

Nathalie Maitre

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

3,894
citations

159585

30
h-index

144013

57
g-index

108
all docs

108
docs citations

108
times ranked

3531
citing authors

#	ARTICLE	IF	CITATIONS
1	Stakeholder engagement in neonatal clinical trials: an opportunity for mild neonatal encephalopathy research. <i>Pediatric Research</i> , 2023, 93, 4-6.	2.3	1
2	Continuous epidural chloroprocaine after abdominal surgery is associated with lower postoperative opioid exposure in NICU infants. <i>Journal of Pediatric Surgery</i> , 2022, 57, 683-689.	1.6	6
3	Intrauterine drug exposure as a risk factor for cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 453-461.	2.1	3
4	Randomized Trial to Increase Speech Sound Differentiation in Infants Born Preterm. <i>Journal of Pediatrics</i> , 2022, 241, 103-108.e3.	1.8	2
5	“High-risk for cerebral palsy” designation: A clinical consensus statement. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2022, 15, 165-174.	0.5	3
6	Hydrocortisone to Improve Survival without Bronchopulmonary Dysplasia. <i>New England Journal of Medicine</i> , 2022, 386, 1121-1131.	27.0	62
7	School Readiness in 4-Year-Old Very Preterm Children. <i>Children</i> , 2022, 9, 323.	1.5	4
8	Use of Antenatal Corticosteroids for Risk of Preterm Birth—Is Timing Everything?. <i>JAMA Pediatrics</i> , 2022, , e220480.	6.2	1
9	Mortality, In-Hospital Morbidity, Care Practices, and 2-Year Outcomes for Extremely Preterm Infants in the US, 2013-2018. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 248.	7.4	222
10	One-Year Neurodevelopmental Outcomes After Neonatal Opioid Withdrawal Syndrome: A Prospective Cohort Study. <i>Perspectives of the ASHA Special Interest Groups</i> , 2022, 7, 1019-1032.	0.8	2
11	Resilience and vulnerability in very preterm 4-year-olds. <i>Clinical Neuropsychologist</i> , 2021, 35, 904-924.	2.3	10
12	Perspectives from the Society for Pediatric Research. Neonatal encephalopathy clinical trials: developing the future. <i>Pediatric Research</i> , 2021, 89, 74-84.	2.3	14
13	Assessments and Interventions for Sleep Disorders in Infants With or at High Risk for Cerebral Palsy: A Systematic Review. <i>Pediatric Neurology</i> , 2021, 118, 57-71.	2.1	8
14	Assessments and Interventions for Spasticity in Infants With or at High Risk for Cerebral Palsy: A Systematic Review. <i>Pediatric Neurology</i> , 2021, 118, 72-90.	2.1	12
15	Regional anesthesia in neonates and infants outside the immediate perioperative period: A systematic review of studies with efficacy and safety considerations. <i>Paediatric Anaesthesia</i> , 2021, 31, 132-144.	1.1	3
16	Outcomes in infants < 29 weeks of gestation following single-dose prophylactic indomethacin. <i>Journal of Perinatology</i> , 2021, 41, 109-118.	2.0	9
17	Sleep, cognition and executive functioning in young children with cerebral palsy. <i>Advances in Child Development and Behavior</i> , 2021, 60, 285-314.	1.3	2
18	Deep Medullary Vein White Matter Injury Global Severity Score Predicts Neurodevelopmental Impairment. <i>Journal of Child Neurology</i> , 2021, 36, 253-261.	1.4	6

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19	Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. <i>Journal of Perinatology</i> , 2021, 41, 2072-2087.	2.0	2
20	A Systematic Review of Assessments and Interventions for Chronic Pain in Young Children With or at High Risk for Cerebral Palsy. <i>Journal of Child Neurology</i> , 2021, 36, 697-710.	1.4	5
21	Hearing Loss Diagnosis and Early Hearing-Related Interventions in Infants With or at High Risk for Cerebral Palsy: A Systematic Review. <i>Journal of Child Neurology</i> , 2021, 36, 919-929.	1.4	2
22	Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy. <i>JAMA Pediatrics</i> , 2021, 175, 846.	6.2	147
23	Standardized Neurodevelopmental Surveillance of High-risk Infants Using Telehealth: Implementation Study during COVID-19. <i>Pediatric Quality & Safety</i> , 2021, 6, e439.	0.8	17
24	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.	4.2	62
25	Neurological and developmental outcomes following neonatal encephalopathy treated with therapeutic hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101274.	2.3	13
26	Predictors of Neurodevelopmental Impairment After Neonatal Bacterial Meningitis. <i>Journal of Child Neurology</i> , 2021, 36, 968-973.	1.4	4
27	Hammersmith Infant Neurological Examination Clinical Use to Recommend Therapist Assessment of Functional Hand Asymmetries. <i>Pediatric Physical Therapy</i> , 2021, 33, 200-206.	0.6	3
28	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
29	Predictive Models of Neurodevelopmental Outcomes After Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2021, 147, .	2.1	24
30	Impact of the Coronavirus Pandemic on High-Risk Infant Follow-Up (HRIF) Programs: A Survey of Academic Programs. <i>Children</i> , 2021, 8, 889.	1.5	1
31	The Autism Detection in Early Childhood Tool: Level 2 autism spectrum disorder screening in a NICU Follow-up program. , 2021, 65, 101650.		2
32	Cerebral perfusion and neurological examination characterise neonatal opioid withdrawal syndrome: a prospective cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, , fetalneonatal-2021-322192.	2.8	2
33	Effects of two non-invasive continuous positive pressure devices on the acoustic environment of preterm infants. <i>Journal of Neonatal Nursing</i> , 2020, 26, 167-170.	0.7	1
34	Protocol and Feasibility-Randomized Trial of Telehealth Delivery for a Multicomponent Upper Extremity Intervention in Infants With Asymmetric Cerebral Palsy. <i>Child Neurology Open</i> , 2020, 7, 2329048X2094621.	1.1	9
35	Music therapy for neonatal stress and pain—music to our ears. <i>Journal of Perinatology</i> , 2020, 40, 1734-1735.	2.0	4
36	Kinematic and Somatosensory Gains in Infants with Cerebral Palsy After a Multi-Component Upper-Extremity Intervention: A Randomized Controlled Trial. <i>Brain Topography</i> , 2020, 33, 751-766.	1.8	22

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37	Neonatal Multisensory Processing in Preterm and Term Infants Predicts Sensory Reactivity and Internalizing Tendencies in Early Childhood. <i>Brain Topography</i> , 2020, 33, 586-599.	1.8	21
38	Caregiver perception of hand function in infants with cerebral palsy: psychometric properties of the Infant Motor Activity Log. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1266-1273.	2.1	5
39	Electrophysiological Maturation of Cerebral Organoids Correlates with Dynamic Morphological and Cellular Development. <i>Stem Cell Reports</i> , 2020, 15, 855-868.	4.8	94
40	Prenatal Exposures Are Associated With Worse Neurodevelopmental Outcomes in Infants With Neonatal Opioid Withdrawal Syndrome. <i>Frontiers in Pediatrics</i> , 2020, 8, 462.	1.9	18
41	Hand Function at 18-22 Months Is Associated with School-Age Manual Dexterity and Motor Performance in Children Born Extremely Preterm. <i>Journal of Pediatrics</i> , 2020, 225, 51-57.e3.	1.8	3
42	Network Implementation of Guideline for Early Detection Decreases Age at Cerebral Palsy Diagnosis. <i>Pediatrics</i> , 2020, 145, e20192126.	2.1	60
43	Characteristics of the Frequency-Following Response to Speech in Neonates and Potential Applicability in Clinical Practice: A Systematic Review. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 1618-1635.	1.6	9
44	Navigating success for early stage investigators – practical words of advice. <i>Pediatric Research</i> , 2020, , .	2.3	0
45	Comparing parent and provider priorities in discussions of early detection and intervention for infants with and at risk of cerebral palsy. <i>Child: Care, Health and Development</i> , 2019, 45, 799-807.	1.7	37
46	Early prediction of spontaneous Patent Ductus Arteriosus (PDA) closure and PDA-associated outcomes: a prospective cohort investigation. <i>BMC Pediatrics</i> , 2019, 19, 333.	1.7	26
47	MR Imaging Scoring System for White Matter Injury after Deep Medullary Vein Thrombosis and Infarction in Neonates. <i>American Journal of Neuroradiology</i> , 2019, 40, 347-352.	2.4	10
48	Randomized controlled trial protocol to improve multisensory neural processing, language and motor outcomes in preterm infants. <i>BMC Pediatrics</i> , 2019, 19, 81.	1.7	28
49	Modeling Human Brain Circuitry Using Pluripotent Stem Cell Platforms. <i>Frontiers in Pediatrics</i> , 2019, 7, 57.	1.9	20
50	Respiratory Medications in Infants <29 Weeks during the First Year Postdischarge: The Prematurity and Respiratory Outcomes Program (PROP) Consortium. <i>Journal of Pediatrics</i> , 2019, 208, 148-155.e3.	1.8	31
51	Standardized music therapy with and without acclimatization, to improve EEG data acquisition in young children with and without disability. <i>Journal of Neuroscience Methods</i> , 2019, 321, 12-19.	2.5	5
52	Parenting style associations with sensory threshold and behaviour: a prospective cohort study in term/preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1616-1623.	1.5	8
53	Gabapentin Use for Hospitalized Neonates. <i>Pediatric Neurology</i> , 2019, 97, 64-70.	2.1	11
54	Daily and Weekly Rehabilitation Delivery for Young Children With Gross Motor Delay: A Randomized Clinical Trial Protocol (the DRIVE Study). <i>Pediatric Physical Therapy</i> , 2019, 31, 217-224.	0.6	5

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55	Black Race Is Associated with a Lower Risk of Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2019, 207, 130-135.e2.	1.8	42
56	Behavioral and Physiological Signs for Pain Assessment in Preterm and Term Neonates During a Nociception-Specific Response: A Systematic Review. <i>Pediatric Neurology</i> , 2019, 90, 13-23.	2.1	41
57	A randomised controlled trial of protocolised music therapy demonstrates developmental milestone acquisition in hospitalised infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 828-834.	1.5	13
58	Comparison of Cerebral Palsy Severity Between 2 Eras of Antenatal Magnesium Use. <i>JAMA Pediatrics</i> , 2019, 173, 188.	6.2	7
59	Skepticism, cerebral palsy, and the General Movements Assessment. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 438-438.	2.1	6
60	Parenting style impacts cognitive and behavioural outcomes of former preterm infants: A systematic review. <i>Child: Care, Health and Development</i> , 2018, 44, 507-515.	1.7	58
61	Feasibility of event-related potential (ERP) biomarker use to study effects of mother's voice exposure on speech sound differentiation of preterm infants. <i>Developmental Neuropsychology</i> , 2018, 43, 123-134.	1.4	12
62	Acute Responses to Diuretic Therapy in Extremely Low Gestational Age Newborns: Results from the Prematurity and Respiratory Outcomes Program Cohort Study. <i>Journal of Pediatrics</i> , 2018, 197, 42-47.e1.	1.8	30
63	Pulmonary sequelae and functional limitations in children and adults with bronchopulmonary dysplasia. <i>Paediatric Respiratory Reviews</i> , 2018, 26, 55-59.	1.8	30
64	Pulmonary hypertension in the premature infant population: Analysis of echocardiographic findings and biomarkers. <i>Pediatric Pulmonology</i> , 2018, 53, 302-309.	2.0	16
65	Somatosensory Plasticity in Pediatric Cerebral Palsy following Constraint-Induced Movement Therapy. <i>Neural Plasticity</i> , 2018, 2018, 1-14.	2.2	27
66	Hammersmith Infant Neurological Examination Asymmetry Score Distinguishes Hemiplegic Cerebral Palsy From Typical Development. <i>Pediatric Neurology</i> , 2018, 87, 70-74.	2.1	35
67	Cry presence and amplitude do not reflect cortical processing of painful stimuli in newborns with distinct responses to touch or cold. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F428-F433.	2.8	21
68	Speech and language interventions for infants aged 0 to 2 years at high risk for cerebral palsy: a systematic review. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 355-360.	2.1	17
69	Bronchopulmonary Dysplasia and Perinatal Characteristics Predict 1-Year Respiratory Outcomes in Newborns Born at Extremely Low Gestational Age: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2017, 187, 89-97.e3.	1.8	158
70	A parent-infant music therapy intervention to improve neurodevelopment after neonatal intensive care. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1703-1704.	1.5	8
71	Neonatal Vein of Labbe Infarction Size is Associated With Long-Term Language Outcomes. <i>Pediatric Neurology</i> , 2017, 72, 70-75.e1.	2.1	5
72	The Dual Nature of Early-Life Experience on Somatosensory Processing in the Human Infant Brain. <i>Current Biology</i> , 2017, 27, 1048-1054.	3.9	138

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73	Implementation of Early Diagnosis and Intervention Guidelines for Cerebral Palsy in a High-Risk Infant Follow-Up Clinic. <i>Pediatric Neurology</i> , 2017, 76, 66-71.	2.1	77
74	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. <i>JAMA Pediatrics</i> , 2017, 171, 897.	6.2	898
75	Vision Assessments and Interventions for Infants 0-2 Years at High Risk for Cerebral Palsy: A Systematic Review. <i>Pediatric Neurology</i> , 2017, 76, 3-13.	2.1	32
76	Human metapneumovirus in the preterm neonate: current perspectives. <i>Research and Reports in Neonatology</i> , 2016, Volume 6, 41-49.	0.2	6
77	Implementation of the Hammersmith Infant Neurological Examination in a High-Risk Infant Follow-Up Program. <i>Pediatric Neurology</i> , 2016, 65, 31-38.	2.1	54
78	Increasing F2-isoprostanes in the first month after birth predicts poor respiratory and neurodevelopmental outcomes in very preterm infants. <i>Journal of Perinatology</i> , 2016, 36, 779-783.	2.0	20
79	Stronger and More Vulnerable: A Balanced View of the Impacts of the NICU Experience on Parents. <i>Pediatrics</i> , 2016, 138, .	2.1	58
80	Feasibility of a Team Approach to Complex Congenital Heart Defect Neurodevelopmental Follow-Up. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 432-440.	2.2	21
81	Early childhood constraint therapy for sensory/motor impairment in cerebral palsy: a randomised clinical trial protocol. <i>BMJ Open</i> , 2015, 5, e010212.	1.9	23
82	Feeding outcomes and parent perceptions after the pacifier-activated music player with mother's voice trial. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, e372-4.	1.5	9
83	Neurorehabilitation after neonatal intensive care: evidence and challenges. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F534-F540.	2.8	34
84	Prematurity and respiratory outcomes program (PROP): study protocol of a prospective multicenter study of respiratory outcomes of preterm infants in the United States. <i>BMC Pediatrics</i> , 2015, 15, 37.	1.7	76
85	Neonatal carotid repair at ECMO decannulation: patency rates and early neurologic outcomes. <i>Journal of Pediatric Surgery</i> , 2015, 50, 64-68.	1.6	29
86	Respiratory consequences of prematurity: evolution of a diagnosis and development of a comprehensive approach. <i>Journal of Perinatology</i> , 2015, 35, 313-321.	2.0	80
87	Parenteral Nutrition as an Unexpected and Preventable Source of Mercury Exposure in Preterm Infants. <i>Journal of Pediatrics</i> , 2015, 166, 1533-1535.	1.8	4
88	Neuroimaging identifies increased manganese deposition in infants receiving parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1482-1489.	4.7	49
89	ISDN2014_0275: REMOVED: Multisensory processing in immature brains: ERP evidence of distinct auditory-somatosensory integration patterns in preterm and newborn infants. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 81-81.	1.6	0
90	Effects of Caffeine Treatment for Apnea of Prematurity on Cortical Speech-Sound Differentiation in Preterm Infants. <i>Journal of Child Neurology</i> , 2015, 30, 307-313.	1.4	15

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91	Quantitative Assessment of Cortical Auditory-tactile Processing in Children with Disabilities. Journal of Visualized Experiments, 2014, , e51054.	0.3	7
92	Feasibility of event-related potential methodology to evaluate changes in cortical processing after rehabilitation in children with cerebral palsy: A pilot study. Journal of Clinical and Experimental Neuropsychology, 2014, 36, 669-679.	1.3	13
93	Abnormal sensory reactivity in preterm infants during the first year correlates with adverse neurodevelopmental outcomes at 2â€¦years of age. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F475-F479.	2.8	44
94	Manganese and Parenteral Nutrition. Issues in Toxicology, 2014, , 403-425.	0.1	1
95	Hemisphere Differences in Speech-Sound Event-Related Potentials in Intensive Care Neonates. Journal of Child Neurology, 2014, 29, 903-911.	1.4	14
96	Validation of a brain MRI relaxometry protocol to measure effects of preterm birth at a flexible postnatal age. BMC Pediatrics, 2014, 14, 84.	1.7	8
97	A Pacifier-Activated Music Player With Motherâ€™s Voice Improves Oral Feeding in Preterm Infants. Pediatrics, 2014, 133, 462-468.	2.1	98
98	Early prediction of cerebral palsy after neonatal intensive care using motor development trajectories in infancy. Early Human Development, 2013, 89, 781-786.	1.8	39
99	Manganese Neurotoxicity may Underlie the Association between Early Life Iron Deficiency and Impaired Spatial Cognition in Neonatal Piglets. Journal of Nutrition, 2013, 143, 548-548.	2.9	2
100	Cortical speech sound differentiation in the neonatal intensive care unit predicts cognitive and language development in the first 2Â¥years of life. Developmental Medicine and Child Neurology, 2013, 55, 834-839.	2.1	39
101	Adverse neurodevelopmental outcomes after exposure to phenobarbital and levetiracetam for the treatment of neonatal seizures. Journal of Perinatology, 2013, 33, 841-846.	2.0	106
102	Novel Assessment of Cortical Response to Somatosensory Stimuli in Children With Hemiparetic Cerebral Palsy. Journal of Child Neurology, 2012, 27, 1276-1283.	1.4	41
103	Neuroprotection for Premature Infants?. JAMA - Journal of the American Medical Association, 2012, 307, 304-5.	7.4	11
104	Influence of gestational age and postnatal age on speech sound processing in <scp>NICU</scp> infants. Psychophysiology, 2012, 49, 720-731.	2.4	31
105	Neurodevelopmental Outcome of Infants With Unilateral or Bilateral Periventricular Hemorrhagic Infarction. Pediatrics, 2009, 124, e1153-e1160.	2.1	79
106	The potential role for prolactin-inducible protein (PIP) as a marker of human breast cancer micrometastasis. British Journal of Cancer, 1999, 81, 1002-1008.	6.4	57
107	Detection of occult breast cancer micrometastases in axillary lymph nodes using a multimarker reverse transcriptase-polymerase chain reaction panel. Journal of the American College of Surgeons, 1998, 187, 9-16.	0.5	55
108	Effect of 15-Deoxyspergualine on Antigen-Specific Lymphocyte Activation Measured by CD69 Expression. Clinical Immunology and Immunopathology, 1997, 85, 109-111.	2.0	0