Daniel J Licht

List of Publications by Year
in descending order

192	7,502	47006 47	62596 80
papers	citations	h-index	g-index

197	197	197	6884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurologic complications of infective endocarditis in children. Cardiology in the Young, 2023, 33, 463-472.	0.8	1
2	Does supply meet demand? A comparison of perfusion strategies on cerebral metabolism in a neonatal swine model. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e47-e58.	0.8	8
3	Effects of circulatory arrest and cardiopulmonary bypass on cerebral autoregulation in neonatal swine. Pediatric Research, 2022, 91, 1374-1382.	2.3	5
4	Association of Ongoing Cerebral Oxygen Extraction During Deep Hypothermic Circulatory Arrest With Postoperative Brain Injury. Seminars in Thoracic and Cardiovascular Surgery, 2022, 34, 1275-1284.	0.6	7
5	Radiographic and histologic characterisation of white matter injury in a sheep model of CHD. Cardiology in the Young, 2022, , 1-5.	0.8	0
6	Oral feeding dysfunction in post-operative infants with CHDs: a scoping review. Cardiology in the Young, 2022, , 1-9.	0.8	0
7	Chronic Hypoxemia Induces Mitochondrial Respiratory Complex Gene Expression in the Fetal Sheep Brain. JTCVS Open, 2022, , .	0.5	0
8	Harmonization of multi-center diffusion tensor tractography in neonates with congenital heart disease: Optimizing post-processing and application of ComBat. NeuroImage Reports, 2022, 2, 100114.	1.0	8
9	Noninvasive Optical Monitoring of ECMO Decannulation in an Infant with Congenital Diaphragmatic Hernia. , 2022, , .		0
10	Optical Assessment of Cerebral Oxygen Metabolism During Acute Carbon Monoxide Poisoning. , 2022, , .		1
11	Low frequency power in cerebral blood flow is a biomarker of neurologic injury in the acute period after cardiac arrest. Resuscitation, 2022, 178, 12-18.	3.0	4
12	Development and Validation of a Seizure Prediction Model in Neonates After Cardiac Surgery. Annals of Thoracic Surgery, 2021, 111, 2041-2048.	1.3	7
13	Variability in atlas registration of optical intrinsic signal imaging and its effect on functional connectivity analysis. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 245.	1.5	7
14	Non-invasive diffuse optical neuromonitoring during cardiopulmonary resuscitation predicts return of spontaneous circulation. Scientific Reports, 2021, 11, 3828.	3.3	9
15	Early Evaluation and the Effect of Socioeconomic Factors on Neurodevelopment in Infants with Tetralogy of Fallot. Pediatric Cardiology, 2021, 42, 643-653.	1.3	19
16	Correlation of non-invasive diffuse optical measurements of cerebral hemodynamics and cerebral microdialysis during extracorporeal membrane oxygenation. , 2021, , .		0
17	Neurosurgical shunting in neonatal hydrocephalus increased cerebral perfusion only in patients with elevated intracranial pressure. , 2021, , .		1
18	Effects of mild hypothermic cardiopulmonary bypass on cerebral hemodynamics: comparison of diffuse optical and cerebral microdialysis metrics in neonatal swine. , 2021, , .		0

#	Article	IF	Citations
19	Low frequency power in cerebral blood flow through cardiac arrest and recovery in a swine model. , 2021, , .		0
20	Wavelength censoring for spectroscopy in optical functional neuroimaging. Physics in Medicine and Biology, 2021, 66, 065026.	3.0	8
21	Understanding the phenotypic spectrum of ASXL â€related disease: Ten cases and a review of the literature. American Journal of Medical Genetics, Part A, 2021, 185, 1700-1711.	1.2	16
22	Impact of cerebral edema on diffuse optical spectroscopy quantification during extracorporeal membrane oxygenation (ECMO). , 2021, , .		0
23	Non-invasive estimation of intracranial pressure by fast diffuse correlation spectroscopy: a multi-center study. , 2021, , .		0
24	Commentary: Diffuse optical spectroscopies: Shedding light on neuroprotective strategies during cardiac surgery. JTCVS Techniques, 2021, 7, 178-179.	0.4	0
25	Neuroaxial Infantile Hemangiomas: Imaging Manifestations and Association with Hemangioma Syndromes. American Journal of Neuroradiology, 2021, 42, 1520-1527.	2.4	3
26	Chronic foetal hypoxaemia does not cause elevation of serum markers of brain injury. Cardiology in the Young, 2021, , 1-6.	0.8	0
27	Endovascular and thrombolytic treatment eligibility in childhood arterial ischemic stroke. European Journal of Paediatric Neurology, 2021, 34, 99-104.	1.6	5
28	Optical Detection of Intracranial Pressure and Perfusion Changes in Neonates With Hydrocephalus. Journal of Pediatrics, 2021, 236, 54-61.e1.	1.8	15
29	Cutting the Gordian Knot That Ties Intraoperative Conditions to Long-term Neurodevelopmental Outcomes in Children Undergoing Congenital Heart Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2889-2891.	1.3	3
30	Association of MRI Brain Injury With Outcome After Pediatric Out-of-Hospital Cardiac Arrest. Neurology, 2021, 96, e719-e731.	1.1	16
31	Increased cerebral mitochondrial dysfunction and reactive oxygen species with cardiopulmonary bypass. European Journal of Cardio-thoracic Surgery, 2021, 59, 1256-1264.	1.4	7
32	Neuroimaging of perinatal brain disorders. Advances in Magnetic Resonance Technology and Applications, 2021, , 501-527.	0.1	0
33	A Novel Embedded Feature Selection and Dimensionality Reduction Method for an SVM Type Classifier to Predict Periventricular Leukomalacia (PVL) in Neonates. Applied Sciences (Switzerland), 2021, 11, 11156.	2.5	2
34	Abstract 10700: Inverse Relationship Between Cerebral Blood Flow and Systemic to Pulmonary Collateral Flow in Fontans Adjusting for Brain Injury: What Goes up Must Come Down - and Visa Versa. Circulation, 2021, 144, .	1.6	0
35	Non-invasive optical neuromonitoring of the temperature-dependence of cerebral oxygen metabolism during deep hypothermic cardiopulmonary bypass in neonatal swine. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 187-203.	4.3	30
36	Prenatal hypoxemia alters microglial morphology in fetal sheep. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 270-277.	0.8	17

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37	Ex Utero Extracorporeal Support as a Model for Fetal Hypoxia and Brain Dysmaturity. Annals of Thoracic Surgery, 2020, 109, 810-819.	1.3	13
38	Outcome Trajectories after Primary Perinatal Hemorrhagic Stroke. Pediatric Neurology, 2020, 105, 41-47.	2.1	5
39	Epinephrineâ€™s effects on cerebrovascular and systemic hemodynamics during cardiopulmonary resuscitation. Critical Care, 2020, 24, 583.	5.8	33
40	171: CEREBRAL AUTOREGULATION FOLLOWING DEEP HYPOTHERMIA AND CIRCULATORY ARREST IN NEONATAL SWINE. Critical Care Medicine, 2020, 48, 68-68.	0.9	0
41	A retrospective comparison of phenobarbital and levetiracetam for the treatment of seizures following cardiac surgery in neonates. Epilepsia, 2020, 61, 627-635.	5.1	14
42	Noninvasive optical measurement of microvascular cerebral hemodynamics and autoregulation in the neonatal ECMO patient. Pediatric Research, 2020, 88, 925-933.	2.3	23
43	Oxygen Exposure During Cardiopulmonary Resuscitation Is Associated With Cerebral Oxidative Injury in a Randomized, Blinded, Controlled, Preclinical Trial. Journal of the American Heart Association, 2020, 9, e015032.	3.7	18
44	Cerebrovascular Malformations in a Pediatric Hereditary Hemorrhagic Telangiectasia Cohort. Pediatric Neurology, 2020, 110, 49-54.	2.1	8
45	674: DIFFUSION MRI ABNORMALITIES ARE ASSOCIATED WITH NEUROLOGIC OUTCOME AFTER PEDIATRIC CARDIAC ARREST. Critical Care Medicine, 2020, 48, 317-317.	0.9	0
46	Diffuse Optical Biomarkers of Elevated Intracranial Pressure in Hydrocephalus. , 2020, , .		0
47	Oxygen Saturation and Blood Flow Measured as a Function of Time During Cardiopulmonary Bypass. , 2020, , .		0
48	Optical Quantification of Cerebral Hemodynamics During Deep Hypothermic Cardiopulmonary Bypass with Selective Cerebral Perfusion. , 2020, , .		0
49	Quantifying Inter- and Intra-Observer Variability of Atlasing in Optical Intrinsic Signal Imaging. , 2020, , .		0
50	Abstract 14226: Resilience in Young Adults With CHD: Predictors and Impact on Quality of Life. Circulation, 2020, 142, .	1.6	0
51	Abstract 153: Non-invasive Measurement of Cerebral Tissue Oxygen Extraction Fraction is Correlated with Microdialysis Brain Injury Biomarkers During Extracorporeal Cardiopulmonary Resuscitation. Circulation, 2020, 142, .	1.6	1
52	Standards for Studies of Neurological Prognostication in Comatose Survivors of Cardiac Arrest: A Scientific Statement From the American Heart Association. Circulation, 2019, 140, e517-e542.	1.6	234
53	X-linked Charcotâ€“Marieâ€“Tooth Disease Presenting with Stuttering Stroke-like Symptoms. Neuropediatrics, 2019, 50, 304-307.	0.6	6
54	Electroencephalographic patterns preceding cardiac arrest in neonates following cardiac surgery. Resuscitation, 2019, 144, 67-74.	3.0	8

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55	Hemodynamic-Directed Cardiopulmonary Resuscitation Improves Neurologic Outcomes and Mitochondrial Function in the Heart and Brain. Critical Care Medicine, 2019, 47, e241-e249.	0.9	52
56	Chronic intrauterine hypoxia alters neurodevelopment in fetal sheep. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1982-1991.	0.8	36
57	Organ System Response to Cardiac Functionâ€"Neurology. , 2019, , 174-185.e5.		0
58	Brain segmentation, spatial censoring, and averaging techniques for optical functional connectivity imaging in mice. Biomedical Optics Express, 2019, 10, 5952.	2.9	13
59	Non-invasive optical assessment of intracranial pressure: pilot results in human patients. , 2019, , .		1
60	Cardiopulmonary Resuscitation in Infants and Children With Cardiac Disease. Circulation, 2018, 137, e691-e782.	1.6	119
61	Remote Ischemic Preconditioning DoesÂNot Prevent White Matter Injury inÂNeonates. Annals of Thoracic Surgery, 2018, 106, 151-155.	1.3	7
62	Neuromonitoring in the neonatal ECMO patient. Seminars in Perinatology, 2018, 42, 111-121.	2.5	34
63	Hearing Loss after Cardiac Surgery in Infancy: An Unintended Consequence of Life-Saving Care. Journal of Pediatrics, 2018, 192, 144-151.e1.	1.8	14
64	Characterization of the Placenta in the Newborn with Congenital Heart Disease: Distinctions Based on Type of Cardiac Malformation. Pediatric Cardiology, 2018, 39, 1165-1171.	1.3	92
65	Cerebral mitochondrial dysfunction associated with deep hypothermic circulatory arrest in neonatal swineâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 162-168.	1.4	28
66	Cerebrovascular response to maternal hyperoxygenation in fetuses with hypoplastic left heart syndrome depends on gestational age and baseline cerebrovascular resistance. Ultrasound in Obstetrics and Gynecology, 2018, 52, 473-478.	1.7	22
67	Electroencephalographic Response to Deep Hypothermic Circulatory Arrest in Neonatal Swine and Humans. Annals of Thoracic Surgery, 2018, 106, 1841-1846.	1.3	16
68	Noninvasive Optical Monitoring of Cerebral Blood Flow, Critical Closing Pressure, and Arteriole Compliance in Adult Human Subjects. , 2018, , .		0
69	Remission of seizures with immunosuppressive therapy in Parryâ€Romberg syndrome and en coup de sabre linear scleroderma: Case report and brief review of the literature. Pediatric Dermatology, 2018, 35, e363-e365.	0.9	21
70	Brain Injury During Transition in the Newborn With Congenital Heart Disease: Hazards of the Preoperative Period. Seminars in Pediatric Neurology, 2018, 28, 60-65.	2.0	15
71	Prediction of Periventricular Leukomalacia in Neonates after Cardiac Surgery Using Machine Learning Algorithms. Journal of Medical Systems, 2018, 42, 177.	3.6	18
72	Preoperative cerebral hemodynamics from birth to surgery in neonates with critical congenital heart disease. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1657-1664.	0.8	61

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73	Neurologic Outcome Predictors in Pediatric Intracerebral Hemorrhage. Stroke, 2018, 49, 1755-1758.	2.0	16
74	Abstract 278: A Randomized, Blinded Trial of 100% Oxygen vs. Room Air During Cardiopulmonary Resuscitation in a Large Animal Model of Pediatric Cardiac Arrest. Circulation, 2018, 138, .	1.6	3
75	Ocular Dipping in a Patient With Hemiplegic Migraine. Journal of Pediatric Ophthalmology and Strabismus, 2018, 55, e4-e6.	0.7	3
76	Prediction of Return of Spontaneous Circulation During Cardiopulmonary Resuscitation using Frequency-Domain Diffuse Optical Spectroscopy in a Pediatric Swine Model of Asphyxial Cardiac Arrest. , 2018, , .		0
77	Non-Invasive Diffuse Optical Quantification of Changes in Cerebral Oxygen Metabolism Following Deep Hypothermia and Circulatory Arrest in a Neonatal Swine Model. , 2018, , .		0
78	Individualizing critical care delivery - New opportunities. , 2018, , .		0
79	Abstract 102: Inhaled Nitric Oxide Mitigates Pulmonary Hypertension and Improves Cerebral Hemodynamics During Prolonged Cardiopulmonary Pesuscitation in a Swine Model of Pediatric Cardiac Arrest. Circulation, 2018, 138, .	1.6	0
80	Abstract 311: Selection of Optimal Predictor and Critical Thresholds for Return of Spontaneous Circulation Using Non-Invasive Frequency-Domain Diffuse Optical Spectroscopy During Cardiopulmonary Resuscitation. Circulation, 2018, 138, .	1.6	0
81	Abstract 159: Epinephrine Increases Cerebral Perfusion and Oxygenation in a Pre-Clinical Model of Pediatric In-Hospital Cardiac Arrest. Circulation, 2018, 138, .	1.6	0
82	Incidence of Recurrence in Posterior Circulation Childhood Arterial Ischemic Stroke. JAMA Neurology, 2017, 74, 316.	9.0	23
83	283: Quantifying placental oxygenation using ultrasound-guided frequency-domain near-infrared spectroscopy (FD-NIRS). American Journal of Obstetrics and Gynecology, 2017, 216, S172.	1.3	2
84	Incidence and predictors of epilepsy after pediatric arterial ischemic stroke. Neurology, 2017, 88, 630-637.	1.1	52
85	Electrographic Seizures in Children and Neonates Undergoing Extracorporeal Membrane Oxygenation. Pediatric Critical Care Medicine, 2017, 18, 249-257.	0.5	54
86	Noninvasive optical monitoring of critical closing pressure and arteriole compliance in human subjects. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2691-2705.	4.3	51
87	â€œThe more things changeâ€¦â€• The challenges ahead. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1026-1027.	0.8	0
88	Heterogeneous increases of regional cerebral blood flow during preterm brain development: Preliminary assessment with pseudo-continuous arterial spin labeled perfusion MRI. NeuroImage, 2017, 147, 233-242.	4.2	47
89	Neurological Injury and Cerebral Blood Flow in Single Ventricles Throughout Staged Surgical Reconstruction. Circulation, 2017, 135, 671-682.	1.6	34
90	Growth trajectory and neurodevelopmental outcome in infants with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2017, 52, 1944-1948.	1.6	24

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91	Does hypothermia impair cerebrovascular autoregulation in neonates during cardiopulmonary bypass?. Paediatric Anaesthesia, 2017, 27, 905-910.	1.1	18
92	Neurologic Disorders in Children with Heart Disease. , 2017, , 1205-1214.		0
93	Continuous cerebral hemodynamic measurement during deep hypothermic circulatory arrest. Biomedical Optics Express, 2016, 7, 3461.	2.9	30
94	Effect of anesthesia on cerebral oxygenation and blood flow in neonates with critical congenital heart disease. , 2016, , .		1
95	Neurodevelopmental Outcomes in Children With Congenital Heart Diseaseâ€"What Can We Impact?. Pediatric Critical Care Medicine, 2016, 17, S232-S242.	0.5	169
96	First things first: The importance of the preoperative period for neurocognitive outcomes in hypoplastic left heart syndrome. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1367-1368.	0.8	3
97	Educational Placement After Pediatric Intracerebral Hemorrhage. Pediatric Neurology, 2016, 61, 46-50.	2.1	15
98	Cerebral Lipiodol Embolism after Lymphatic Embolization for Plastic Bronchitis. Journal of Pediatrics, 2016, 176, 200-203.	1.8	27
99	Cerebral Blood Flow Response to Hypercapnia in Children with Obstructive Sleep Apnea Syndrome. Sleep, 2016, 39, 209-216.	1.1	26
100	Brain hypoxia before surgery; a tale of two cells: Astrocytes and oligodendrocytes. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 273-274.	0.8	1
101	Blood Flow Response to Orthostatic Challenges in Health and Diseased Populations. , 2016, , .		1
102	Pressure Modulation Algorithm to Separate Cerebral Hemodynamic Signals from Extracerebral Artifacts. , 2016, , .		0
103	Prediction of Periventricular Leukomalacia Occurrence in Neonates Using a Novel Support Vector Machine Classifier Optimization Method. , 2015, , .		1
104	Application of Mathematical Modeling for Simulation and Analysis of Hypoplastic Left Heart Syndrome (HLHS) in Pre- and Postsurgery Conditions. BioMed Research International, 2015, 2015, 1-14.	1.9	11
105	Relationship of cerebral blood flow to aortic-to-pulmonary collateral/shunt flow in single ventricles. Heart, 2015, 101, 1325-1331.	2.9	20
106	Combined use of Solitaire FR and Penumbra devices for endovascular treatment of cerebral venous sinus thrombosis in a child. Journal of NeuroInterventional Surgery, 2015, 7, e10-e10.	3.3	17
107	Intractable Nodulocystic Acne in a Patient with Trisomy 13. Pediatric Dermatology, 2015, 32, 381-382.	0.9	6
108	Pediatric cavernous sinus thrombosis. Neurology, 2015, 85, 763-769.	1.1	46

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109	The Path Forward Is to Look Backward in Time. Circulation, 2015, 131, 1307-1309.	1.6	2
110	Subclinical seizures identified by postoperative electroencephalographic monitoring are common after neonatal cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 169-180.	0.8	112
111	Scoring system for periventricular leukomalacia in infants with congenital heart disease. Pediatric Research, 2015, 78, 304-309.	2.3	18
112	Stroke in Children With Cardiac Disease: Report From the International Pediatric Stroke Study Group Symposium. Pediatric Neurology, 2015, 52, 5-15.	2.1	55
113	Haemorrhagic stroke in term and late preterm neonates. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F48-F53.	2.8	56
114	Frequency of Hematoma Expansion After Spontaneous Intracerebral Hemorrhage in Children. JAMA Neurology, 2014, 71, 165.	9.0	14
115	Pediatric Intracerebral Hemorrhage Score. Stroke, 2014, 45, 66-70.	2.0	30
116	Cerebral Oxygen Metabolism in Neonates with Congenital Heart Disease Quantified by MRI and Optics. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 380-388.	4.3	161
117	Thrombotic events in critically ill children with myocarditis. Cardiology in the Young, 2014, 24, 840-847.	0.8	6
118	Time to surgery and preoperative cerebral hemodynamics predict postoperative white matter injury in neonates with hypoplastic left heart syndrome. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2181-2188.	0.8	112
119	Brain Magnetic Resonance Immediately Before Surgery in Single Ventricles and Surgical Postponement. Annals of Thoracic Surgery, 2014, 98, 1693-1698.	1.3	6
120	Prediction of Periventricular Leukomalacia Occurrence in Neonates After Heart Surgery. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1453-1460.	6.3	12
121	Noninvasive Optical Quantification of Cerebral Venous Oxygen Saturation in Humans. Academic Radiology, 2014, 21, 162-167.	2.5	27
122	Time-Resolved MRI Oximetry for Quantifying CMRO2 and Vascular Reactivity. Academic Radiology, 2014, 21, 207-214.	2.5	24
123	Risk factors for preoperative periventricular leukomalacia in term neonates with hypoplastic left heart syndrome are patient related. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1312-1318.	0.8	52
124	Pre-Operative Cerebral Hemodynamics in Infants with Critical Congenital Heart Disease. , 2014, , .		0
125	Early postoperative changes in cerebral oxygen metabolism following neonatal cardiac surgery: Effects of surgical duration. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 196-205.e1.	0.8	55
126	Association of Impaired Linear Growth and Worse Neurodevelopmental Outcome in Infants with Single Ventricle Physiology: A Report from the Pediatric Heart Network Infant Single Ventricle Trial. Journal of Pediatrics, 2013, 162, 250-256.e2.	1.8	113

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127	Pediatric Intracerebral Hemorrhage. JAMA Neurology, 2013, 70, 448.	9.0	66
128	Development and Validation of a Semiquantitative Brain Maturation Score on Fetal MR Images: Initial Results. Radiology, 2013, 268, 200-207.	7.3	22
129	Sodium bicarbonate causes dose-dependent increases in cerebral blood flow in infants and children with single-ventricle physiology. Pediatric Research, 2013, 73, 668-673.	2.3	20
130	Discovering hidden relationships in physiological signals for prediction of Periventricular Leukomalacia. , 2013, 2013, 7080-3.		3
131	International Paediatric Stroke Study: Stroke Associated with Cardiac Disorders. International Journal of Stroke, 2013, 8, 39-44.	5.9	73
132	Evaluation of Intraventricular Hemorrhage in Pediatric Intracerebral Hemorrhage. Journal of Child Neurology, 2012, 27, 526-531.	1.4	7
133	The Pediatric Stroke Recurrence and Recovery Questionnaire. Neurology, 2012, 79, 864-870.	1.1	38
134	COL4A2 mutation associated with familial porencephaly and small-vessel disease. European Journal of Human Genetics, 2012, 20, 844-851.	2.8	84
135	Modified Pediatric ASPECTS Correlates with Infarct Volume in Childhood Arterial Ischemic Stroke. Frontiers in Neurology, 2012, 3, 122.	2.4	33
136	Application of decision tree in the prediction of periventricular leukomalacia (PVL) occurrence in neonates after heart surgery. , 2012, 2012, 5931-4.		9
137	Validation of diffuse correlation spectroscopic measurement of cerebral blood flow using phase-encoded velocity mapping magnetic resonance imaging. Journal of Biomedical Optics, 2012, 17, 037007.	2.6	77
138	Herpes Simplex Testing in Neonates in the Emergency Department. Pediatric Emergency Care, 2012, 28, 949-955.	0.9	11
139	Time-Frequency Analysis of Hemodynamic Waveforms to Predict the Occurrence and Severity of Periventricular Leukomalacia. , 2012, , .		0
140	Concurrent Validity and Reliability of Retrospective Scoring of the Pediatric National Institutes of Health Stroke Scale. Stroke, 2012, 43, 341-345.	2.0	46
141	Protecting the Infant Brain During Cardiac Surgery: A Systematic Review. Annals of Thoracic Surgery, 2012, 94, 1365-1373.	1.3	101
142	Younger gestational age is associated with worse neurodevelopmental outcomes after cardiac surgery in infancy. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 535-542.	0.8	63
143	Reference Range for Cerebrospinal Fluid Protein Concentration in Children and Adolescents. JAMA Pediatrics, 2011, 165, 671.	3.0	9
144	Computational Modeling of Hypoplastic Left Heart Syndrome (HLHS) in Newborn Babies. , 2011, , .		0

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145	Seizures as a Presenting Symptom of Acute Arterial Ischemic Stroke in Childhood. Journal of Pediatrics, 2011, 159, 479-483.	1.8	86
146	Hemorrhagic Transformation of Childhood Arterial Ischemic Stroke. Stroke, 2011, 42, 941-946.	2.0	76
147	Risk of Later Seizure After Perinatal Arterial Ischemic Stroke: A Prospective Cohort Study. Pediatrics, 2011, 127, e1550-e1557.	2.1	82
148	Neurodevelopment and quality of life for children with hypoplastic left heart syndrome: current knowns and unknowns. Cardiology in the Young, 2011, 21, 88-92.	0.8	48
149	Interrater Reliability of the Pediatric National Institutes of Health Stroke Scale (PedNIHSS) in a Multicenter Study. Stroke, 2011, 42, 613-617.	2.0	135
150	Noninvasive Cerebral Perfusion Imaging in High-Risk Neonates. Seminars in Perinatology, 2010, 34, 46-56.	2.5	54
151	Effects of congenital heart disease on brain development. Progress in Pediatric Cardiology, 2010, 29, 79-85.	0.4	118
152	Patient Position During Lumbar Puncture Has No Meaningful Effect on Cerebrospinal Fluid Opening Pressure in Children. Journal of Child Neurology, 2010, 25, 616-619.	1.4	22
153	Reference Range for Cerebrospinal Fluid Opening Pressure in Children. New England Journal of Medicine, 2010, 363, 891-893.	27.0	243
154	Quantification Issues in Arterial Spin Labeling Perfusion Magnetic Resonance Imaging. Topics in Magnetic Resonance Imaging, 2010, 21, 65-73.	1.2	63
155	Neuropsychological Status in Children After Repair of Acyanotic Congenital Heart Disease. Pediatrics, 2010, 126, e351-e359.	2.1	32
156	ABC/XYZ Estimates Intracerebral Hemorrhage Volume as a Percent of Total Brain Volume in Children. Stroke, 2010, 41, 691-694.	2.0	32
157	Predictors of Outcome in Childhood Intracerebral Hemorrhage. Stroke, 2010, 41, 313-318.	2.0	134
158	Optical measurement of cerebral hemodynamics and oxygen metabolism in neonates with congenital heart defects. Journal of Biomedical Optics, 2010, 15, 037004.	2.6	157
159	Cerebral cortical folding analysis with multivariate modeling and testing: Studies on gender differences and neonatal development. NeuroImage, 2010, 53, 450-459.	4.2	62
160	Preoperative Brain Injury in Transposition of the Great Arteries Is Associated With Oxygenation and Time to Surgery, Not Balloon Atrial Septostomy. Circulation, 2009, 119, 709-716.	1.6	230
161	Child Neurology: A case illustrating the role of imaging in evaluation of sudden infant death. Neurology, 2009, 73, e54-6.	1.1	0
162	Brain maturation is delayed in infants with complex congenital heart defects. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 529-537.	0.8	532

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163	Prediction of periventricular leukomalacia. Part II: Selection of hemodynamic features using computational intelligence. Artificial Intelligence in Medicine, 2009, 46, 217-231.	6.5	24
164	Prediction of periventricular leukomalacia. Part I: Selection of hemodynamic features using logistic regression and decision tree algorithms. Artificial Intelligence in Medicine, 2009, 46, 201-215.	6.5	36
165	Arterial spin labeling perfusion MRI in pediatric arterial ischemic stroke: Initial experiences. Journal of Magnetic Resonance Imaging, 2009, 29, 282-290.	3.4	83
166	Intravenous Levetiracetam Terminates Refractory Focal Status Epilepticus. Neurocritical Care, 2009, 10, 83-86.	2.4	22
167	Cerebral hemodynamics in preterm infants during positional intervention measured with diffuse correlation spectroscopy and transcranial Doppler ultrasound. Optics Express, 2009, 17, 12571.	3.4	159
168	Intravenous levetiracetam in critically ill children with status epilepticus or acute repetitive seizures. Pediatric Critical Care Medicine, 2009, 10, 505-510.	0.5	60
169	Multivariate High-Dimensional Cortical Folding Analysis, Combining Complexity and Shape, in Neonates with Congenital Heart Disease. Lecture Notes in Computer Science, 2009, 21, 552-563.	1.3	18
170	Gender Differences in Cerebral Cortical Folding: Multivariate Complexity-Shape Analysis with Insights into Handling Brain-Volume Differences. Lecture Notes in Computer Science, 2009, 12, 200-207.	1.3	5
171	Neurological complications associated with the treatment of patients with congenital cardiac disease: consensus definitions from the Multi-Societal Database Committee for Pediatric and Congenital Heart Disease. Cardiology in the Young, 2008, 18, 234-239.	0.8	42
172	Role of Diffusion MRI in Diagnosis of Spinal Cord Infarction in Children. Neuropediatrics, 2008, 39, 188-191.	0.6	34
173	The Cerebral Vasculopathy of PHACES Syndrome. Stroke, 2008, 39, 308-316.	2.0	108
174	Predicting outcome in children with hypoxic ischemic encephalopathy. Pediatric Critical Care Medicine, 2007, 8, 1-8.	0.5	65
175	Status Epilepticus Secondary to Hypertensive Encephalopathy as the Presenting Manifestation of Guillain-Barr?? Syndrome. Pediatric Emergency Care, 2007, 23, 659-661.	0.9	8
176	Lupus Anticoagulant and Thrombosis Following Henoch-SchÃ¶nlein Purpura. Pediatric Neurology, 2007, 36, 345-347.	2.1	24
177	Clinical Neonatal Brain MRI Segmentation Using Adaptive Nonparametric Data Models and Intensity-Based Markov Priors. , 2007, 10, 883-890.		44
178	Management of Common Neurologic Symptoms in Pediatric Palliative Care: Seizures, Agitation, and Spasticity. Pediatric Clinics of North America, 2007, 54, 709-733.	1.8	44
179	Neurologic Complications in Children Hospitalized with Influenza: Characteristics, Incidence, and Risk Factors. Journal of Pediatrics, 2007, 150, 306-310.	1.8	149
180	Pediatric Perfusion MR Imaging Using Arterial Spin Labeling. Neuroimaging Clinics of North America, 2006, 16, 149-167.	1.0	101

#	Article	IF	Citations
181	Why perfusion in neonates with congenital heart defects is negative â€" Technical issues related to pulsed arterial spin labeling. Magnetic Resonance Imaging, 2006, 24, 249-254.	1.8	26
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