-12.	0.8	13
25	Energy and Protein Intake During the Transition from Parenteral to Enteral Nutrition in Infants of Very Low Birth Weight. <i>Journal of Pediatrics</i> , 2018, 202, 38-43.e1.	0.9	13
26	Treatment of pulmonary hypertension during initial hospitalization in a multicenter cohort of infants with congenital diaphragmatic hernia (CDH). <i>Journal of Perinatology</i> , 2021, 41, 803-813.	0.9	13
27	Qualitative indications for tracheostomy and chronic mechanical ventilation in patients with severe bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2021, 41, 2651-2657.	0.9	13
28	Risk factors associated with venous and arterial neonatal thrombosis in the intensive care unit: a multicentre case-control study. <i>Lancet Haematology</i> , 2022, 9, e200-e207.	2.2	12
29	Early docosahexaenoic and arachidonic acid supplementation in extremely-low-birth-weight infants. <i>Pediatric Research</i> , 2016, 80, 505-510.	1.1	11
30	Does the initial surgery for necrotizing enterocolitis matter? Comparative outcomes for laparotomy vs. peritoneal drain as initial surgery for necrotizing enterocolitis in infants < 1000g birth weight. <i>Journal of Pediatric Surgery</i> , 2019, 54, 712-717.	0.8	10
31	Utility of echocardiography in predicting mortality in infants with severe bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2020, 40, 149-156.	0.9	10
32	Association Between the 7-Day Moving Average for Nutrition and Growth in Very Low Birth Weight Infants. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018, 42, 805-812.	1.3	9
33	Racial Disparities in Term Induction of Labor Rates in Illinois. <i>Medical Care</i> , 2008, 46, 900-904.	1.1	8
34	National trends and racial differences in late preterm induction. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 458.e1-458.e7.	0.7	8
35	Nutritional Practices and Growth in Premature Infants After Surgical Necrotizing Enterocolitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, 111-116.	0.9	8
36	Medical and surgical interventions and outcomes for infants with trisomy 18 (T18) or trisomy 13 (T13) at children's hospitals neonatal intensive care units (NICUs). <i>Journal of Perinatology</i> , 2021, 41, 1745-1754.	0.9	8

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37	Acquired Infection and Antimicrobial Utilization During Initial NICU Hospitalization in Infants With Congenital Diaphragmatic Hernia. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 469-474.	1.1	6
38	Small-for-Gestational Age Birth Confers Similar Educational Performance through Middle School. <i>Journal of Pediatrics</i> , 2019, 212, 159-165.e7.	0.9	6
39	Association of Neonatologist Continuity of Care and Short-Term Patient Outcomes. <i>Journal of Pediatrics</i> , 2019, 212, 131-136.e1.	0.9	6
40	Nutrition Interventions Associated With Favorable Growth in Infants With Congenital Diaphragmatic Hernia. <i>Nutrition in Clinical Practice</i> , 2021, 36, 406-413.	1.1	6
41	Machine learning mortality classification in clinical documentation with increased accuracy in visual-based analyses. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1346-1353.	0.7	5
42	Analgesia, Sedation, and Neuromuscular Blockade in Infants with Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2023, 40, 415-423.	0.6	5
43	Venovenous versus venoarterial extracorporeal membrane oxygenation among infants with hypoxic-ischemic encephalopathy: is there a difference in outcome?. <i>Journal of Perinatology</i> , 2021, 41, 1916-1923.	0.9	5
44	Association of time of first corticosteroid treatment with bronchopulmonary dysplasia in preterm infants. <i>Pediatric Pulmonology</i> , 2021, 56, 3283-3292.	1.0	5
45	Variation in Labor Induction over the Days of the Week. <i>American Journal of Perinatology</i> , 2014, 32, 107-112.	0.6	4
46	Predicting Risk of Infection in Infants with Congenital Diaphragmatic Hernia. <i>Journal of Pediatrics</i> , 2018, 203, 101-107.e2.	0.9	4
47	Low prevalence of clinical decision support to calculate caloric and fluid intake for infants in the neonatal intensive care unit. <i>Journal of Perinatology</i> , 2020, 40, 497-503.	0.9	4
48	Parenteral Nutrition Use and Associated Outcomes in a Select Cohort of Low Birth Weight Neonates. <i>American Journal of Perinatology</i> , 2014, 31, 933-938.	0.6	3
49	Increasing Incidence of the Neonatal Abstinence Syndrome in U.S. Neonatal ICUs. <i>Obstetrical and Gynecological Survey</i> , 2015, 70, 551-552.	0.2	3
50	Extracorporeal membrane oxygenation and bloodstream infection in congenital diaphragmatic hernia. <i>Journal of Perinatology</i> , 2019, 39, 1384-1391.	0.9	3
51	Parental Perspectives on Neonatologist Continuity of Care. <i>Advances in Neonatal Care</i> , 2021, 21, E162-E170.	0.5	3
52	Predicting treatment of pulmonary hypertension at discharge in infants with congenital diaphragmatic hernia. <i>Journal of Perinatology</i> , 2022, 42, 45-52.	0.9	3
53	Topics in Neonatal Informatics: Infants and Data in the Electronic Health Record Era. <i>NeoReviews</i> , 2013, 14, e57-e62.	0.4	2
54	Hospital of Delivery and the Racial Differences in Late Preterm and Early-Term Labor Induction. <i>American Journal of Perinatology</i> , 2015, 32, 952-959.	0.6	2

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55	Implications of continuity of care on infant caloric intake in the neonatal intensive care unit. Journal of Perinatology, 2020, 40, 1405-1411.	0.9	2
56	Central Line Utilization and Complications in Infants with Congenital Diaphragmatic Hernia. American Journal of Perinatology, 2022, 29, 1524-1532.	0.6	2
57	Chronic lung disease in full-term infants: Characteristics and neonatal intensive care outcomes in infants referred to children's hospitals. Pediatric Pulmonology, 2022, 57, 2082-2091.	1.0	2
58	Structured inpatient evaluation of neonatal cardiac ectopy. Journal of Perinatology, 2018, 38, 696-701.	0.9	1
59	Inter-center variation in autopsy practices among regional neonatal intensive care units (NICUs). Journal of Perinatology, 2021, 41, 2820-2825.	0.9	1
60	The association between pulmonary vascular disease and respiratory improvement in infants with type I severe bronchopulmonary dysplasia. Journal of Perinatology, 2022, , .	0.9	0