Scott K Holland

List of Publications by Year in Descending Order

207 papers	11,762 citations	56 h-index	101 g-index
216 ext. papers	13,169 ext. citations	4.6 avg, IF	6.24 L-index

#	Paper	IF	Citations
207	The role of visual attention in dyslexia: Behavioral and neurobiological evidence.. *Human Brain Mapping*, **2022**,	5.9	4
206	Maternal depression is associated with decreased functional connectivity within semantics and phonology networks in preschool children. *Depression and Anxiety*, **2021**, 38, 826-835	8.4	
205	Validation of and Association With Cortical Thickness. *Pediatrics*, **2021**, 147,	7.4	2
204	Bayesian MEG time courses with fMRI priors. *Brain Imaging and Behavior*, **2021**, 1	4.1	0
203	Extremely preterm children demonstrate hyperconnectivity during verb generation: A multimodal approach. *NeuroImage: Clinical*, **2021**, 30, 102589	5.3	2
202	Maternal depression is associated with altered functional connectivity between neural circuits related to visual, auditory, and cognitive processing during stories listening in preschoolers. *Behavioral and Brain Functions*, **2020**, 16, 5	4.1	4
201	Rewiring the extremely preterm brain: Altered structural connectivity relates to language function. *NeuroImage: Clinical*, **2020**, 25, 102194	5.3	9
200	Associations Between Screen-Based Media Use and Brain White Matter Integrity in Preschool-Aged Children. *JAMA Pediatrics*, **2020**, 174, e193869	8.3	82
199	Associations between home literacy environment, brain white matter integrity and cognitive abilities in preschool-age children. *Acta Paediatrica, International Journal of Paediatrics*, **2020**, 109, 1376-1386	3.1	18
198	Extremely preterm children exhibit altered cortical thickness in language areas. *Scientific Reports*, **2020**, 10, 10824	4.9	5
197	Differences in functional brain network connectivity during stories presented in audio, illustrated, and animated format in preschool-age children. *Brain Imaging and Behavior*, **2020**, 14, 130-141	4.1	16
196	Functional Connectivity of Attention, Visual, and Language Networks During Audio, Illustrated, and Animated Stories in Preschool-Age Children. *Brain Connectivity*, **2019**, 9, 580-592	2.7	5
195	Objective and Automated Detection of Diffuse White Matter Abnormality in Preterm Infants Using Deep Convolutional Neural Networks. *Frontiers in Neuroscience*, **2019**, 13, 610	5.1	11
194	Developmental changes in functional brain networks from birth through adolescence. *Human Brain Mapping*, **2019**, 40, 1434-1444	5.9	8
193	Clinical, cortical thickness and neural activity predictors of future affective lability in youth at risk for bipolar disorder: initial discovery and independent sample replication. *Molecular Psychiatry*, **2019**, 24, 1856-1867	15.1	11
192	Changes in functional organization and functional connectivity during story listening in children with benign childhood epilepsy with centro-temporal spikes. *Brain and Language*, **2019**, 193, 10-17	2.9	7
191	Decreased functional connectivity in the fronto-parietal network in children with mood disorders compared to children with dyslexia during rest: An fMRI study. *NeuroImage: Clinical*, **2018**, 18, 582-590	5.3	2

190	Extremely preterm children exhibit increased interhemispheric connectivity for language: findings from fMRI-constrained MEG analysis. *Developmental Science*, **2018**, 21, e12669	4.5	16
189	Brain gray matter volume differences in obese youth with type 2 diabetes: a pilot study. *Journal of Pediatric Endocrinology and Metabolism*, **2018**, 31, 261-268	1.6	6
188	Maternal reading fluency is positively associated with greater functional connectivity between the child's future reading network and regions related to executive functions and language processing in preschool-age children. *Brain and Cognition*, **2018**, 121, 17-23	2.7	15
187	The feasibility of improving discourse in people with aphasia through AAC: Clinical and functional MRI correlates. *Aphasiology*, **2018**, 32, 693-719	1.6	15
186	Early prediction of cognitive deficits in very preterm infants using functional connectome data in an artificial neural network framework. *NeuroImage: Clinical*, **2018**, 18, 290-297	5.3	33
185	Altered functional network connectivity in preterm infants: antecedents of cognitive and motor impairments?. *Brain Structure and Function*, **2018**, 223, 3665-3680	4	23
184	Pseudo continuous arterial spin labeling quantification in anemic subjects with hyperemic cerebral blood flow. *Magnetic Resonance Imaging*, **2018**, 47, 137-146	3.3	19
183	Longitudinal fMRI study of language recovery after a left hemispheric ischemic stroke. *Restorative Neurology and Neuroscience*, **2018**, 36, 359-385	2.8	16
182	fMRI as a Preimplant Objective Tool to Predict Children's Postimplant Auditory and Language Outcomes as Measured by Parental Observations. *Journal of the American Academy of Audiology*, **2018**, 29, 389-404	1.3	0
181	Obese adolescents with type 2 diabetes perform worse than controls on cognitive and behavioral assessments. *Pediatric Diabetes*, **2017**, 18, 297-303	3.6	12
180	Neurite density index is sensitive to age related differences in the developing brain. *NeuroImage*, **2017**, 148, 373-380	7.9	63
179	Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology. *Neurology*, **2017**, 88, 395-402	6.5	138
178	The canonical semantic network supports residual language function in chronic post-stroke aphasia. *Human Brain Mapping*, **2017**, 38, 1636-1658	5.9	27
177	Maturation of Brain Regions Related to the Default Mode Network during Adolescence Facilitates Narrative Comprehension. *Journal of Child and Adolescent Behavior*, **2017**, 5,		2
176	Age-related language lateralization assessed by fMRI: The effects of sex and handedness. *Brain Research*, **2017**, 1674, 20-35	3.7	25
175	Reading related white matter structures in adolescents are influenced more by dysregulation of emotion than behavior. *NeuroImage: Clinical*, **2017**, 15, 732-740	5.3	2
174	Shared Reading Quality and Brain Activation during Story Listening in Preschool-Age Children. *Journal of Pediatrics*, **2017**, 191, 204-211.e1	3.6	37
173	Amygdala-prefrontal cortical functional connectivity during implicit emotion processing differentiates youth with bipolar spectrum from youth with externalizing disorders. *Journal of Affective Disorders*, **2017**, 208, 94-100	6.6	19

172	Longitudinal relationships among activity in attention redirection neural circuitry and symptom severity in youth. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2017**, 2, 336-345	3.4	7
171	CerebroMatic: A Versatile Toolbox for Spline-Based MRI Template Creation. *Frontiers in Computational Neuroscience*, **2017**, 11, 5	3.5	38
170	Story time turbocharger? Child engagement during shared reading and cerebellar activation and connectivity in preschool-age children listening to stories. *PLoS ONE*, **2017**, 12, e0177398	3.7	28
169	Characterizing Information Flux Within the Distributed Pediatric Expressive Language Network: A Core Region Mapped Through fMRI-Constrained MEG Effective Connectivity Analyses. *Brain Connectivity*, **2016**, 6, 76-83	2.7	18
168	Changes of White Matter Diffusion Anisotropy in Response to a 6-Week iPad Application-Based Occupational Therapy Intervention in Children with Surgically Treated Hydrocephalus: A Pilot Study. *Neuropediatrics*, **2016**, 47, 336-40	1.6	2
167	Functional and structural connectivity of the visual system in infants with perinatal brain injury. *Pediatric Research*, **2016**, 80, 43-8	3.2	10
166	Can Emotional and Behavioral Dysregulation in Youth Be Decoded from Functional Neuroimaging?. *PLoS ONE*, **2016**, 11, e0117603	3.7	13
165	The Calculation of Language Lateralization Indices in Post-stroke Aphasia: A Comparison of a Standard and a Lesion-Adjusted Formula. *Frontiers in Human Neuroscience*, **2016**, 10, 493	3.3	7
164	fMRI as a Preimplant Objective Tool to Predict Postimplant Oral Language Outcomes in Children with Cochlear Implants. *Ear and Hearing*, **2016**, 37, e263-72	3.4	14
163	Arcuate fasciculus asymmetry has a hand in language function but not handedness. *Human Brain Mapping*, **2016**, 37, 3297-309	5.9	28
162	Diffusion tensor imaging study of pediatric patients with congenital hydrocephalus: 1-year postsurgical outcomes. *Journal of Neurosurgery: Pediatrics*, **2016**, 18, 306-19	2.1	23
161	Left hemisphere structural connectivity abnormality in pediatric hydrocephalus patients following surgery. *NeuroImage: Clinical*, **2016**, 12, 631-639	5.3	7
160	White matter structure in youth with behavioral and emotional dysregulation disorders: a probabilistic tractographic study. *JAMA Psychiatry*, **2015**, 72, 367-76	14.5	25
159	Unanticipated findings in pediatric neuroimaging research: prevalence of abnormalities and process for reporting and clinical follow-up. *Brain Imaging and Behavior*, **2015**, 9, 32-42	4.1	12
158	Relationship between receptive vocabulary and the neural substrates for story processing in preschoolers. *Brain Imaging and Behavior*, **2015**, 9, 43-55	4.1	13
157	Abnormal structural connectivity in the brain networks of children with hydrocephalus. *NeuroImage: Clinical*, **2015**, 8, 483-92	5.3	13
156	The accuracy of linear indices of ventricular volume in pediatric hydrocephalus: technical note. *Journal of Neurosurgery: Pediatrics*, **2015**, 15, 547-51	2.1	34
155	Right is not always wrong: DTI and fMRI evidence for the reliance of reading comprehension on language-comprehension networks in the right hemisphere. *Brain Imaging and Behavior*, **2015**, 9, 19-31	4.1	26

154	Greater functional connectivity between reading and error-detection regions following training with the reading acceleration program in children with reading difficulties. *Annals of Dyslexia*, **2015**, 65, 1-23	1.8	30
153	Periventricular hyperintensity in children with hydrocephalus. *Pediatric Radiology*, **2015**, 45, 1189-97	2.8	12
152	Home Reading Environment and Brain Activation in Preschool Children Listening to Stories. *Pediatrics*, **2015**, 136, 466-78	7.4	87
151	Predicting better performance on a college preparedness test from narrative comprehension at the age of 6 years: An fMRI study. *Brain Research*, **2015**, 1629, 54-62	3.7	11
150	Increased resting-state functional connectivity of visual- and cognitive-control brain networks after training in children with reading difficulties. *NeuroImage: Clinical*, **2015**, 8, 619-30	5.3	36
149	Decreased amygdala-insula resting state connectivity in behaviorally and emotionally dysregulated youth. *Psychiatry Research - Neuroimaging*, **2015**, 231, 77-86	2.9	46
148	A semi-supervised Support Vector Machine model for predicting the language outcomes following cochlear implantation based on pre-implant brain fMRI imaging. *Brain and Behavior*, **2015**, 5, e00391	3.4	19
147	Evidence that neurovascular coupling underlying the BOLD effect increases with age during childhood. *Human Brain Mapping*, **2015**, 36, 1-15	5.9	25
146	Cognition and Brain Structure Following Early Childhood Surgery With Anesthesia. *Pediatrics*, **2015**, 136, e1-12	7.4	168
145	Functional MRI evidence for fine motor praxis dysfunction in children with persistent speech disorders. *Brain Research*, **2015**, 1597, 47-56	3.7	22
144	Differences in paracingulate connectivity associated with epileptiform discharges and uncontrolled seizures in genetic generalized epilepsy. *Epilepsia*, **2014**, 55, 256-63	6.4	23
143	Abnormal deactivation of the inferior frontal gyrus during implicit emotion processing in youth with bipolar disorder: attenuated by medication. *Journal of Psychiatric Research*, **2014**, 58, 129-36	5.2	29
142	Reading improvement in English- and Hebrew-speaking children with reading difficulties after reading acceleration training. *Annals of Dyslexia*, **2014**, 64, 183-201	1.8	26
141	Data on the safety of repeated MRI in healthy children. *NeuroImage: Clinical*, **2014**, 4, 526-30	5.3	12
140	Involvement of the right hemisphere in reading comprehension: a DTI study. *Brain Research*, **2014**, 1582, 34-44	3.7	33
139	Unilateral deafness in children affects development of multi-modal modulation and default mode networks. *Frontiers in Human Neuroscience*, **2014**, 8, 164	3.3	49
138	Greater Utilization of Neural-Circuits Related to Executive Functions is Associated with Better Reading: A Longitudinal fMRI Study Using the Verb Generation Task. *Frontiers in Human Neuroscience*, **2014**, 8, 447	3.3	23
137	Comparison of functional network connectivity for passive-listening and active-response narrative comprehension in adolescents. *Brain Connectivity*, **2014**, 4, 273-85	2.7	7

136	Parsing dimensional vs diagnostic category-related patterns of reward circuitry function in behaviorally and emotionally dysregulated youth in the Longitudinal Assessment of Manic Symptoms study. *JAMA Psychiatry*, **2014**, 71, 71-80	14.5	38
135	Reading acceleration training changes brain circuitry in children with reading difficulties. *Brain and Behavior*, **2014**, 4, 886-902	3.4	30
134	Factors determining success of awake and asleep magnetic resonance imaging scans in nonsedated children. *Neuropediatrics*, **2014**, 45, 370-7	1.6	46
133	Functional magnetic resonance imaging of story listening in adolescents and young adults with Down syndrome: evidence for atypical neurodevelopment. *Journal of Intellectual Disability Research* , **2014**, 58, 892-902	3.2	17
132	Multidimensional morphometric 3D MRI analyses for detecting brain abnormalities in children: impact of control population. *Human Brain Mapping*, **2014**, 35, 3199-215	5.9	10
131	Altered white matter microstructure underlies listening difficulties in children suspected of auditory processing disorders: a DTI study. *Brain and Behavior*, **2014**, 4, 531-43	3.4	15
130	Optimized simultaneous ASL and BOLD functional imaging of the whole brain. *Journal of Magnetic Resonance Imaging*, **2014**, 39, 1104-17	5.6	24
129	Combined analysis of sMRI and fMRI imaging data provides accurate disease markers for hearing impairment. *NeuroImage: Clinical*, **2013**, 3, 416-28	5.3	22
128	A functional magnetic resonance imaging study of language function in international adoptees. *Journal of Pediatrics*, **2013**, 163, 1458-64	3.6	3
127	Overlapping neural circuitry for narrative comprehension and proficient reading in children and adolescents. *Neuropsychologia*, **2013**, 51, 2651-62	3.2	37
126	Emotional face processing in pediatric bipolar disorder: evidence for functional impairments in the fusiform gyrus. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2013**, 52, 1314-1325.e3	7.2	27
125	Diffusion tensor imaging properties and neurobehavioral outcomes in children with hydrocephalus. *American Journal of Neuroradiology*, **2013**, 34, 439-45	4.4	35
124	Recovered vs. not-recovered from post-stroke aphasia: the contributions from the dominant and non-dominant hemispheres. *Restorative Neurology and Neuroscience*, **2013**, 31, 347-60	2.8	78
123	DTI values in key white matter tracts from infancy through adolescence. *American Journal of Neuroradiology*, **2013**, 34, 1443-9	4.4	36
122	Reduced default mode network connectivity in treatment-resistant idiopathic generalized epilepsy. *Epilepsia*, **2013**, 54, 461-70	6.4	57
121	The relationship between the localization of the generalized spike and wave discharge generators and the response to valproate. *Epilepsia*, **2013**, 54, 471-80	6.4	36
120	Diffusion tensor imaging detects white matter abnormalities and associated cognitive deficits in chronic adolescent TBI. *Brain Injury*, **2013**, 27, 454-63	2.1	24
119	BOLD fMRI in infants under sedation: Comparing the impact of pentobarbital and propofol on auditory and language activation. *Journal of Magnetic Resonance Imaging*, **2013**, 38, 1184-95	5.6	25

118	Functional magnetic resonance imaging reveals changes in language localization in children with benign childhood epilepsy with centrotemporal spikes. *Journal of Child Neurology*, **2013**, 28, 435-45	2.5	36
117	Left-handedness and language lateralization in children. *Brain Research*, **2012**, 1433, 85-97	3.7	84
116	Moderating effects of music on resting state networks. *Brain Research*, **2012**, 1447, 53-64	3.7	41
115	Concordance of MEG and fMRI patterns in adolescents during verb generation. *Brain Research*, **2012**, 1447, 79-90	3.7	14
114	Diffusion tensor imaging of white matter injury in a rat model of infantile hydrocephalus. *Childs Nervous System*, **2012**, 28, 47-54	1.7	21
113	Neural correlates of risky decision making in adolescents with and without traumatic brain injury using the balloon analog risk task. *Developmental Neuropsychology*, **2012**, 37, 176-83	1.8	17
112	Sex differences in white matter development during adolescence: a DTI study. *Brain Research*, **2012** , 1478, 1-15	3.7	69
111	Females and males are highly similar in language performance and cortical activation patterns during verb generation. *Cortex*, **2012**, 48, 1218-33	3.8	39
110	A 10-year longitudinal fMRI study of narrative comprehension in children and adolescents. *NeuroImage*, **2012**, 63, 1188-95	7.9	52
109	Longitudinal comparison of diffusion tensor imaging parameters and neuropsychological measures following endoscopic third ventriculostomy for hydrocephalus. *Journal of Neurosurgery: Pediatrics*, **2012**, 9, 630-5	2.1	21
108	Different patterns of language activation in post-stroke aphasia are detected by overt and covert versions of the verb generation fMRI task. *Medical Science Monitor*, **2012**, 18, CR135-7	3.2	39
107	Neuromagnetic measures of word processing in bilinguals and monolinguals. *Clinical Neurophysiology*, **2011**, 122, 1706-17	4.3	20
106	Poststroke aphasia recovery assessed with functional magnetic resonance imaging and a picture identification task. *Journal of Stroke and Cerebrovascular Diseases*, **2011**, 20, 336-45	2.8	34
105	Semantic association investigated with functional MRI and independent component analysis. *Epilepsy and Behavior*, **2011**, 20, 613-22	3.2	56
104	The effects of left or right hemispheric epilepsy on language networks investigated with semantic decision fMRI task and independent component analysis. *Epilepsy and Behavior*, **2011**, 20, 623-32	3.2	28
103	A linear structural equation model for covert verb generation based on independent component analysis of FMRI data from children and adolescents. *Frontiers in Systems Neuroscience*, **2011**, 5, 29	3.5	21
102	Diffusion tensor imaging reveals white matter microstructure correlations with auditory processing ability. *Ear and Hearing*, **2011**, 32, 156-67	3.4	23
101	A spectral graphical model approach for learning brain connectivity network of children's narrative comprehension. *Brain Connectivity*, **2011**, 1, 389-400	2.7	5

100	Neural correlates of phonological processing in speech sound disorder: a functional magnetic resonance imaging study. *Brain and Language*, **2011**, 119, 42-9	2.9	32
99	Saposin C coupled lipid nanovesicles enable cancer-selective optical and magnetic resonance imaging. *Molecular Imaging and Biology*, **2011**, 13, 886-97	3.8	23
98	Functional magnetic resonance imaging of cognitive processing in young adults with Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, **2011**, 116, 344-59	2.2	22
97	Neural correlates of interference control in adolescents with traumatic brain injury: functional magnetic resonance imaging study of the counting stroop task. *Journal of the International Neuropsychological Society*, **2011**, 17, 181-9	3.1	21
96	Morphometric differences in the Heschl's gyrus of hearing impaired and normal hearing infants. *Cerebral Cortex*, **2011**, 21, 991-8	5.1	46
95	Studies support probable long-term safety of MRI. *Science*, **2010**, 329, 512-3	33.3	3
94	Longitudinal comparison of pre- and postoperative diffusion tensor imaging parameters in young children with hydrocephalus. *Journal of Neurosurgery: Pediatrics*, **2010**, 5, 385-91	2.1	36
93	Diffusion tensor imaging correlates with cytopathology in a rat model of neonatal hydrocephalus. *Cerebrospinal Fluid Research*, **2010**, 7, 19		28
92	Cortical and subcortical contributions to absence seizure onset examined with EEG/fMRI. *Epilepsy and Behavior*, **2010**, 18, 404-13	3.2	86
91	A group independent component analysis of covert verb generation in children: a functional magnetic resonance imaging study. *NeuroImage*, **2010**, 51, 472-87	7.9	47
90	Functional MRI in children: clinical and research applications. *Pediatric Radiology*, **2010**, 40, 31-49	2.8	24
89	Correlation of diffusion tensor imaging with executive function measures after early childhood traumatic brain injury. *Journal of Pediatric Rehabilitation Medicine*, **2009**, 2, 273-83	1.4	28
88	Language networks in children: evidence from functional MRI studies. *American Journal of Roentgenology*, **2009**, 192, 1190-6	5.4	45
87	The fear of new technology: a naturally occurring phenomenon. *American Journal of Bioethics*, **2009** , 9, 14-6	1.1	3
86	Partially adaptive STAP algorithm approaches to functional MRI. *IEEE Transactions on Biomedical Engineering*, **2009**, 56, 518-21	5	4
85	Quantification of head motion in children during various fMRI language tasks. *Human Brain Mapping*, **2009**, 30, 1481-9	5.9	69
84	Comparison of fMRI data from passive listening and active-response story processing tasks in children. *Journal of Magnetic Resonance Imaging*, **2009**, 29, 971-6	5.6	74
83	Correlation of Diffusion Tensor Imaging with Neuropsychological Testing in Early Pediatric Traumatic Brain Injury. *PM and R*, **2009**, 1, S100-S101	2.2	

82	Preliminary fMRI findings in experimentally sleep-restricted adolescents engaged in a working memory task. *Behavioral and Brain Functions*, **2009**, 5, 9	4.1	44
81	Cortical reorganization of language functioning following perinatal left MCA stroke. *Brain and Language*, **2008**, 105, 99-111	2.9	80
80	Reprint of "Cortical reorganization of language functioning following perinatal left MCA stroke" [Brain and Language 105 (2008) 99-111]. *Brain and Language*, **2008**, 106, 184-94	2.9	16
79	Medial temporal fMRI activation reflects memory lateralization and memory performance in patients with epilepsy. *Epilepsy and Behavior*, **2008**, 12, 410-8	3.2	56
78	Compensatory brain activation for recognition memory in patients with medication-resistant epilepsy. *Epilepsy and Behavior*, **2008**, 13, 463-9	3.2	19
77	Reliability of fMRI for studies of language in post-stroke aphasia subjects. *NeuroImage*, **2008**, 41, 311-22	7.9	62
76	Template-O-Matic: a toolbox for creating customized pediatric templates. *NeuroImage*, **2008**, 41, 903-13	7.9	295
75	Infant brain probability templates for MRI segmentation and normalization. *NeuroImage*, **2008**, 43, 721-30	7.9	125
74	Comprehensive presurgical functional MRI language evaluation in adult patients with epilepsy. *Epilepsy and Behavior*, **2008**, 12, 74-83	3.2	97
73	Multiple sclerosis: pathogenesis and MR imaging features of T1 hypointensities in a [corrected] murine model. *Radiology*, **2008**, 246, 790-5	20.5	20
72	Characterization of abnormal diffusion properties of supratentorial brain tumors: a preliminary diffusion tensor imaging study. *Journal of Neurosurgery: Pediatrics*, **2008**, 1, 263-9	2.1	26
71	Long-term neural processing of attention following early childhood traumatic brain injury: fMRI and neurobehavioral outcomes. *Journal of the International Neuropsychological Society*, **2008**, 14, 424-35	3.1	31
70	Simultaneous EEG/functional magnetic resonance imaging at 4 Tesla: correlates of brain activity to spontaneous alpha rhythm during relaxation. *Journal of Clinical Neurophysiology*, **2008**, 25, 255-64	2.2	54
69	Structural MR Imaging Studies of the Brain in Children: Issues and Opportunities. *Neuroembryology and Aging*, **2008**, 5, 6-13		7
68	Developmental differences in white matter architecture between boys and girls. *Human Brain Mapping*, **2008**, 29, 696-710	5.9	180
67	Neural substrate differences in language networks and associated language-related behavioral impairments in children with TBI: A preliminary fMRI investigation. *NeuroRehabilitation*, **2007**, 22, 355-369	2	25
66	Functional magnetic resonance imaging assessment of cognitive function in childhood-onset systemic lupus erythematosus: a pilot study. *Arthritis and Rheumatism*, **2007**, 56, 4151-63		57
65	Object identification and lexical/semantic access in children: a functional magnetic resonance imaging study of word-picture matching. *Human Brain Mapping*, **2007**, 28, 1060-74	5.9	40

64	Global and local development of gray and white matter volume in normal children and adolescents. *Experimental Brain Research*, **2007**, 178, 296-307	2.3	119
63	Functional MRI of language lateralization during development in children. *International Journal of Audiology*, **2007**, 46, 533-51	2.6	192
62	Diffusion tensor MR imaging reveals persistent white matter alteration after traumatic brain injury experienced during early childhood. *American Journal of Neuroradiology*, **2007**, 28, 1919-25	4.4	85
61	Functional magnetic resonance imaging of hearing-impaired children under sedation before cochlear implantation. *JAMA Otolaryngology*, **2007**, 133, 677-83		35
60	Development of effective connectivity for narrative comprehension in children. *NeuroReport*, **2007**, 18, 1411-5	1.7	28
59	Age-related connectivity changes in fMRI data from children listening to stories. *NeuroImage*, **2007**, 34, 349-60	7.9	125
58	Sex differences in the development of neuroanatomical functional connectivity underlying intelligence found using Bayesian connectivity analysis. *NeuroImage*, **2007**, 35, 406-19	7.9	120
57	Neural substrate differences in language networks and associated language-related behavioral impairments in children with TBI: a preliminary fMRI investigation. *NeuroRehabilitation*, **2007**, 22, 355-69[2]		14
56	Prosodic processing by children: an fMRI study. *Brain and Language*, **2006**, 97, 332-42	2.9	30
55	Sex differences in the activation of language cortex during childhood. *Neuropsychologia*, **2006**, 44, 1210-21	3.1	72
54	fMRI study of language lateralization in children and adults. *Human Brain Mapping*, **2006**, 27, 202-12	5.9	267
53	A longitudinal functional magnetic resonance imaging study of language development in children 5 to 11 years old. *Annals of Neurology*, **2006**, 59, 796-807	9.4	182
52	Evidence of white matter pathology in bipolar disorder adolescents experiencing their first episode of mania: a diffusion tensor imaging study. *American Journal of Psychiatry*, **2006**, 163, 322-4	11.9	177
51	Functional magnetic resonance imaging reveals atypical language organization in children following perinatal left middle cerebral artery stroke. *Neuropediatrics*, **2006**, 37, 46-52	1.6	58
50	The impact of early childhood lead exposure on brain organization: a functional magnetic resonance imaging study of language function. *Pediatrics*, **2006**, 118, 971-7	7.4	83
49	Making memories: a cross-sectional investigation of episodic memory encoding in childhood using FMRI. *Developmental Neuropsychology*, **2006**, 29, 321-40	1.8	52
48	Cerebral ischemia-hypoxia induces intravascular coagulation and autophagy. *American Journal of Pathology*, **2006**, 169, 566-83	5.8	304
47	Cognitive modules utilized for narrative comprehension in children: a functional magnetic resonance imaging study. *NeuroImage*, **2006**, 29, 254-66	7.9	117

46	Functional MRI evidence for disparate developmental processes underlying intelligence in boys and girls. *NeuroImage*, **2006**, 31, 1366-79	7.9	82
45	fMRI shows atypical language lateralization in pediatric epilepsy patients. *Epilepsia*, **2006**, 47, 593-600	6.4	121
44	Wavelet-based multiscale anisotropic diffusion for MR imaging **2005**, 5747, 1046		1
43	Cortical reorganization in children with unilateral sensorineural hearing loss. *NeuroReport*, **2005**, 16, 463-7	1.7	41
42	Sound blending in the brain: a functional magnetic resonance imaging investigation. *NeuroReport*, **2005**, 16, 883-6	1.7	6
41	Comorbid ADHD is associated with altered patterns of neuronal activation in adolescents with bipolar disorder performing a simple attention task. *Bipolar Disorders*, **2005**, 7, 577-88	3.8	62
40	Cognitive functions correlate with white matter architecture in a normal pediatric population: a diffusion tensor MRI study. *Human Brain Mapping*, **2005**, 26, 139-47	5.9	324
39	Abnormal FMRI brain activation in euthymic bipolar disorder patients during a counting Stroop interference task. *American Journal of Psychiatry*, **2005**, 162, 1697-705	11.9	163
38	A preliminary FMRI study of sustained attention in euthymic, unmedicated bipolar disorder. *Neuropsychopharmacology*, **2004**, 29, 1734-40	8.7	201
37	Abnormal frontal white matter tracts in bipolar disorder: a diffusion tensor imaging study. *Bipolar Disorders*, **2004**, 6, 197-203	3.8	180
36	Changes in neuronal activation in patients with bipolar disorder during performance of a working memory task. *Bipolar Disorders*, **2004**, 6, 540-9	3.8	162
35	Voxel-based morphometry in adolescents with bipolar disorder: first results. *Psychiatry Research - Neuroimaging*, **2004**, 131, 57-69	2.9	159
34	Comparison of three methods for generating group statistical inferences from independent component analysis of functional magnetic resonance imaging data. *Journal of Magnetic Resonance Imaging*, **2004**, 19, 365-8	5.6	132
33	A STAP algorithm approach to fMRI: a simulation study. *Journal of Magnetic Resonance Imaging*, **2004**, 20, 715-22	5.6	3
32	Event-related fMRI technique for auditory processing with hemodynamics unrelated to acoustic gradient noise. *Magnetic Resonance in Medicine*, **2004**, 51, 399-402	4.4	51
31	High-resolution functional MRI at 3T in healthy and epilepsy subjects: hippocampal activation with picture encoding task. *Epilepsy and Behavior*, **2004**, 5, 244-52	3.2	52
30	The effect of musical training on the neural correlates of math processing: a functional magnetic resonance imaging study in humans. *Neuroscience Letters*, **2004**, 354, 193-6	3.3	34
29	Event-related fMRI study of recognition of simulated CI speech. *International Congress Series*, **2004**, 1273, 390-393		1

28	Functional magnetic resonance imaging: contemporary and future use. *Current Opinion in Otolaryngology and Head and Neck Surgery*, **2004**, 12, 374-7	2	3
27	BOLD fMRI signal increases with age in selected brain regions in children. *NeuroReport*, **2004**, 15, 2575-81	1.7	75
26	Using a phantom to compare MR techniques for determining the ratio of intraabdominal to subcutaneous adipose tissue. *American Journal of Roentgenology*, **2003**, 180, 993-8	5.4	32
25	Functional magnetic resonance imaging in pediatrics. *Neuropediatrics*, **2003**, 34, 225-33	1.6	74
24	Variability of gray and white matter during normal development: a voxel-based MRI analysis. *NeuroReport*, **2003**, 14, 1887-90	1.7	39
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