

Amit M Mathur

List of Publications by Year in descending order

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44
papers

1,833
citations

430874

18
h-index

276875

41
g-index

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docs citations

44
times ranked

2169
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in Brain Structure and Neurodevelopmental Outcome in Preterm Infants Hospitalized in Different Neonatal Intensive Care Unit Environments. <i>Journal of Pediatrics</i> , 2014, 164, 52-60.e2.	1.8	279
2	Transport, monitoring, and successful brain MR imaging in unседated neonates. <i>Pediatric Radiology</i> , 2008, 38, 260-264.	2.0	175
3	Treating EEG Seizures in Hypoxic Ischemic Encephalopathy: A Randomized Controlled Trial. <i>Pediatrics</i> , 2015, 136, e1302-e1309.	2.1	129
4	Therapeutic Hypothermia in Neonatal Hypoxic Ischemic Encephalopathy: Electrographic Seizures and Magnetic Resonance Imaging Evidence of Injury. <i>Journal of Pediatrics</i> , 2013, 163, 465-470.	1.8	117
5	Understanding Brain Injury and Neurodevelopmental Disabilities in the Preterm Infant: The Evolving Role of Advanced Magnetic Resonance Imaging. <i>Seminars in Perinatology</i> , 2010, 34, 57-66.	2.5	92
6	Right Ventricular Function in Preterm and Term Neonates: Reference Values for Right Ventricle Areas and Fractional Area of Change. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 559-569.	2.8	92
7	Safety and Short-Term Outcomes of Therapeutic Hypothermia in Preterm Neonates 34-35 Weeks Gestational Age with Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2017, 183, 37-42.	1.8	88
8	Early electrographic seizures, brain injury, and neurodevelopmental risk in the very preterm infant. <i>Pediatric Research</i> , 2014, 75, 564-569.	2.3	83
9	A validated clinical MRI injury scoring system in neonatal hypoxic-ischemic encephalopathy. <i>Pediatric Radiology</i> , 2017, 47, 1491-1499.	2.0	80
10	Cerebral Autoregulation, Brain Injury, and the Transitioning Premature Infant. <i>Frontiers in Pediatrics</i> , 2017, 5, 64.	1.9	76
11	Auditory Exposure in the Neonatal Intensive Care Unit: Room Type and Other Predictors. <i>Journal of Pediatrics</i> , 2017, 183, 56-66.e3.	1.8	61
12	Magnetic resonance imagingâ€”Insights into brain injury and outcomes in premature infants. <i>Journal of Communication Disorders</i> , 2009, 42, 248-255.	1.5	59
13	Early red cell transfusion is associated with development of severe retinopathy of prematurity. <i>Journal of Perinatology</i> , 2019, 39, 393-400.	2.0	58
14	A novel method for assessing cerebral autoregulation in preterm infants using transfer function analysis. <i>Pediatric Research</i> , 2016, 79, 453-459.	2.3	40
15	Early High-Dose Caffeine Increases Seizure Burden in Extremely Preterm Neonates: A Preliminary Study. <i>Journal of Caffeine Research</i> , 2016, 6, 101-107.	0.9	39
16	Re-examining the arterial cord blood gas pH screening criteria in neonatal encephalopathy. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F377-F382.	2.8	26
17	Blood pressure extremes and severe IVH in preterm infants. <i>Pediatric Research</i> , 2020, 87, 69-73.	2.3	25
18	Anemia of prematurity and cerebral near-infrared spectroscopy: should transfusion thresholds in preterm infants be revised?. <i>Journal of Perinatology</i> , 2018, 38, 1022-1029.	2.0	23

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19	Early hypoxemia burden is strongly associated with severe intracranial hemorrhage in preterm infants. <i>Journal of Perinatology</i> , 2019, 39, 48-53.	2.0	23
20	Prediction of Neonatal Seizures in Hypoxic-Ischemic Encephalopathy Using Electroencephalograph Power Analyses. <i>Pediatric Neurology</i> , 2017, 67, 64-70.e2.	2.1	19
21	Anemia of prematurity: how low is too low?. <i>Journal of Perinatology</i> , 2021, 41, 1244-1257.	2.0	19
22	Acute and Chronic Placental Abnormalities in a Multicenter Cohort of Newborn Infants with Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2021, 237, 190-196.	1.8	19
23	Extremely Preterm Infant Admissions Within the SafeBoosC-III Consortium During the COVID-19 Lockdown. <i>Frontiers in Pediatrics</i> , 2021, 9, 647880.	1.9	18
24	Head Position Change Is Not Associated with Acute Changes in Bilateral Cerebral Oxygenation in Stable Preterm Infants during the First 3 Days of Life. <i>American Journal of Perinatology</i> , 2015, 32, 645-652.	1.4	17
25	Predictors of mortality for preterm infants with intraventricular hemorrhage: a population-based study. <i>Child's Nervous System</i> , 2018, 34, 2203-2213.	1.1	17
26	Delayed cord clamping is associated with improved dynamic cerebral autoregulation and decreased incidence of intraventricular hemorrhage in preterm infants. <i>Journal of Applied Physiology</i> , 2019, 127, 103-110.	2.5	15
27	Gestational age-dependent relationship between cerebral oxygen extraction and blood pressure. <i>Pediatric Research</i> , 2017, 82, 934-939.	2.3	14
28	Term-equivalent functional brain maturational measures predict neurodevelopmental outcomes in premature infants. <i>Early Human Development</i> , 2018, 119, 68-72.	1.8	13
29	Parental Enrollment Decision-Making for a Neonatal Clinical Trial. <i>Journal of Pediatrics</i> , 2021, 239, 143-149.e3.	1.8	13
30	Progressive anemia of prematurity is associated with a critical increase in cerebral oxygen extraction. <i>Early Human Development</i> , 2020, 140, 104891.	1.8	12
31	Mild hypoxic-ischemic encephalopathy (HIE): timing and pattern of MRI brain injury. <i>Pediatric Research</i> , 2022, 92, 1731-1736.	2.3	12
32	Long term electroencephalography in preterm neonates: Safety and quality of electrode types. <i>Clinical Neurophysiology</i> , 2018, 129, 1366-1371.	1.5	11
33	Management of seizures in neonates with neonatal encephalopathy treated with hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101279.	2.3	11
34	Dried blood spot compared to plasma measurements of blood-based biomarkers of brain injury in neonatal encephalopathy. <i>Pediatric Research</i> , 2019, 85, 655-661.	2.3	9
35	Time-to-event analysis of surgically treated posthemorrhagic hydrocephalus in preterm infants: a single-institution retrospective study. <i>Child's Nervous System</i> , 2017, 33, 1917-1926.	1.1	8
36	WU-NEAT: A clinically validated, open-source MATLAB toolbox for limited-channel neonatal EEG analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105716.	4.7	8

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37	Delayed cord clamping and inotrope use in preterm infants. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 1327-1334.	1.5	7
38	Mothers' Risk for Experiencing Neonatal and Under-Five Child Deaths in Nepal: The Role of Empowerment. Global Social Welfare, 2017, 4, 105-115.	1.9	6
39	Decreasing Unplanned Extubation in the Neonatal ICU With a Focus on Endotracheal Tube Tip Position. Respiratory Care, 2020, 65, 1648-1654.	1.6	6
40	Divergent risk factors for cerebellar and intraventricular hemorrhage. Journal of Perinatology, 2018, 38, 278-284.	2.0	5
41	Low-frequency blood pressure oscillations and inotrope treatment failure in premature infants. Journal of Applied Physiology, 2017, 123, 55-61.	2.5	4
42	In-home Smoking in Households with Women of Reproductive Age in Nepal: Does Women's Empowerment Matter?. Health and Social Work, 2017, 42, 32-40.	1.0	3
43	Cerebellar hemorrhage: a 10-year evaluation of risk factors. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 3680-3688.	1.5	1
44	An Amplitude Integrated EEG Evaluation of Neonatal Opioid Withdrawal Syndrome. American Journal of Perinatology, 0, , .	1.4	1