

# Janet S Soul MdcM

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

3,399  
citations

172207

29  
h-index

143772

57  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal development of transient fetal zones in mild isolated fetal ventriculomegaly. <i>Cerebral Cortex</i> , 2023, 33, 1130-1139.	1.6	9
2	Continuous EEG monitoring still recommended for neonatal seizure management: commentary on NEST trial. <i>Pediatric Research</i> , 2023, 93, 469-470.	1.1	2
3	Treatment of Neonatal Seizures: Comparison of Treatment Pathways From 11 Neonatal Intensive Care Units. <i>Pediatric Neurology</i> , 2022, 128, 67-74.	1.0	15
4	Characteristics of Neonates with Cardiopulmonary Disease Who Experience Seizures: A Multicenter Study. <i>Journal of Pediatrics</i> , 2022, 242, 63-73.	0.9	3
5	Impact of COVID-19 Pandemic on Developmental Service Delivery in Children With a History of Neonatal Seizures. <i>Pediatric Neurology</i> , 2022, 129, 14-18.	1.0	2
6	Fetal Brain Volume Predicts Neurodevelopment in Congenital Heart Disease. <i>Circulation</i> , 2022, 145, 1108-1119.	1.6	56
7	Parent Mental Health and Family Coping over Two Years after the Birth of a Child with Acute Neonatal Seizures. <i>Children</i> , 2022, 9, 2.	0.6	2
8	Regional Brain Growth Trajectories in Fetuses with Congenital Heart Disease. <i>Annals of Neurology</i> , 2021, 89, 143-157.	2.8	49
9	A Pilot Randomized, Controlled, Double-blind Trial of Bumetanide to Treat Neonatal Seizures. <i>Annals of Neurology</i> , 2021, 89, 327-340.	2.8	50
10	Seizure Control in Neonates Undergoing Screening vs Confirmatory EEG Monitoring. <i>Neurology</i> , 2021, 97, e587-e596.	1.5	19
11	Safety of Early Discontinuation of Antiseizure Medication After Acute Symptomatic Neonatal Seizures. <i>JAMA Neurology</i> , 2021, 78, 817.	4.5	54
12	Early-life epilepsy after acute symptomatic neonatal seizures: A prospective multicenter study. <i>Epilepsia</i> , 2021, 62, 1871-1882.	2.6	23
13	Training in neonatal neurocritical care: a proposal for a hybrid model of competence by design and time-based methods. <i>Pediatric Research</i> , 2021, , .	1.1	1
14	Management of seizures in neonates with neonatal encephalopathy treated with hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101279.	1.1	11
15	Family-Centered Care for Children and Families Impacted by Neonatal Seizures: Advice From Parents. <i>Pediatric Neurology</i> , 2021, 124, 26-32.	1.0	9
16	Seizure Severity and Treatment Response in Newborn Infants with Seizures Attributed to Intracranial Hemorrhage. <i>Journal of Pediatrics</i> , 2021, , .	0.9	2
17	Abnormalities in cerebral hemodynamics and changes with surgical intervention in neonates with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2012-2021.	0.4	23
18	Fetal magnetic resonance imaging: supratentorial brain malformations. <i>Pediatric Radiology</i> , 2020, 50, 1934-1947.	1.1	10

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19	Characterization of Death in Infants With Neonatal Seizures. <i>Pediatric Neurology</i> , 2020, 113, 21-25.	1.0	12
20	Predicting Autism Spectrum Disorder in Very Preterm Infants. <i>Pediatrics</i> , 2020, 146, e2020019448.	1.0	5
21	Associations between Infant and Parent Characteristics and Measures of Family Well-Being in Neonates with Seizures: A Cohort Study. <i>Journal of Pediatrics</i> , 2020, 221, 64-71.e4.	0.9	15
22	Parent experience of caring for neonates with seizures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 634-639.	1.4	17
23	Monitoring and management of brain hemodynamics and oxygenation. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 162, 295-314.	1.0	13
24	De novo and inherited TCF20 pathogenic variants are associated with intellectual disability, dysmorphic features, hypotonia, and neurological impairments with similarities to Smithâ€™s Magenis syndrome. <i>Genome Medicine</i> , 2019, 11, 12.	3.6	23
25	Pharmacologic Prevention and Treatment of Neonatal Brain Injury. <i>Clinics in Perinatology</i> , 2019, 46, 311-325.	0.8	23
26	Response to antiseizure medications in neonates with acute symptomatic seizures. <i>Epilepsia</i> , 2019, 60, e20-e24.	2.6	33
27	Recommendations for the design of therapeutic trials for neonatal seizures. <i>Pediatric Research</i> , 2019, 85, 943-954.	1.1	52
28	Neonatal seizures: Case definition & guidelines for data collection, analysis, and presentation of immunization safety data. <i>Vaccine</i> , 2019, 37, 7596-7609.	1.7	37
29	Seizure Prediction Models in the Neonatal Intensive Care Unit. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 186-194.	0.9	22
30	Congenital muscular dystrophy-dystroglycanopathy, type A, featuring bilateral retinal dysplasia and vertical angle kappa. <i>Journal of AAPOS</i> , 2018, 22, 242-244.e1.	0.2	2
31	Acute symptomatic seizures in term neonates: Etiologies and treatments. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018, 23, 183-190.	1.1	42
32	Post-arrest therapeutic hypothermia in pediatric patients with congenital heart disease. <i>Resuscitation</i> , 2018, 126, 83-89.	1.3	14
33	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part I: review of experience at Boston Childrenâ€™s Hospital. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 467-470.	2.0	19
34	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part II: synthesis of the literature and patient management. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 471-475.	2.0	24
35	Probabilistic tractography-based thalamic parcellation in healthy newborns and newborns with congenital heart disease. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1626-1637.	1.9	8
36	Electroencephalographic discontinuity during sevoflurane anesthesia in infants and children. <i>Paediatric Anaesthesia</i> , 2017, 27, 251-262.	0.6	31

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37	Seizures in Preterm Neonates: A Multicenter Observational Cohort Study. <i>Pediatric Neurology</i> , 2017, 72, 19-24.	1.0	83
38	Liver Failure as the Presentation of Ornithine Transcarbamylase Deficiency in a 13-Month-Old Female. <i>JIMD Reports</i> , 2017, 40, 17-22.	0.7	4
39	Profile of neonatal epilepsies. <i>Neurology</i> , 2017, 89, 893-899.	1.5	145
40	The use of phenobarbital and other anti-seizure drugs in newborns. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 321-327.	1.1	64
41	Treatment Duration After Acute Symptomatic Seizures in Neonates: A Multicenter Cohort Study. <i>Journal of Pediatrics</i> , 2017, 181, 298-301.e1.	0.9	55
42	White Matter Volume Predicts Language Development in Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2017, 181, 42-48.e2.	0.9	52
43	<i>BRAT1</i> mutations present with a spectrum of clinical severity. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 2265-2273.	0.7	34
44	Contemporary Profile of Seizures in Neonates: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2016, 174, 98-103.e1.	0.9	218
45	Novel medications for neonatal seizures: Bumetanide and topiramate. <i>Journal of Pediatric Neurology</i> , 2015, 07, 085-093.	0.0	0
46	Perioperative cerebral hemodynamics and oxygen metabolism in neonates with single-ventricle physiology. <i>Biomedical Optics Express</i> , 2015, 6, 4749.	1.5	48
47	Cerebral Blood Flow Velocity and Neurodevelopmental Outcome in Infants Undergoing Surgery for Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2014, 98, 125-132.	0.7	31
48	Cerebral Oxygen Metabolism in Neonatal Hypoxic Ischemic Encephalopathy during and after Therapeutic Hypothermia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 87-94.	2.4	105
49	Sensitive isotope dilution liquid chromatography/tandem mass spectrometry method for quantitative analysis of bumetanide in serum and brain tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 998-1002.	1.2	44
50	Relationship of Intraoperative Cerebral Oxygen Saturation to Neurodevelopmental Outcome and Brain Magnetic Resonance Imaging at 1 Year of Age in Infants Undergoing Biventricular Repair. <i>Circulation</i> , 2010, 122, 245-254.	1.6	169
51	Subtle hemorrhagic brain injury is associated with neurodevelopmental impairment in infants with repaired congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 374-381.	0.4	41
52	Elevated Cerebral Pressure Passivity Is Associated With Prematurity-Related Intracranial Hemorrhage. <i>Pediatrics</i> , 2009, 124, 302-309.	1.0	138
53	Randomized trial of hematocrit 25% versus 35% during hypothermic cardiopulmonary bypass in infant heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 347-354.e4.	0.4	136
54	Cerebral Hemodynamic Changes During Intensive Care of Preterm Infants. <i>Pediatrics</i> , 2008, 122, e1006-e1013.	1.0	114

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55	Fluctuating Pressure-Passivity Is Common in the Cerebral Circulation of Sick Premature Infants. <i>Pediatric Research</i> , 2007, 61, 467-473.	1.1	367
56	Current Definitions of Hypotension Do Not Predict Abnormal Cranial Ultrasound Findings in Preterm Infants. <i>Pediatrics</i> , 2007, 120, 966-977.	1.0	76
57	The Current Etiologic Profile and Neurodevelopmental Outcome of Seizures in Term Newborn Infants. <i>Pediatrics</i> , 2006, 117, 1270-1280.	1.0	337
58	Characterizing the shape of anatomical structures with Poisson's equation. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 1249-1257.	5.4	13
59	Talairach-Based Parcellation of Neonatal Brain Magnetic Resonance Imaging Data: Validation of a New Approach. <i>Journal of Neuroimaging</i> , 2005, 15, 305-314.	1.0	4
60	New Numerical Solution of the Laplace Equation for Tissue Thickness Measurement in Three-Dimensional MRI. <i>Mathematical Modelling and Algorithms</i> , 2005, 4, 83-97.	0.5	10
61	Identification of Pressure Passive Cerebral Perfusion and Its Mediators after Infant Cardiac Surgery. <i>Pediatric Research</i> , 2005, 57, 35-41.	1.1	117
62	Talairach-Based Parcellation of Neonatal Brain Magnetic Resonance Imaging Data: Validation of a New Approach. , 2005, 15, 305-314.		0
63	CSF Removal in Infantile Posthemorrhagic Hydrocephalus Results in Significant Improvement in Cerebral Hemodynamics. <i>Pediatric Research</i> , 2004, 55, 872-876.	1.1	58
64	Peroneal neuropathy from Ankle-Foot orthoses. <i>Pediatric Neurology</i> , 2003, 29, 72-74.	1.0	16
65	Noninvasive Detection of Changes in Cerebral Blood Flow by Near-Infrared Spectroscopy in a Piglet Model of Hydrocephalus. <i>Pediatric Research</i> , 2000, 48, 445-449.	1.1	103
66	Cerebral infarction in Menkes's™ disease. <i>Pediatric Neurology</i> , 2000, 23, 425-428.	1.0	27
67	Near-infrared spectroscopy. <i>Seminars in Pediatric Neurology</i> , 1999, 6, 101-110.	1.0	58