Mark S Scher

List of Publications by Year
in descending order

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Version: 2024-02-01

90 papers	3,518 citations	147801 31 h-index	144013 57 g-index
92 all docs	92 docs citations	92 times ranked	1911 citing authors

#	Article	IF	Citations
1	Fetal-neonatal neurology program development: Continuum of care during the first 1000 days. Journal of Perinatology, 2022, 42, 165-168.	2.0	7
2	The first 1000 days influence life-course brain health: interdisciplinary fetal/neonatal neurology training. Pediatric Research, 2022, , .	2.3	2
3	Gene-Environment Interactions During the First Thousand Days Influence Childhood Neurological Diagnosis. Seminars in Pediatric Neurology, 2022, 42, 100970.	2.0	6
4	Prematurity and perinatal inflammation is associated with a complex electroencephalographic phenotype. Pediatric Research, 2022, 92, 20-21.	2.3	1
5	â€œThe First Thousand Daysâ€•Define a Fetal/Neonatal Neurology Program. Frontiers in Pediatrics, 2021, 9, 683138.	1.9	38
6	â€œThe Child Is the Father of the Manâ€• A Tribute to Ken Swaiman. Pediatric Neurology, 2021, 122, 119-121.	2.1	0
7	Cerebral Palsy and Rehabilitative Care: The Role of Home-Based Care and Family-Centered Approach. Indian Pediatrics, 2021, 58, 813-814.	0.4	4
8	Neurologic Sequelae Associated with Hypertensive Disorders of Pregnancy. Children, 2021, 8, 945.	1.5	3
9	Neurologic outcome after fetal inflammatory response syndrome: Trimester-specific considerations. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101137.	2.3	14
10	Fetal/neonatal neurology training for neurologists. Neurology, 2020, 95, 947-948.	1.1	3
11	Fetal neurology: Principles and practice with a life-course perspective. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 162, 1-29.	1.8	22
12	The 2018 Pediatric Neurology Trainee Publication Award. Pediatric Neurology, 2019, 101, 1.	2.1	0
13	The 2017 Pediatric Neurology Training Publication Award. Pediatric Neurology, 2018, 86, 4.	2.1	0
14	Training in Fetalâ€“Neonatal Neurology: Principles to Guide Practice for Career-Long Learning. Pediatric Neurology, 2017, 67, 1-2.	2.1	4
15	Editorial: The 2016 Pediatric Neurology Trainee Publication Award. Pediatric Neurology, 2017, 75, 3.	2.1	0
16	Pediatric Neurophysiologic Evaluation. , 2017, , 87-96.		9
17	Neurodevelopment in newborns as quantified by synchronization in the Electroencephalogram. , 2016, , .		0
18	Neonatal seizures: A complex phenotype representing past, present and future risks for brain injury. Journal of Pediatric Neurology, 2015, 07, 051-060.	0.2	0

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19	Normal and abnormal cerebrovascular development. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 112, 1021-1042.	1.8	4
20	Developmental Origins of Cerebrovascular Disease II. Journal of Child Neurology, 2012, 27, 238-250.	1.4	5
21	Developmental Origins of Cerebrovascular Disease I. Journal of Child Neurology, 2012, 27, 121-131.	1.4	9
22	An Interdisciplinary Fetal/Neonatal Neurology Program. Journal of Child Neurology, 2012, 27, 496-502.	1.4	7
23	Peripartum Consultations Expand the Role of the Fetal/Neonatal Neurologist. Pediatric Neurology, 2012, 47, 411-418.	2.1	5
24	Diagnosis and Treatment of Neonatal Seizures. , 2012, , 109-141.		0
25	Optimal channel selection for analysis of EEG-sleep patterns of neonates. Computer Methods and Programs in Biomedicine, 2012, 106, 14-26.	4.7	22
26	Physiologic Brain Dysmaturity in Late Preterm Infants. Pediatric Research, 2011, 70, 524-528.	2.3	31
27	The American Clinical Neurophysiology Society's Guideline on Continuous Electroencephalography Monitoring in Neonates. Journal of Clinical Neurophysiology, 2011, 28, 611-617.	1.7	403
28	Ontogeny of EEG sleep from neonatal through infancy periods. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 98, 111-129.	1.8	9
29	Neonatal EEG/Sleep State Analyses: A Complex Phenotype of Developmental Neural Plasticity. Developmental Neuroscience, 2009, 31, 259-275.	2.0	44
30	Neurophysiologic assessment of brain maturation after an 8-week trial of skin-to-skin contact on preterm infants. Clinical Neurophysiology, 2009, 120, 1812-1818.	1.5	135
31	Ontogeny of EEG-sleep from neonatal through infancy periods. Sleep Medicine, 2008, 9, 615-636.	1.6	93
32	Proposed Cross-Disciplinary Training in Pediatric Neurointensive Care. Pediatric Neurology, 2008, 39, 1-5.	2.1	39
33	Neonatal Hypertonia: I. Classification and Structuralâ€“Functional Correlates. Pediatric Neurology, 2008, 39, 301-306.	2.1	14
34	Neonatal Hypertonia: II. Differential Diagnosis and Proposed Neuroprotection. Pediatric Neurology, 2008, 39, 373-380.	2.1	11
35	Timing of Neonatal Seizures and Intrapartum Obstetrical Factors. Journal of Child Neurology, 2008, 23, 640-643.	1.4	7
36	Maternal Ulcerative Colitis and Fetal Brain Injury: Long-Term Neurologic Outcome. Journal of Child Neurology, 2007, 22, 1293-1296.	1.4	6

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37	Pediatric Epilepsy Evaluations From the Prenatal Perspective. Journal of Child Neurology, 2007, 22, 396-401.	1.4	5
38	Neonatal seizure classification: A fetal perspective concerning childhood epilepsy. Epilepsy Research, 2006, 70, 41-57.	1.6	54
39	Neurophysiologic Assessment of Neonatal Sleep Organization: Preliminary Results of a Randomized, Controlled Trial of Skin Contact With Preterm Infants. Pediatrics, 2006, 117, e909-e923.	2.1	142
40	Automated State Analyses: Proposed Applications to Neonatal Neurointensive Care. Journal of Clinical Neurophysiology, 2005, 22, 256-270.	1.7	33
41	Cyclicity of Neonatal Sleep Behaviors at 25 to 30 Weeks' Postconceptional Age. Pediatric Research, 2005, 57, 879-882.	2.3	87
42	Prediction of neonatal state and maturational change using dimensional analysis. Journal of Clinical Neurophysiology, 2005, 22, 159-65.	1.7	25
43	Sleeping and waking state development in preterm infants. Early Human Development, 2004, 80, 43-64.	1.8	106
44	Pediatric neurology participation in a fetal diagnostic service. Pediatric Neurology, 2004, 30, 338-344.	2.1	14
45	Automated EEG-sleep analyses and neonatal neurointensive care. Sleep Medicine, 2004, 5, 533-540.	1.6	29
46	Temperature differences during sleep between fullterm and preterm neonates at matched post-conceptional ages. Clinical Neurophysiology, 2003, 114, 17-22.	1.5	7
47	Functional brain maturation in neonates as measured by EEG-sleep analyses. Clinical Neurophysiology, 2003, 114, 875-882.	1.5	41
48	Uncoupling of EEG-clinical neonatal seizures after antiepileptic drug use. Pediatric Neurology, 2003, 28, 277-280.	2.1	220
49	Fetal neurologic consultations. Pediatric Neurology, 2003, 29, 193-202.	2.1	17
50	Neonatal seizures and brain damage. Pediatric Neurology, 2003, 29, 381-390.	2.1	77
51	Topical Review: Fetal and Neonatal Neurologic Case Histories: Assessment of Brain Disorders in the Context of Fetal-Maternal-Placental Disease. Part 1: Fetal Neurologic Consultations in the Context of Antepartum Events and Prenatal Brain Development. Journal of Child Neurology, 2003, 18, 85-92.	1.4	9
52	Topical Review: Fetal and Neonatal Neurologic Case Histories: Assessment of Brain Disorders in the Context of Fetal-Maternal-Placental Disease. Journal of Child Neurology, 2003, 18, 155-164.	1.4	8
53	Neonatal seizures: an expression of fetal or neonatal brain disorders. , 2003, , 735-784.		8
54	Prenatal contributions to epilepsy: lessons from the bedside. Epileptic Disorders, 2003, 5, 77-91.	1.3	20

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55	Delayed Onset of Status Epilepticus After Transient Asphyxia in an Asymptomatic Full-Term Neonate. Journal of Child Neurology, 2002, 17, 780-783.	1.4	5
56	Neonatal EEG-sleep disruption mimicking hypoxic-ischemic encephalopathy after intrapartum asphyxia. Sleep Medicine, 2002, 3, 411-415.	1.6	39
57	Cerebral infarctions in the fetus and neonate: maternalâ€“placentalâ€“fetal considerations. Clinics in Perinatology, 2002, 29, 693-724.	2.1	30
58	Perinatal asphyxia: Timing and mechanisms of injury in neonatal encephalopathy. Current Neurology and Neuroscience Reports, 2001, 1, 175-184.	4.2	37
59	Fetal and neonatal neurologic consultations: Identifying brain disorders in the context of fetal-maternal-placental disease. Seminars in Pediatric Neurology, 2001, 8, 55-73.	2.0	17
60	Neurophysiological assessment of brain function and maturation II. A measure of brain dysmaturity in healthy preterm neonates. Pediatric Neurology, 1997, 16, 287-295.	2.1	68
61	Neurophysiological assessment of brain function and maturation: I. A measure of brain adaptation in high risk infants. Pediatric Neurology, 1997, 16, 191-198.	2.1	53
62	Regional differences in spectral EEG measures between healthy term and preterm infants. Pediatric Neurology, 1997, 17, 218-223.	2.1	33
63	Computer Classification of State in Healthy Preterm Neonates. Sleep, 1997, 20, 132-141.	1.1	24
64	Prediction of lower developmental performances of healthy neonates by neonatal EEG-sleep measures. Pediatric Neurology, 1996, 14, 137-144.	2.1	87
65	Computer Classification of Sleep in Preterm and Full-Term Neonates at Similar Postconceptional Term Ages. Sleep, 1996, 19, 18-25.	1.1	31
66	Normal electrographic-polysomnographic patterns in preterm and fullterm infants. Seminars in Pediatric Neurology, 1996, 3, 2-12.	2.0	41
67	Postnatal Adaptation of Brain Function in Full-term Neonates as Assessed by EEG Sleep Analyses. Sleep, 1995, 18, 531-535.	1.1	19
68	Maturational trends of EEG-sleep measures in the healthy preterm neonate. Pediatric Neurology, 1995, 12, 314-322.	2.1	61
69	GRATING ACUITY AND VISUAL FIELD DEVELOPMENT IN INFANTS FOLLOWING PERINATAL ASPHYXIA. Developmental Medicine and Child Neurology, 1995, 37, 330-344.	2.1	29
70	Maturation of Phasic and Continuity Measures during Sleep in Preterm Neonates. Pediatric Research, 1994, 36, 732-737.	2.3	32
71	Cardiorespiratory Behavior during Sleep in Full-Term and Preterm Neonates at Comparable Postconceptional Term Ages. Pediatric Research, 1994, 36, 738-744.	2.3	31
72	Rectal temperature changes during sleep state transitions in term and preterm neonates at postconceptional term ages. Pediatric Neurology, 1994, 10, 191-194.	2.1	17

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73	Comparisons of EEG spectral and correlation measures between healthy term and preterm infants. Pediatric Neurology, 1994, 10, 104-108.	2.1	75
74	Brain lesions of fetal onset in encephalopathic infants with nonimmune hydrops fetalis. Pediatric Neurology, 1994, 11, 15-22.	2.1	22
75	Neonatal encephalopathies as classified by EEG-sleep criteria: Severity and timing based on clinical/pathologic correlations. Pediatric Neurology, 1994, 11, 189-200.	2.1	29
76	Comparative estimates of neonatal gestational maturity by electrographic and fetal ultrasonographic criteria. Pediatric Neurology, 1994, 11, 214-218.	2.1	16
77	Comparisons of EEG Sleep State-Specific Spectral Values Between Healthy Full-Term and Preterm Infants at Comparable Postconceptional Ages. Sleep, 1994, 17, 47-51.	1.1	60
78	Neonatal Phenobarbital and Phenytoin Binding Profiles. Journal of Clinical Pharmacology, 1994, 34, 312-317.	2.0	23
79	Ictal and Interictal Electrographic Seizure Durations in Preterm and Term Neonates. Epilepsia, 1993, 34, 284-288.	5.1	161
80	Sleep Architecture and Continuity Measures of Neonates with Chronic Lung Disease. Sleep, 1992, 15, 195-201.	1.1	33
81	Comparison of EEG Sleep Measures in Healthy Full-Term and Preterm Infants at Matched Conceptional Ages. Sleep, 1992, 15, 442-448.	1.1	105
82	Computer Analyses of EEG-Sleep in the Neonate. Journal of Clinical Neurophysiology, 1990, 7, 417-441.	1.7	29
83	Neonatal Electroencephalography and Neuropathology. Journal of Clinical Neurophysiology, 1989, 6, 103.	1.7	74
84	VISUAL AND NEUROLOGICAL OUTCOME OF INFANTS WITH PERIVENTRICULAR LEUKOMALACIA. Developmental Medicine and Child Neurology, 1989, 31, 353-365.	2.1	93
85	A Walshâ€"Fourier Analysis of the Effects of Moderate Maternal Alcohol Consumption on Neonatal Sleep-State Cycling. Journal of the American Statistical Association, 1988, 83, 954-963.	3.1	35
86	The Effects of Prenatal Alcohol and Marijuana Exposure: Disturbances in Neonatal Sleep Cycling and Arousal. Pediatric Research, 1988, 24, 101-105.	2.3	201
87	Estimation of gestational age by electrographic, clinical, and anatomic criteria. Pediatric Neurology, 1987, 3, 256-262.	2.1	35
88	The Value of Midline Electrodes in Neonatal Electroencephalography. The American Journal of EEG Technology, 1985, 25, 241-255.	0.3	5
89	Physiologic Artifacts in Neonatal Electroencephalography: The Importance of Technical Comments. The American Journal of EEG Technology, 1985, 25, 257-277.	0.3	7
90	Neonatal seizures: an expression of fetal or neonatal brain disorders. , 0, , 499-526.		1