

Seetha Shankaran

List of Publications by Year in descending order

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200
papers

17,765
citations

25423

59
h-index

16791

127
g-index

213
all docs

213
docs citations

213
times ranked

12111
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Body Hypothermia for Neonates with Hypoxic-Ischemic Encephalopathy. New England Journal of Medicine, 2005, 353, 1574-1584.	13.9	2,498
2	Neonatal Outcomes of Extremely Preterm Infants From the NICHD Neonatal Research Network. Pediatrics, 2010, 126, 443-456.	1.0	2,252
3	Trends in Care Practices, Morbidity, and Mortality of Extremely Preterm Neonates, 1993-2012. JAMA - Journal of the American Medical Association, 2015, 314, 1039.	3.8	2,008
4	Childhood Outcomes after Hypothermia for Neonatal Encephalopathy. New England Journal of Medicine, 2012, 366, 2085-2092.	13.9	620
5	Therapeutic Hypothermia after Out-of-Hospital Cardiac Arrest in Children. New England Journal of Medicine, 2015, 372, 1898-1908.	13.9	371
6	The Maternal Lifestyle Study: Effects of Substance Exposure During Pregnancy on Neurodevelopmental Outcome in 1-Month-Old Infants. Pediatrics, 2002, 110, 1182-1192.	1.0	275
7	Chorioamnionitis and Early Childhood Outcomes Among Extremely Low-Gestational-Age Neonates. JAMA Pediatrics, 2014, 168, 137.	3.3	241
8	Therapeutic Hypothermia after In-Hospital Cardiac Arrest in Children. New England Journal of Medicine, 2017, 376, 318-329.	13.9	230
9	Whole-Body Hypothermia for Neonatal Encephalopathy: Animal Observations as a Basis for a Randomized, Controlled Pilot Study in Term Infants. Pediatrics, 2002, 110, 377-385.	1.0	223
10	Effect of Depth and Duration of Cooling on Deaths in the NICU Among Neonates With Hypoxic Ischemic Encephalopathy. JAMA - Journal of the American Medical Association, 2014, 312, 2629.	3.8	222
11	Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy. JAMA - Journal of the American Medical Association, 2017, 318, 1550.	3.8	212
12	Low Birth Weight and Preterm Births: Etiologic Fraction Attributable to Prenatal Drug Exposure. Journal of Perinatology, 2005, 25, 631-637.	0.9	200
13	The Maternal Lifestyle Study: Cognitive, Motor, and Behavioral Outcomes of Cocaine-Exposed and Opiate-Exposed Infants Through Three Years of Age. Pediatrics, 2004, 113, 1677-1685.	1.0	192
14	Acute neonatal morbidity and long-term central nervous system sequelae of perinatal asphyxia in term infants. Early Human Development, 1991, 25, 135-148.	0.8	190
15	Hypothermia and Other Treatment Options for Neonatal Encephalopathy: An Executive Summary of the Eunice Kennedy Shriver NICHD Workshop. Journal of Pediatrics, 2011, 159, 851-858.e1.	0.9	189
16	Effect of Depth and Duration of Cooling on Death or Disability at Age 18 Months Among Neonates With Hypoxic-Ischemic Encephalopathy. JAMA - Journal of the American Medical Association, 2017, 318, 57.	3.8	184
17	Elevated Temperature After Hypoxic-Ischemic Encephalopathy: Risk Factor for Adverse Outcomes. Pediatrics, 2008, 122, 491-499.	1.0	183
18	The Maternal Lifestyle Study: Drug exposure during pregnancy and short-term maternal outcomes. American Journal of Obstetrics and Gynecology, 2002, 186, 487-495.	0.7	175

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19	Hypothermia and perinatal asphyxia: Executive summary of the National Institute of Child Health and Human Development workshop. <i>Journal of Pediatrics</i> , 2006, 148, 170-175.e1.	0.9	173
20	Correction. <i>Archives of Disease in Childhood</i> , 2014, 99, 301.1-301.	1.0	162
21	Outcomes of Safety and Effectiveness in a Multicenter Randomized, Controlled Trial of Whole-Body Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2008, 122, e791-e798.	1.0	159
22	Acute Neonatal Effects of Cocaine Exposure During Pregnancy. <i>JAMA Pediatrics</i> , 2005, 159, 824.	3.6	156
23	Outcome of Term Infants Using Apgar Scores at 10 Minutes Following Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2009, 124, 1619-1626.	1.0	144
24	Magnetic resonance spectroscopy assessment of brain injury after moderate hypothermia in neonatal encephalopathy: a prospective multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 35-45.	4.9	140
25	Neonatal Magnetic Resonance Imaging Pattern of Brain Injury as a Biomarker of Childhood Outcomes following a Trial of Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2015, 167, 987-993.e3.	0.9	135
26	Short- and Long-Term Outcomes of Moderate and Late Preterm Infants. <i>American Journal of Perinatology</i> , 2016, 33, 305-317.	0.6	135
27	Effects of alcohol use, smoking, and illicit drug use on fetal growth in black infants. <i>Journal of Pediatrics</i> , 1994, 124, 757-764.	0.9	134
28	Hypocarbica and Adverse Outcome in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2011, 158, 752-758.e1.	0.9	134
29	Therapeutic Hypothermia for Neonatal Encephalopathy in Low- and Middle-Income Countries: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e58834.	1.1	128
30	Hypothermia for moderate or severe neonatal encephalopathy in low-income and middle-income countries (HELIX): a randomised controlled trial in India, Sri Lanka, and Bangladesh. <i>The Lancet Global Health</i> , 2021, 9, e1273-e1285.	2.9	122
31	Cognitive Outcomes After Neonatal Encephalopathy. <i>Pediatrics</i> , 2015, 135, e624-e634.	1.0	121
32	Developmental Outcomes of Very Preterm Infants with Tracheostomies. <i>Journal of Pediatrics</i> , 2014, 164, 1303-1310.e2.	0.9	119
33	Predicting Outcomes of Neonates Diagnosed With Hypoxemic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2006, 118, 2084-2093.	1.0	116
34	Cumulative Index of Exposure to Hypocarbica and Hyperoxia as Risk Factors for Periventricular Leukomalacia in Low Birth Weight Infants. <i>Pediatrics</i> , 2006, 118, 1654-1659.	1.0	115
35	Impact of maternal substance use during pregnancy on childhood outcome. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007, 12, 143-150.	1.1	111
36	Markers of Successful Extubation in Extremely Preterm Infants, and Morbidity After Failed Extubation. <i>Journal of Pediatrics</i> , 2017, 189, 113-119.e2.	0.9	109

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37	Therapeutic hypothermia in neonates. Review of current clinical data, ILCOR recommendations and suggestions for implementation in neonatal intensive care units. <i>Resuscitation</i> , 2008, 78, 7-12.	1.3	107
38	Evolution of Encephalopathy during Whole Body Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2012, 160, 567-572.e3.	0.9	105
39	Risk factors for early death among extremely low-birth-weight infants. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 796-802.	0.7	102
40	Clinical Seizures in Neonatal Hypoxic-Ischemic Encephalopathy Have No Independent Impact on Neurodevelopmental Outcome: Secondary Analyses of Data from the Neonatal Research Network Hypothermia Trial. <i>Journal of Child Neurology</i> , 2011, 26, 322-328.	0.7	98
41	Outcomes of Small for Gestational Age Infants Born at <27 Weeks' Gestation. <i>Journal of Pediatrics</i> , 2013, 163, 55-60.e3.	0.9	96
42	Gestational cocaine exposure and intrauterine growth: maternal lifestyle study*1. <i>Obstetrics and Gynecology</i> , 2002, 100, 916-924.	1.2	91
43	Predictive Value of an Early Amplitude Integrated Electroencephalogram and Neurologic Examination. <i>Pediatrics</i> , 2011, 128, e112-e120.	1.0	89
44	Outcomes in childhood following therapeutic hypothermia for neonatal hypoxic-ischemic encephalopathy (HIE). <i>Seminars in Perinatology</i> , 2016, 40, 549-555.	1.1	89
45	Prenatal and Perinatal Risk and Protective Factors for Neonatal Intracranial Hemorrhage. <i>JAMA Pediatrics</i> , 1996, 150, 491.	3.6	88
46	Neonatal Encephalopathy: Treatment with Hypothermia. <i>Journal of Neurotrauma</i> , 2009, 26, 437-443.	1.7	87
47	Association of Neurodevelopmental Outcomes and Neonatal Morbidities of Extremely Premature Infants With Differential Exposure to Antenatal Steroids. <i>JAMA Pediatrics</i> , 2016, 170, 1164.	3.3	86
48	Apgar scores at 10 min and outcomes at 6-7 years following hypoxic-ischaemic encephalopathy. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013, 98, F473-F479.	1.4	84
49	Prospective research in infants with mild encephalopathy identified in the first six hours of life: neurodevelopmental outcomes at 18-22 months. <i>Pediatric Research</i> , 2018, 84, 861-868.	1.1	83
50	Surgery and Neurodevelopmental Outcome of Very Low-Birth-Weight Infants. <i>JAMA Pediatrics</i> , 2014, 168, 746.	3.3	82
51	Admission Temperature and Associated Mortality and Morbidity among Moderately and Extremely Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 192, 53-59.e2.	0.9	82
52	Neurodevelopmental Outcomes of Preterm Infants With Retinopathy of Prematurity by Treatment. <i>Pediatrics</i> , 2019, 144, .	1.0	75
53	Outcome of extremely-low-birth-weight infants at highest risk: Gestational age ≥ 24 weeks, birth weight ≥ 750 g, and 1-minute Apgar ≥ 3 . <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 1084-1091.	0.7	73
54	Hypoxic-ischemic Encephalopathy and Novel Strategies for Neuroprotection. <i>Clinics in Perinatology</i> , 2012, 39, 919-929.	0.8	71

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55	Neonatal outcomes of moderately preterm infants compared to extremely preterm infants. <i>Pediatric Research</i> , 2017, 82, 297-304.	1.1	71
56	Association Between Patterns of Maternal Substance Use and Infant Birth Weight, Length, and Head Circumference. <i>Pediatrics</i> , 2004, 114, e226-e234.	1.0	70
57	Hypothermia for hypoxic-ischemic encephalopathy. <i>Expert Review of Obstetrics and Gynecology</i> , 2010, 5, 227-239.	0.4	69
58	Fetal Origin of Childhood Disease. <i>JAMA Pediatrics</i> , 2006, 160, 977-81.	3.6	68
59	Neurobehavioral Assessment Predicts Motor Outcome in Preterm Infants. <i>Journal of Pediatrics</i> , 2010, 156, 366-371.	0.9	68
60	Therapeutic Hypothermia for Neonatal Encephalopathy. <i>Current Treatment Options in Neurology</i> , 2012, 14, 608-619.	0.7	63
61	Initial Laparotomy Versus Peritoneal Drainage in Extremely Low Birthweight Infants With Surgical Necrotizing Enterocolitis or Isolated Intestinal Perforation. <i>Annals of Surgery</i> , 2021, 274, e370-e380.	2.1	62
62	Therapeutic hypothermia in mild neonatal encephalopathy: a national survey of practice in the UK. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F388-F390.	1.4	61
63	Blood Cytokine Profiles Associated with Distinct Patterns of Bronchopulmonary Dysplasia among Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2016, 174, 45-51.e5.	0.9	60
64	Outcome after posthemorrhagic ventriculomegaly in comparison with mild hemorrhage without ventriculomegaly. <i>Journal of Pediatrics</i> , 1989, 114, 109-114.	0.9	57
65	Racial/Ethnic Disparities Among Extremely Preterm Infants in the United States From 2002 to 2016. <i>JAMA Network Open</i> , 2020, 3, e206757.	2.8	56
66	PaCO ₂ in Surfactant, Positive Pressure, and Oxygenation Randomised Trial (SUPPORT). <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F145-F149.	1.4	52
67	Preterm Neuroimaging and School-Age Cognitive Outcomes. <i>Pediatrics</i> , 2018, 142, .	1.0	52
68	Aerosolized PGE1: A Selective Pulmonary Vasodilator in Neonatal Hypoxemic Respiratory Failure Results of a Phase I/II Open Label Clinical Trial. <i>Pediatric Research</i> , 2004, 56, 579-585.	1.1	51
69	Association of Antenatal Corticosteroids With Mortality, Morbidity, and Neurodevelopmental Outcomes in Extremely Preterm Multiple Gestation Infants. <i>JAMA Pediatrics</i> , 2016, 170, 593.	3.3	51
70	Neonatal Encephalopathy With Group B Streptococcal Disease Worldwide: Systematic Review, Investigator Group Datasets, and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2017, 65, S173-S189.	2.9	51
71	Pulmonary Hypertension Associated with Hypoxic-Ischemic Encephalopathy—Antecedent Characteristics and Comorbidities. <i>Journal of Pediatrics</i> , 2018, 196, 45-51.e3.	0.9	51
72	Therapeutic hypothermia for mild neonatal encephalopathy: a systematic review and meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 225-228.	1.4	51

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73	Maternal Race, Demography, and Health Care Disparities Impact Risk for Intraventricular Hemorrhage in Preterm Neonates. <i>Journal of Pediatrics</i> , 2014, 164, 1005-1011.e3.	0.9	49
74	Neurodevelopmental and Behavioral Outcomes in Extremely Premature Neonates With Ventriculomegaly in the Absence of Periventricular-Intraventricular Hemorrhage. <i>JAMA Pediatrics</i> , 2018, 172, 32.	3.3	46
75	Therapeutic Hypothermia. <i>Clinics in Perinatology</i> , 2018, 45, 241-255.	0.8	43
76	Temperature profile and outcomes of neonates undergoing whole body hypothermia for neonatal hypoxic-ischemic encephalopathy. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 53-59.	0.2	42
77	Elevated temperature and 6â€to 7â€year outcome of neonatal encephalopathy. <i>Annals of Neurology</i> , 2013, 73, 520-528.	2.8	41
78	Effect of inborn vs. outborn delivery on neurodevelopmental outcomes in infants with hypoxicâ€ischemic encephalopathy: secondary analyses of the NICHD whole-body cooling trial. <i>Pediatric Research</i> , 2012, 72, 414-419.	1.1	39
79	Outcomes of Hypoxic-Ischemic Encephalopathy in Neonates Treated with Hypothermia. <i>Clinics in Perinatology</i> , 2014, 41, 149-159.	0.8	39
80	Hypothermia for encephalopathy in low and middle-income countries (HELIX): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 432.	0.7	37
81	Acute Perinatal Sentinel Events, Neonatal Brain Injury Pattern, and Outcome of Infants Undergoing a Trial of Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2017, 180, 275-278.e2.	0.9	35
82	Delivery Room Resuscitation and Short-Term Outcomes in Moderately Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 195, 33-38.e2.	0.9	35
83	The postnatal management of the asphyxiated term infant. <i>Clinics in Perinatology</i> , 2002, 29, 675-692.	0.8	34
84	Summary Statistics of Neonatal Intensive Care Unit Network Neurobehavioral Scale Scores From the Maternal Lifestyle Study: A Quasinormative Sample. <i>Pediatrics</i> , 2004, 113, 668-675.	1.0	34
85	Screening Cranial Imaging at Multiple Time Points Improves Cystic Periventricular Leukomalacia Detection. <i>American Journal of Perinatology</i> , 2015, 32, 973-979.	0.6	33
86	Hypothermia as a Treatment for Birth Asphyxia. <i>Clinical Obstetrics and Gynecology</i> , 2007, 50, 624-635.	0.6	32
87	Genome-wide association study of sepsis in extremely premature infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F439-F445.	1.4	32
88	Therapeutic hypothermia initiated within 6 hours of birth is associated with reduced brain injury on MR biomarkers in mild hypoxic-ischaemic encephalopathy: a non-randomised cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F515-F520.	1.4	32
89	Hypothermia: An Evolving Treatment for Neonatal Hypoxic Ischemic Encephalopathy. <i>Pediatrics</i> , 2008, 121, 648-649.	1.0	31
90	Adenosine Infusion Improves Oxygenation in Term Infants With Respiratory Failure. <i>Pediatrics</i> , 1996, 97, 295-300.	1.0	31

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91	Risk for obesity in adolescence starts in early childhood. <i>Journal of Perinatology</i> , 2011, 31, 711-716.	0.9	29
92	Functional status at 18 months of age as a predictor of childhood disability after neonatal hypoxic-ischemic encephalopathy. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 1052-1058.	1.1	29
93	Association between sedation/analgesia and neurodevelopment outcomes in neonatal hypoxic-ischemic encephalopathy. <i>Journal of Perinatology</i> , 2018, 38, 1060-1067.	0.9	29
94	Therapeutic hypothermia for neonatal encephalopathy. <i>Current Opinion in Pediatrics</i> , 2015, 27, 152-157.	1.0	28
95	Impact of Interhospital Transport on the Physiologic Status of Very Low-Birth-Weight Infants. <i>American Journal of Perinatology</i> , 2014, 31, 237-244.	0.6	27
96	Death or Neurodevelopmental Impairment at 18 to 22 Months Corrected Age in a Randomized Trial of Early Dexamethasone to Prevent Death or Chronic Lung Disease in Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2014, 164, 34-39.e2.	0.9	27
97	Antenatal magnesium sulfate exposure and acute cardiorespiratory events in preterm infants. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 94.e1-94.e7.	0.7	27
98	Outcomes of Extremely Preterm Infants Born to Insulin-Dependent Diabetic Mothers. <i>Pediatrics</i> , 2016, 137, .	1.0	27
99	Inadequate oral feeding as a barrier to discharge in moderately preterm infants. <i>Journal of Perinatology</i> , 2019, 39, 1219-1228.	0.9	27
100	Hypothermia for encephalopathy in low-income and middle-income countries: feasibility of whole-body cooling using a low-cost servo-controlled device. <i>BMJ Paediatrics Open</i> , 2018, 2, e000245.	0.6	26
101	Residual brain injury after early discontinuation of cooling therapy in mild neonatal encephalopathy. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F383-F387.	1.4	26
102	Effects of Myo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants <28 Weeks&sup>™&sup> Gestational Age. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1649.	3.8	26
103	Neonatal Encephalopathic Cerebral Injury in South India Assessed by Perinatal Magnetic Resonance Biomarkers and Early Childhood Neurodevelopmental Outcome. <i>PLoS ONE</i> , 2014, 9, e87874.	1.1	26
104	Mothers' Reports of Their Low Birth Weight Infants' Subsequent Development on the Minnesota Child Development Inventory. <i>Journal of Pediatric Psychology</i> , 1980, 5, 353-364.	1.1	25
105	Prevention, Diagnosis, and Treatment of Cerebral Palsy in Near-term and Term Infants. <i>Clinical Obstetrics and Gynecology</i> , 2008, 51, 829-839.	0.6	25
106	Outcomes of extremely low birthweight infants with acidosis at birth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F263-F268.	1.4	25
107	Hypothermia for neonatal hypoxic-ischemic encephalopathy: NICHD Neonatal Research Network contribution to the field. <i>Seminars in Perinatology</i> , 2016, 40, 385-390.	1.1	25
108	Early caregiving stress exposure moderates the relation between respiratory sinus arrhythmia reactivity at 1 month and biobehavioral outcomes at age 3. <i>Psychophysiology</i> , 2016, 53, 83-96.	1.2	25

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109	Infants'™ early visual attention and social engagement as developmental precursors to joint attention.. <i>Developmental Psychology</i> , 2016, 52, 1721-1731.	1.2	25
110	Rise and Fall of Therapeutic Hypothermia in Low-Resource Settings: Lessons from the HELIX Trial. <i>Indian Journal of Pediatrics</i> , 2021, , 1.	0.3	25
111	Changes in Amplitude-integrated Electroencephalography in Neonates Treated with Extracorporeal Membrane Oxygenation: A Pilot Study. <i>Journal of Pediatrics</i> , 2006, 148, 125-127.	0.9	23
112	Cerebral Palsy and Growth Failure at 6 to 7 Years. <i>Pediatrics</i> , 2013, 132, e905-e914.	1.0	23
113	Outcomes from infancy to adulthood after assisted reproductive technology. <i>Fertility and Sterility</i> , 2014, 101, 1217-1221.	0.5	23
114	Association between Urinary Lactate to Creatinine Ratio and Neurodevelopmental Outcome in Term Infants with Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2008, 153, 375-378.e2.	0.9	22
115	Changes in the PQRST Intervals and Heart Rate Variability Associated with Rewarming in Two Newborns Undergoing Hypothermia Therapy. <i>Neonatology</i> , 2009, 96, 93-95.	0.9	22
116	Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support. <i>Journal of Pediatrics</i> , 2017, 190, 118-123.e4.	0.9	22
117	Phenobarbital and Temperature Profile During Hypothermia for Hypoxic-Ischemic Encephalopathy. <i>Journal of Child Neurology</i> , 2012, 27, 451-457.	0.7	21
118	Pharmacokinetics and safety of a single intravenous dose of myo-inositol in preterm infants of 23-29 wk. <i>Pediatric Research</i> , 2013, 74, 721-729.	1.1	21
119	Inhaled PGE1 in neonates with hypoxemic respiratory failure: two pilot feasibility randomized clinical trials. <i>Trials</i> , 2014, 15, 486.	0.7	21
120	Therapeutic hypothermia for neonatal encephalopathy in Indian neonatal units: A survey of national practices. <i>Indian Pediatrics</i> , 2017, 54, 969-970.	0.2	21
121	Outcomes Following Post-Hemorrhagic Ventricular Dilatation among Infants of Extremely Low Gestational Age. <i>Journal of Pediatrics</i> , 2020, 226, 36-44.e3.	0.9	21
122	Hypothermia for hypoxic ischemic encephalopathy in infants ≤ 36weeks. <i>Early Human Development</i> , 2009, 85, S49-S52.	0.8	20
123	Magnetic Resonance Biomarkers in Neonatal Encephalopathy (MARBLE): a prospective multicountry study. <i>BMJ Open</i> , 2015, 5, e008912.	0.8	20
124	Safety and pharmacokinetics of multiple dose myo-inositol in preterm infants. <i>Pediatric Research</i> , 2016, 80, 209-217.	1.1	20
125	Outcome of Preterm Infants with Transient Cystic Periventricular Leukomalacia on Serial Cranial Imaging Up to Term Equivalent Age. <i>Journal of Pediatrics</i> , 2018, 195, 59-65.e3.	0.9	20
126	Preemptive Morphine During Therapeutic Hypothermia After Neonatal Encephalopathy: A Secondary Analysis. <i>Therapeutic Hypothermia and Temperature Management</i> , 2020, 10, 45-52.	0.3	19

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127	Prenatal cocaine exposure and childhood obesity at nine years. <i>Neurotoxicology and Teratology</i> , 2011, 33, 188-197.	1.2	18
128	Discordance in Antenatal Corticosteroid Use and Resuscitation Following Extremely Preterm Birth. <i>Journal of Pediatrics</i> , 2019, 208, 156-162.e5.	0.9	18
129	Prenatal cocaine exposure and BMI and blood pressure at 9 years of age. <i>Journal of Hypertension</i> , 2010, 28, 1166-1175.	0.3	18
130	Challenge of conducting trials of neuroprotection in the asphyxiated term infant. <i>Seminars in Perinatology</i> , 2003, 27, 320-332.	1.1	17
131	Long-Term Impact of Maternal Substance Use During Pregnancy and Extrauterine Environmental Adversity: Stress Hormone Levels of Preadolescent Children. <i>Pediatric Research</i> , 2011, 70, 213-219.	1.1	17
132	Hypothermia: Novel approaches for premature infants. <i>Early Human Development</i> , 2011, 87, S17-S18.	0.8	17
133	Adrenal function links to early postnatal growth and blood pressure at age 6 in children born extremely preterm. <i>Pediatric Research</i> , 2019, 86, 339-347.	1.1	17
134	Transcriptomics of Maternal and Fetal Membranes Can Discriminate between Gestational-Age Matched Preterm Neonates with and without Cognitive Impairment Diagnosed at 18-24 Months. <i>PLoS ONE</i> , 2015, 10, e0118573.	1.1	16
135	Weaning of Moderately Preterm Infants from the Incubator to the Crib: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2019, 204, 96-102.e4.	0.9	16
136	Genetic variants associated with patent ductus arteriosus in extremely preterm infants. <i>Journal of Perinatology</i> , 2019, 39, 401-408.	0.9	16
137	Need for more evidence in the prevention and management of perinatal asphyxia and neonatal encephalopathy in low and middle-income countries: A call for action. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101271.	1.1	16
138	Advantages of Bayesian monitoring methods in deciding whether and when to stop a clinical trial: an example of a neonatal cooling trial. <i>Trials</i> , 2016, 17, 335.	0.7	15
139	Whole Blood Gene Expression Reveals Specific Transcriptome Changes in Neonatal Encephalopathy. <i>Neonatology</i> , 2019, 115, 68-76.	0.9	15
140	Association Between Increased Seizures During Rewarming After Hypothermia for Neonatal Hypoxic Ischemic Encephalopathy and Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up. <i>JAMA Neurology</i> , 2021, 78, 1484.	4.5	15
141	Brain Sonography, Computed Tomography, and Single-Photon Emission Computed Tomography in Term Neonates with Perinatal Asphyxia. <i>Clinics in Perinatology</i> , 1993, 20, 379-394.	0.8	14
142	Temperature Control During Therapeutic Hypothermia for Newborn Encephalopathy Using Different Blanketrol Devices. <i>Therapeutic Hypothermia and Temperature Management</i> , 2014, 4, 193-200.	0.3	14
143	The contributions of early adverse experiences and trajectories of respiratory sinus arrhythmia on the development of neurobehavioral disinhibition among children with prenatal substance exposure. <i>Development and Psychopathology</i> , 2014, 26, 901-916.	1.4	14
144	Effects of Hypoxic-Ischemic Encephalopathy and Whole-Body Hypothermia on Neonatal Auditory Function: A Pilot Study. <i>American Journal of Perinatology</i> , 2008, 25, 435-441.	0.6	13

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145	Hypothermia for Perinatal Asphyxial Encephalopathy. <i>New England Journal of Medicine</i> , 2010, 362, 1051-1052.	13.9	13
146	Is It Time for a Randomized Controlled Trial of Hypothermia for Mild Hypoxic-Ischemic Encephalopathy?. <i>Journal of Pediatrics</i> , 2020, 220, 241-244.	0.9	13
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