

# Michael J Rivkin

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

3,772  
citations

147801

31  
h-index

133252

59  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescents With d-Transposition of the Great Arteries Corrected With the Arterial Switch Procedure. <i>Circulation</i> , 2011, 124, 1361-1369.	1.6	401
2	Symptomatic Neonatal Arterial Ischemic Stroke: The International Pediatric Stroke Study. <i>Pediatrics</i> , 2011, 128, e1402-e1410.	2.1	225
3	Developmental Changes in Organization of Structural Brain Networks. <i>Cerebral Cortex</i> , 2013, 23, 2072-2085.	2.9	203
4	Thrombolysis in Pediatric Stroke Study. <i>Stroke</i> , 2015, 46, 880-885.	2.0	193
5	Volumetric MRI Study of Brain in Children With Intrauterine Exposure to Cocaine, Alcohol, Tobacco, and Marijuana. <i>Pediatrics</i> , 2008, 121, 741-750.	2.1	140
6	Regional Brain Development in Serial Magnetic Resonance Imaging of Low-Risk Preterm Infants. <i>Pediatrics</i> , 2006, 118, 23-33.	2.1	139
7	Risk of Recurrent Arterial Ischemic Stroke in Childhood. <i>Stroke</i> , 2016, 47, 53-59.	2.0	138
8	Neuropsychological Status and Structural Brain Imaging in Adolescents With Single Ventricle Who Underwent the Fontan Procedure. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	126
9	White Matter Microstructure and Cognition in Adolescents with Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2014, 165, 936-944.e2.	1.8	115
10	Guidelines for Urgent Management of Stroke in Children. <i>Pediatric Neurology</i> , 2016, 56, 8-17.	2.1	110
11	Emergence of the Primary Pediatric Stroke Center. <i>Stroke</i> , 2014, 45, 2018-2023.	2.0	108
12	Infection, vaccination, and childhood arterial ischemic stroke. <i>Neurology</i> , 2015, 85, 1459-1466.	1.1	100
13	Adolescents with tetralogy of Fallot: neuropsychological assessment and structural brain imaging. <i>Cardiology in the Young</i> , 2015, 25, 338-347.	0.8	94
14	Pathways for Neuroimaging of Childhood Stroke. <i>Pediatric Neurology</i> , 2017, 69, 11-23.	2.1	87
15	Psychiatric Disorders and Function in Adolescents with d-Transposition of the Great Arteries. <i>Journal of Pediatrics</i> , 2014, 165, 760-766.	1.8	82
16	Perinatal Arterial Ischemic Stroke: Presentation, Risk Factors, Evaluation, and Outcome. <i>Pediatric Neurology</i> , 2014, 51, 760-768.	2.1	81
17	Moyamoya Disease in Children: Results From the International Pediatric Stroke Study. <i>Journal of Child Neurology</i> , 2017, 32, 924-929.	1.4	81
18	Developmental neuroimaging of children using magnetic resonance techniques. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2000, 6, 68-80.	3.6	74

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19	Adolescents with d-transposition of the great arteries repaired in early infancy demonstrate reduced white matter microstructure associated with clinical risk factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 543-549.e1.	0.8	74
20	Relationship of white matter network topology and cognitive outcome in adolescents with d-transposition of the great arteries. <i>NeuroImage: Clinical</i> , 2015, 7, 438-448.	2.7	70
21	Oligodendroglial development in human fetal cerebrum. <i>Annals of Neurology</i> , 1995, 38, 92-101.	5.3	68
22	Pediatric CNS-isolated hemophagocytic lymphohistiocytosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e560.	6.0	54
23	Pathways for Neuroimaging of Neonatal Stroke. <i>Pediatric Neurology</i> , 2017, 69, 37-48.	2.1	52
24	White Matter Volume Predicts Language Development in Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2017, 181, 42-48.e2.	1.8	52
25	Risk of Intracranial Hemorrhage Following Intravenous tPA (Tissue-Type Plasminogen Activator) for Acute Stroke Is Low in Children. <i>Stroke</i> , 2020, 51, 542-548.	2.0	52
26	Placental Pathology in Neonatal Stroke: A Retrospective Case-Control Study. <i>Journal of Pediatrics</i> , 2018, 195, 39-47.e5.	1.8	51
27	Early-Term Birth in Single-Ventricle Congenital Heart Disease After the Fontan Procedure: Neurodevelopmental and Psychiatric Outcomes. <i>Journal of Pediatrics</i> , 2016, 179, 96-103.	1.8	47
28	Psychiatric Disorders and Function in Adolescents with Tetralogy of Fallot. <i>Journal of Pediatrics</i> , 2017, 187, 165-173.	1.8	45
29	Preparing for a "Pediatric Stroke Alert". <i>Pediatric Neurology</i> , 2016, 56, 18-24.	2.1	39
30	Altered White Matter Microstructure Correlates with IQ and Processing Speed in Children and Adolescents Post-Fontan. <i>Journal of Pediatrics</i> , 2018, 200, 140-149.e4.	1.8	39
31	Inflammatory Biomarkers in Childhood Arterial Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2221-2228.	2.0	38
32	Spectrum of cerebral arteriopathies in children with arterial ischemic stroke. <i>Neurology</i> , 2020, 94, e2479-e2490.	1.1	34
33	Organizational topology of brain and its relationship to ADHD in adolescents with d-transposition of the great arteries. <i>Brain and Behavior</i> , 2016, 6, e00504.	2.2	33
34	The diffusion tensor imaging (DTI) component of the NIH MRI study of normal brain development (PedsDTI). <i>NeuroImage</i> , 2016, 124, 1125-1130.	4.2	32
35	Workup for Perinatal Stroke Does Not Predict Recurrence. <i>Stroke</i> , 2017, 48, 2078-2083.	2.0	32
36	A functional magnetic resonance imaging study of paced finger tapping in children. <i>Pediatric Neurology</i> , 2003, 28, 89-95.	2.1	31

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37	Arterial Spin Labeling Perfusion Magnetic Resonance Imaging Performed in Acute Perinatal Stroke Reveals Hyperperfusion Associated With Ischemic Injury. <i>Stroke</i> , 2016, 47, 1514-1519.	2.0	30
38	Altered Gray Matter in Adolescents with d-Transposition of the Great Arteries. <i>Journal of Pediatrics</i> , 2016, 169, 36-43.e1.	1.8	29
39	Disrupted N-linked glycosylation as a disease mechanism in deficiency of ADA2. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1363-1365.e8.	2.9	28
40	Graph theory analysis of cortical thickness networks in adolescents with d-transposition of the great arteries. <i>Brain and Behavior</i> , 2018, 8, e00834.	2.2	25
41	Arterial Ischemic Stroke Secondary to Cardiac Disease in Neonates and Children. <i>Pediatric Neurology</i> , 2019, 100, 35-41.	2.1	25
42	A Stroke Alert Protocol Decreases the Time to Diagnosis of Brain Attack Symptoms in a Pediatric Emergency Department. <i>Journal of Pediatrics</i> , 2020, 216, 136-141.e6.	1.8	24
43	Whole Exome Sequencing Reveals a Monogenic Cause of Disease in 43% of 35 Families With Midaortic Syndrome. <i>Hypertension</i> , 2018, 71, 691-699.	2.7	22
44	EEG features of brain injury during extracorporeal membrane oxygenation in children. <i>Neurology</i> , 2020, 95, e1372-e1380.	1.1	22
45	Prevalence of Symptoms of Anxiety, Depression, and Post-traumatic Stress Disorder in Parents and Children Following Pediatric Stroke. <i>Journal of Child Neurology</i> , 2020, 35, 472-479.	1.4	21
46	Safety of Prolonged Inhalation of Hydrogen Gas in Air in Healthy Adults. , 2021, 3, e543.		20
47	Reduced cortical volume and thickness and their relationship to medical and operative features in post-Fontan children and adolescents. <i>Pediatric Research</i> , 2017, 81, 881-890.	2.3	17
48	Abnormal Left-Hemispheric Sulcal Patterns Correlate with Neurodevelopmental Outcomes in Subjects with Single Ventricular Congenital Heart Disease. <i>Cerebral Cortex</i> , 2020, 30, 476-487.	2.9	17
49	Exclusion of the gastrin-releasing peptide receptor (GRPR) locus as a candidate gene for Rett syndrome. , 1998, 78, 173-175.		14
50	Stroke in Acquired and Congenital Heart Disease Patients and Its Relationship to Hospital Mortality and Lasting Neurologic Deficits. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 976-983.	0.5	13
51	Predictors of Stroke After Transient Ischemic Attack in Children. <i>Stroke</i> , 2016, 47, 88-93.	2.0	12
52	Transient Focal Neurologic Symptoms Correspond to Regional Cerebral Hypoperfusion by MRI: A Stroke Mimic in Children. <i>American Journal of Neuroradiology</i> , 2017, 38, 2199-2202.	2.4	12
53	Ascending Aorta Size at Birth Predicts White Matter Microstructure in Adolescents Who Underwent Fontan Palliation. <i>Journal of the American Heart Association</i> , 2018, 7, e010395.	3.7	12
54	The Way Forward: Challenges and Opportunities in Pediatric Stroke. <i>Pediatric Neurology</i> , 2016, 56, 3-7.	2.1	10

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55	Transient regional cerebral hypoperfusion during a paroxysmal hemiplegic event in GLUT1 deficiency syndrome. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 544-547.	1.6	9
56	Stroke After Cardiac Catheterization in Children. <i>Pediatric Neurology</i> , 2019, 100, 42-48.	2.1	9
57	Serial vessel wall MR imaging of pediatric tuberculous vasculitis. <i>Neurology: Clinical Practice</i> , 2019, 9, 459-461.	1.6	8
58	Fatal Central Nervous System Disease Following First Infliximab Infusion in a Child With Inflammatory Bowel Disease. <i>Pediatric Neurology</i> , 2016, 57, 91-94.	2.1	7
59	Modeling severe functional impairment or death following ECPR in pediatric cardiac patients: Planning for an interventional trial. <i>Resuscitation</i> , 2021, 167, 12-21.	3.0	7
60	O-018â€fNew Evidence for Structural Brain Differences in Pediatric Crohnâ€™s Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S6-S7.	1.9	6
61	Diffusion-Weighted Imaging Changes in a Child With Posterior Ischemic Optic Neuropathy. <i>Pediatric Neurology</i> , 2018, 84, 49-52.	2.1	6
62	Characteristics and Outcome in Children With Craniectomy Following Acute Ischemic Stroke in the International Pediatric Stroke Study. <i>Journal of Child Neurology</i> , 2019, 34, 765-769.	1.4	6
63	Survey of practice patterns and preparedness for endovascular therapy in acute pediatric stroke. <i>Child's Nervous System</i> , 2019, 35, 2371-2378.	1.1	6
64	ACR Appropriateness Criteriaâ€™ Cerebrovascular Disease-Child. <i>Journal of the American College of Radiology</i> , 2020, 17, S36-S54.	1.8	5
65	Reversible Vasoconstriction Syndrome Involving the Basilar Artery in an Adolescent: Imaging and Clinical Features. <i>Pediatric Neurology</i> , 2015, 52, 635-637.	2.1	4
66	Abnormal Right-Hemispheric Sulcal Patterns Correlate with Executive Function in Adolescents with Tetralogy of Fallot. <i>Cerebral Cortex</i> , 2021, 31, 4670-4680.	2.9	4
67	Inflammation and Steroid Therapy Is Associated With White Matter Microstructure Integrity in Pediatric Crohnâ€™s Disease. <i>Inflammatory Bowel Diseases</i> , 2012, 18, S3-S4.	1.9	0
68	O-010â€fGray Matter Volume, Cognition, Corticosteroids and Inflammation. <i>Inflammatory Bowel Diseases</i> , 2013, 19, S7.	1.9	0
69	Epilepsy as the â€echoâ€™ of acute stroke in children. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 6-6.	2.1	0
70	Child Neurology: Recurrent Brainstem Strokes and Aphthous Ulcers in a Child With Mutations in the ADA2 Gene. <i>Neurology</i> , 2021, , 10.1212/WNL.0000000000012271.	1.1	0