

Bruce H Bjornson

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,489
citations

257450

24
h-index

214800

47
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54
all docs

54
docs citations

54
times ranked

3615
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal white matter microstructural changes in pediatric mild traumatic brain injury: An A-CAP study. <i>Human Brain Mapping</i> , 2022, 43, 3809-3823.	3.6	21
2	Comparison of CPU and GPU bayesian estimates of fibre orientations from diffusion MRI. <i>PLoS ONE</i> , 2022, 17, e0252736.	2.5	3
3	Prenatal antidepressant exposure and sex differences in neonatal corpus callosum microstructure. <i>Developmental Psychobiology</i> , 2021, 63, e22125.	1.6	14
4	Functional Magnetic Resonance Imaging Findings in Children and Adolescents With Chronic Kidney Disease: Preliminary Findings. <i>Seminars in Nephrology</i> , 2021, 41, 462-475.	1.6	7
5	Alterations in Resting-State Networks Following In Utero Selective Serotonin Reuptake Inhibitor Exposure in the Neonatal Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 39-49.	1.5	17
6	Diagnostic Yield and Treatment Impact of Targeted Exome Sequencing in Early-Onset Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 434.	2.4	70
7	Hub distribution of the brain functional networks of newborns prenatally exposed to maternal depression and SSRI antidepressants. <i>Depression and Anxiety</i> , 2019, 36, 753-765.	4.1	14
8	Dyslipidemia in Children With Arterial Ischemic Stroke: Prevalence and Risk Factors. <i>Pediatric Neurology</i> , 2018, 78, 46-54.	2.1	20
9	Brain abnormalities in children and adolescents with chronic kidney disease. <i>Pediatric Research</i> , 2018, 84, 387-392.	2.3	30
10	Harnessing Neuroimaging Capability in Pediatric Stroke: Proceedings of the Stroke Imaging Laboratory for Children Workshop. <i>Pediatric Neurology</i> , 2017, 69, 3-10.	2.1	6
11	Epidemiology and Outcomes of Arterial Ischemic Stroke in Children: The Canadian Pediatric Ischemic Stroke Registry. <i>Pediatric Neurology</i> , 2017, 69, 58-70.	2.1	213
12	Advancing Concussion Assessment in Pediatrics (A-CAP): a prospective, concurrent cohort, longitudinal study of mild traumatic brain injury in children: protocol study. <i>BMJ Open</i> , 2017, 7, e017012.	1.9	54
13	Further Validation of the <i>SIGMAR1</i> c.151+1G>T Mutation as Cause of Distal Hereditary Motor Neuropathy. <i>Child Neurology Open</i> , 2016, 3, 2329048X1666991.	1.1	14
14	Inflammatory Biomarkers in Childhood Arterial Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2221-2228.	2.0	38
15	Surface displacement based shape analysis of central brain structures in preterm-born children. , 2016, , .		0
16	Risk of Recurrent Arterial Ischemic Stroke in Childhood. <i>Stroke</i> , 2016, 47, 53-59.	2.0	138
17	Arterial Tortuosity: An Imaging Biomarker of Childhood Stroke Pathogenesis?. <i>Stroke</i> , 2016, 47, 1265-1270.	2.0	22
18	Infection, vaccination, and childhood arterial ischemic stroke. <i>Neurology</i> , 2015, 85, 1459-1466.	1.1	100

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19	Neonatal Pain and Infection Relate to Smaller Cerebellum in Very Preterm Children at School Age. <i>Journal of Pediatrics</i> , 2015, 167, 292-298.e1.	1.8	115
20	Manually segmented template library for 8-year-old pediatric brain MRI data with 16 subcortical structures. <i>Journal of Medical Imaging</i> , 2014, 1, 034502.	1.5	3
21	Cerebellar language mapping and cerebral language dominance in pediatric epilepsy surgery patients. <i>NeuroImage: Clinical</i> , 2014, 6, 296-306.	2.7	30
22	Arteriopathy Diagnosis in Childhood Arterial Ischemic Stroke. <i>Stroke</i> , 2014, 45, 3597-3605.	2.0	130
23	The effects of pediatric epilepsy on a language connectome. <i>Human Brain Mapping</i> , 2014, 35, 5996-6010.	3.6	18
24	Antithrombotic Therapy for Secondary Stroke Prevention in Bacterial Meningitis in Children. <i>Journal of Pediatrics</i> , 2014, 165, 799-806.	1.8	25
25	Invasive Procedures in Preterm Children: Brain and Cognitive Development at School Age. <i>Pediatrics</i> , 2014, 133, 412-421.	2.1	204
26	Classification of fMRI patterns—A study of the language network segregation in pediatric localization related epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 1446-1460.	3.6	12
27	A decisional space for fMRI pattern separation using the principal component analysis—a comparative study of language networks in pediatric epilepsy. <i>Human Brain Mapping</i> , 2013, 34, 2330-2342.	3.6	15
28	Serial monitoring of CO ₂ reactivity following sport concussion using hypocapnia and hypercapnia. <i>Brain Injury</i> , 2013, 27, 346-353.	1.2	65
29	Neonatal Pain-Related Stress Predicts Cortical Thickness at Age 7 Years in Children Born Very Preterm. <i>PLoS ONE</i> , 2013, 8, e76702.	2.5	213
30	Cortical basis for dichotic pitch perception in developmental dyslexia. <i>Brain and Language</i> , 2012, 123, 104-112.	1.6	6
31	Symptomatic Neonatal Arterial Ischemic Stroke: The International Pediatric Stroke Study. <i>Pediatrics</i> , 2011, 128, e1402-e1410.	2.1	225
32	Sub€patterns of language network reorganization in pediatric localization related epilepsy: A multisite study. <i>Human Brain Mapping</i> , 2011, 32, 784-799.	3.6	49
33	Cerebrovascular Reactivity Impairment after Sport-Induced Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2241-2248.	0.4	119
34	Antithrombotic Treatment in Neonatal Cerebral Sinovenous Thrombosis: Results of the International Pediatric Stroke Study. <i>Journal of Pediatrics</i> , 2010, 156, 704-710.e2.	1.8	102
35	The role of area V5/MT+ in the centripetal bias in global motion perception. <i>Journal of Vision</i> , 2010, 7, 751-751.	0.3	0
36	Conscious visual abilities in a patient with early bilateral occipital damage. <i>Journal of Vision</i> , 2010, 2, 428-428.	0.3	0

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37	Combined Functional MRI and Diffusion Tensor Imaging Analysis of Visual Motion Pathways. Journal of Neuro-Ophthalmology, 2009, 29, 96-103.	0.8	36
38	Intracranial Calcification after Cord Blood Neonatal Transplantation for Krabbe Disease. Neuropediatrics, 2009, 40, 189-191.	0.6	7
39	FP28-TU-04 Cerebral venous sinus thrombosis and common childhood illness. Journal of the Neurological Sciences, 2009, 285, S102.	0.6	0
40	Anti-basal ganglia antibodies and acute movement disorder following herpes zoster and streptococcal infections. European Journal of Paediatric Neurology, 2007, 11, 104-107.	1.6	4
41	The role of cortical area V5/MT+ in speed-tuned directional anisotropies in global motion perception. Vision Research, 2007, 47, 887-898.	1.4	36
42	Genotypic heterogeneity and clinical phenotype in triple A syndrome: a review of the NIH experience 2000-2005. Clinical Genetics, 2005, 68, 215-221.	2.0	76
43	Asymmetrical cortical activation by global motion in children with dyslexia. Journal of Vision, 2005, 5, 848-848.	0.3	0
44	Psychophysical Indexes of Temporal Processing Abnormalities in Children With Developmental Dyslexia. Developmental Neuropsychology, 2004, 25, 321-354.	1.4	71
45	Simultaneous registration and activation detection for fMRI. IEEE Transactions on Medical Imaging, 2003, 22, 1427-1435.	8.9	14
46	Overcoming activation-induced registration errors in fMRI. , 2003, , .		1
47	Conscious visual abilities in a patient with early bilateral occipital damage. Developmental Medicine and Child Neurology, 2003, 45, 772-781.	2.1	21
48	fMRI activation and residual vision for rapid movement in a case of bilateral cortical blindness due to early occipital damage. NeuroImage, 2001, 13, 886.	4.2	0
49	Cerebral Sinovenous Thrombosis in Children. New England Journal of Medicine, 2001, 345, 417-423.	27.0	1,016
50	Dichotic pitch. NeuroReport, 1998, 9, 3001-3005.	1.2	61
51	Basal ganglia infarction associated with HHV-6 infection. Archives of Disease in Childhood, 1997, 76, 362-364.	1.9	25
52	Computed Tomography Imaging in Children with Head Trauma: Utilization and Appropriateness from a Quality Improvement Perspective. Infection Control and Hospital Epidemiology, 1993, 14, 491-499.	1.8	3
53	Computed Tomography Imaging in Children with Head Trauma: Utilization and Appropriateness from a Quality Improvement Perspective. Infection Control and Hospital Epidemiology, 1993, 14, 491-499.	1.8	5