

Mark S Scher

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,518
citations

147566

31
h-index

143772

57
g-index

92
all docs

92
docs citations

92
times ranked

1911
citing authors

#	ARTICLE	IF	CITATIONS
1	The American Clinical Neurophysiology Society's Guideline on Continuous Electroencephalography Monitoring in Neonates. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 611-617.	0.9	403
2	Uncoupling of EEG-clinical neonatal seizures after antiepileptic drug use. <i>Pediatric Neurology</i> , 2003, 28, 277-280.	1.0	220
3	The Effects of Prenatal Alcohol and Marijuana Exposure: Disturbances in Neonatal Sleep Cycling and Arousal. <i>Pediatric Research</i> , 1988, 24, 101-105.	1.1	201
4	Ictal and Interictal Electrographic Seizure Durations in Preterm and Term Neonates. <i>Epilepsia</i> , 1993, 34, 284-288.	2.6	161
5	Neurophysiologic Assessment of Neonatal Sleep Organization: Preliminary Results of a Randomized, Controlled Trial of Skin Contact With Preterm Infants. <i>Pediatrics</i> , 2006, 117, e909-e923.	1.0	142
6	Neurophysiologic assessment of brain maturation after an 8-week trial of skin-to-skin contact on preterm infants. <i>Clinical Neurophysiology</i> , 2009, 120, 1812-1818.	0.7	135
7	Sleeping and waking state development in preterm infants. <i>Early Human Development</i> , 2004, 80, 43-64.	0.8	106
8	Comparison of EEG Sleep Measures in Healthy Full-Term and Preterm Infants at Matched Conceptional Ages. <i>Sleep</i> , 1992, 15, 442-448.	0.6	105
9	Ontogeny of EEG-sleep from neonatal through infancy periods. <i>Sleep Medicine</i> , 2008, 9, 615-636.	0.8	93
10	VISUAL AND NEUROLOGICAL OUTCOME OF INFANTS WITH PERIVENTRICULAR LEUKOMALACIA. <i>Developmental Medicine and Child Neurology</i> , 1989, 31, 353-365.	1.1	93
11	Prediction of lower developmental performances of healthy neonates by neonatal EEG-sleep measures. <i>Pediatric Neurology</i> , 1996, 14, 137-144.	1.0	87
12	Cyclicity of Neonatal Sleep Behaviors at 25 to 30 Weeks' Postconceptional Age. <i>Pediatric Research</i> , 2005, 57, 879-882.	1.1	87
13	Neonatal seizures and brain damage. <i>Pediatric Neurology</i> , 2003, 29, 381-390.	1.0	77
14	Comparisons of EEG spectral and correlation measures between healthy term and preterm infants. <i>Pediatric Neurology</i> , 1994, 10, 104-108.	1.0	75
15	Neonatal Electroencephalography and Neuropathology. <i>Journal of Clinical Neurophysiology</i> , 1989, 6, 103.	0.9	74
16	Neurophysiological assessment of brain function and maturation II. A measure of brain dysmaturity in healthy preterm neonates. <i>Pediatric Neurology</i> , 1997, 16, 287-295.	1.0	68
17	Maturational trends of EEG-sleep measures in the healthy preterm neonate. <i>Pediatric Neurology</i> , 1995, 12, 314-322.	1.0	61
18	Comparisons of EEG Sleep State-Specific Spectral Values Between Healthy Full-Term and Preterm Infants at Comparable Postconceptional Ages. <i>Sleep</i> , 1994, 17, 47-51.	0.6	60

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19	Neonatal seizure classification: A fetal perspective concerning childhood epilepsy. <i>Epilepsy Research</i> , 2006, 70, 41-57.	0.8	54
20	Neurophysiological assessment of brain function and maturation: I. A measure of brain adaptation in high risk infants. <i>Pediatric Neurology</i> , 1997, 16, 191-198.	1.0	53
21	Neonatal EEG/Sleep State Analyses: A Complex Phenotype of Developmental Neural Plasticity. <i>Developmental Neuroscience</i> , 2009, 31, 259-275.	1.0	44
22	Normal electrographic-polysomnographic patterns in preterm and fullterm infants. <i>Seminars in Pediatric Neurology</i> , 1996, 3, 2-12.	1.0	41
23	Functional brain maturation in neonates as measured by EEG-sleep analyses. <i>Clinical Neurophysiology</i> , 2003, 114, 875-882.	0.7	41
24	Neonatal EEG-sleep disruption mimicking hypoxic-ischemic encephalopathy after intrapartum asphyxia. <i>Sleep Medicine</i> , 2002, 3, 411-415.	0.8	39
25	Proposed Cross-Disciplinary Training in Pediatric Neurointensive Care. <i>Pediatric Neurology</i> , 2008, 39, 1-5.	1.0	39
26	“The First Thousand Days” Define a Fetal/Neonatal Neurology Program. <i>Frontiers in Pediatrics</i> , 2021, 9, 683138.	0.9	38
27	Perinatal asphyxia: Timing and mechanisms of injury in neonatal encephalopathy. <i>Current Neurology and Neuroscience Reports</i> , 2001, 1, 175-184.	2.0	37
28	Estimation of gestational age by electrographic, clinical, and anatomic criteria. <i>Pediatric Neurology</i> , 1987, 3, 256-262.	1.0	35
29	A Walsh’s Fourier Analysis of the Effects of Moderate Maternal Alcohol Consumption on Neonatal Sleep-State Cycling. <i>Journal of the American Statistical Association</i> , 1988, 83, 954-963.	1.8	35
30	Sleep Architecture and Continuity Measures of Neonates with Chronic Lung Disease. <i>Sleep</i> , 1992, 15, 195-201.	0.6	33
31	Regional differences in spectral EEG measures between healthy term and preterm infants. <i>Pediatric Neurology</i> , 1997, 17, 218-223.	1.0	33
32	Automated State Analyses: Proposed Applications to Neonatal Neurointensive Care. <i>Journal of Clinical Neurophysiology</i> , 2005, 22, 256-270.	0.9	33
33	Maturation of Phasic and Continuity Measures during Sleep in Preterm Neonates. <i>Pediatric Research</i> , 1994, 36, 732-737.	1.1	32
34	Cardiorespiratory Behavior during Sleep in Full-Term and Preterm Neonates at Comparable Postconceptional Term Ages. <i>Pediatric Research</i> , 1994, 36, 738-744.	1.1	31
35	Computer Classification of Sleep in Preterm and Full-Term Neonates at Similar Postconceptional Term Ages. <i>Sleep</i> , 1996, 19, 18-25.	0.6	31
36	Physiologic Brain Dysmaturity in Late Preterm Infants. <i>Pediatric Research</i> , 2011, 70, 524-528.	1.1	31

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37	Cerebral infarctions in the fetus and neonate: maternal-placental-fetal considerations. Clinics in Perinatology, 2002, 29, 693-724.	0.8	30
38	Computer Analyses of EEG-Sleep in the Neonate. Journal of Clinical Neurophysiology, 1990, 7, 417-441.	0.9	29
39	Neonatal encephalopathies as classified by EEG-sleep criteria: Severity and timing based on clinical/pathologic correlations. Pediatric Neurology, 1994, 11, 189-200.	1.0	29
40	Automated EEG-sleep analyses and neonatal neurointensive care. Sleep Medicine, 2004, 5, 533-540.	0.8	29
41	GRATING ACUITY AND VISUAL FIELD DEVELOPMENT IN INFANTS FOLLOWING PERINATAL ASPHYXIA. Developmental Medicine and Child Neurology, 1995, 37, 330-344.	1.1	29
42	Prediction of neonatal state and maturational change using dimensional analysis. Journal of Clinical Neurophysiology, 2005, 22, 159-65.	0.9	25
43	Computer Classification of State in Healthy Preterm Neonates. Sleep, 1997, 20, 132-141.	0.6	24
44	Neonatal Phenobarbital and Phenytoin Binding Profiles. Journal of Clinical Pharmacology, 1994, 34, 312-317.	1.0	23
45	Brain lesions of fetal onset in encephalopathic infants with nonimmune hydrops fetalis. Pediatric Neurology, 1994, 11, 15-22.	1.0	22
46	Optimal channel selection for analysis of EEG-sleep patterns of neonates. Computer Methods and Programs in Biomedicine, 2012, 106, 14-26.	2.6	22
47	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.	1.0	22
48	Prenatal contributions to epilepsy: lessons from the bedside. Epileptic Disorders, 2003, 5, 77-91.	0.7	20
49	Postnatal Adaptation of Brain Function in Full-term Neonates as Assessed by EEG Sleep Analyses. Sleep, 1995, 18, 531-535.	0.6	19
50	Rectal temperature changes during sleep state transitions in term and preterm neonates at postconceptional term ages. Pediatric Neurology, 1994, 10, 191-194.	1.0	17
51	Fetal and neonatal neurologic consultations: Identifying brain disorders in the context of fetal-maternal-placental disease. Seminars in Pediatric Neurology, 2001, 8, 55-73.	1.0	17
52	Fetal neurologic consultations. Pediatric Neurology, 2003, 29, 193-202.	1.0	17
53	Comparative estimates of neonatal gestational maturity by electrographic and fetal ultrasonographic criteria. Pediatric Neurology, 1994, 11, 214-218.	1.0	16
54	Pediatric neurology participation in a fetal diagnostic service. Pediatric Neurology, 2004, 30, 338-344.	1.0	14

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55	Neonatal Hypertonia: I. Classification and Structuralâ€“Functional Correlates. <i>Pediatric Neurology</i> , 2008, 39, 301-306.	1.0	14
56	Neurologic outcome after fetal inflammatory response syndrome: Trimester-specific considerations. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101137.	1.1	14
57	Neonatal Hypertonia: II. Differential Diagnosis and Proposed Neuroprotection. <i>Pediatric Neurology</i> , 2008, 39, 373-380.	1.0	11
58	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. <i>Journal of Child Neurology</i> , 2003, 18, 85-92.	0.7	9
59	Ontogeny of EEG sleep from neonatal through infancy periods. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2011, 98, 111-129.	1.0	9
60	Developmental Origins of Cerebrovascular Disease I. <i>Journal of Child Neurology</i> , 2012, 27, 121-131.	0.7	9
61	<i>Pediatric Neurophysiologic Evaluation.</i> , 2017, , 87-96.		9
62	Topical Review: Fetal and Neonatal Neurologic Case Histories: Assessment of Brain Disorders in the Context of Fetal-Maternal-Placental Disease. <i>Journal of Child Neurology</i> , 2003, 18, 155-164.	0.7	8
63	Neonatal seizures: an expression of fetal or neonatal brain disorders. , 2003, , 735-784.		8
64	Physiologic Artifacts in Neonatal Electroencephalography: The Importance of Technical Comments. <i>The American Journal of EEG Technology</i> , 1985, 25, 257-277.	0.3	7
65	Temperature differences during sleep between fullterm and preterm neonates at matched post-conceptual ages. <i>Clinical Neurophysiology</i> , 2003, 114, 17-22.	0.7	7
66	Timing of Neonatal Seizures and Intrapartum Obstetrical Factors. <i>Journal of Child Neurology</i> , 2008, 23, 640-643.	0.7	7
67	An Interdisciplinary Fetal/Neonatal Neurology Program. <i>Journal of Child Neurology</i> , 2012, 27, 496-502.	0.7	7
68	Fetal-neonatal neurology program development: Continuum of care during the first 1000 days. <i>Journal of Perinatology</i> , 2022, 42, 165-168.	0.9	7
69	Maternal Ulcerative Colitis and Fetal Brain Injury: Long-Term Neurologic Outcome. <i>Journal of Child Neurology</i> , 2007, 22, 1293-1296.	0.7	6
70	Gene-Environment Interactions During the First Thousand Days Influence Childhood Neurological Diagnosis. <i>Seminars in Pediatric Neurology</i> , 2022, 42, 100970.	1.0	6
71	The Value of Midline Electrodes in Neonatal Electroencephalography. <i>The American Journal of EEG Technology</i> , 1985, 25, 241-255.	0.3	5
72	Delayed Onset of Status Epilepticus After Transient Asphyxia in an Asymptomatic Full-Term Neonate. <i>Journal of Child Neurology</i> , 2002, 17, 780-783.	0.7	5

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73	Pediatric Epilepsy Evaluations From the Prenatal Perspective. Journal of Child Neurology, 2007, 22, 396-401.	0.7	5
74	Developmental Origins of Cerebrovascular Disease II. Journal of Child Neurology, 2012, 27, 238-250.	0.7	5
75	Peripartum Consultations Expand the Role of the Fetal/Neonatal Neurologist. Pediatric Neurology, 2012, 47, 411-418.	1.0	5
76	Normal and abnormal cerebrovascular development. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 112, 1021-1042.	1.0	4
77	Training in Fetal/Neonatal Neurology: Principles to Guide Practice for Career-Long Learning. Pediatric Neurology, 2017, 67, 1-2.	1.0	4
78	Cerebral Palsy and Rehabilitative Care: The Role of Home-Based Care and Family-Centered Approach. Indian Pediatrics, 2021, 58, 813-814.	0.2	4
79	Fetal/neonatal neurology training for neurologists. Neurology, 2020, 95, 947-948.	1.5	3
80	Neurologic Sequelae Associated with Hypertensive Disorders of Pregnancy. Children, 2021, 8, 945.	0.6	3
81	The first 1000 days influence life-course brain health: interdisciplinary fetal/neonatal neurology training. Pediatric Research, 2022, , .	1.1	2
82	Neonatal seizures: an expression of fetal or neonatal brain disorders. , 0, , 499-526.		1
83	Prematurity and perinatal inflammation is associated with a complex electroencephalographic phenotype. Pediatric Research, 2022, 92, 20-21.	1.1	1
84	Diagnosis and Treatment of Neonatal Seizures. , 2012, , 109-141.		0
85	Neonatal seizures: A complex phenotype representing past, present and future risks for brain injury. Journal of Pediatric Neurology, 2015, 07, 051-060.	0.0	0
86	Neurodevelopment in newborns as quantified by synchronization in the Electroencephalogram. , 2016, , .		0
87	Editorial: The 2016 Pediatric Neurology Trainee Publication Award. Pediatric Neurology, 2017, 75, 3.	1.0	0
88	The 2017 Pediatric Neurology Training Publication Award. Pediatric Neurology, 2018, 86, 4.	1.0	0
89	The 2018 Pediatric Neurology Trainee Publication Award. Pediatric Neurology, 2019, 101, 1.	1.0	0
90	â€œThe Child Is the Father of the Manâ€ A Tribute to Ken Swaiman. Pediatric Neurology, 2021, 122, 119-121.	1.0	0