Scott K Holland

List of Publications by Year
in descending order

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211 papers	14,205 citations	22153 59 h-index	24982 109 g-index
216 all docs	216 docs citations	216 times ranked	13636 citing authors

#	Article	IF	Citations
1	Bayesian MEG time courses with fMRI priors. Brain Imaging and Behavior, 2022, 16, 781-791.	2.1	2
2	The role of visual attention in dyslexia: Behavioral and neurobiological evidence. Human Brain Mapping, 2022, 43, 1720-1737.	3.6	23
3	Validation of The Reading House and Association With Cortical Thickness. Pediatrics, 2021, 147, .	2.1	5
4	Maternal depression is associated with decreased functional connectivity within semantics and phonology networks in preschool children. Depression and Anxiety, 2021, 38, 826-835.	4.1	0
5	Extremely preterm children demonstrate hyperconnectivity during verb generation: A multimodal approach. NeuroImage: Clinical, 2021, 30, 102589.	2.7	4
6	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.	2.1	30
7	Associations Between Screen-Based Media Use and Brain White Matter Integrity in Preschool-Aged Children. JAMA Pediatrics, 2020, 174, e193869.	6.2	194
8	Associations between home literacy environment, brain white matter integrity and cognitive abilities in preschoolâ€age children. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 1376-1386.	1.5	35
9	Extremely preterm children exhibit altered cortical thickness in language areas. Scientific Reports, 2020, 10, 10824.	3.3	17
10	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.	3.3	12
11	Rewiring the extremely preterm brain: Altered structural connectivity relates to language function. NeuroImage: Clinical, 2020, 25, 102194.	2.7	20
12	Objective and Automated Detection of Diffuse White Matter Abnormality in Preterm Infants Using Deep Convolutional Neural Networks. Frontiers in Neuroscience, 2019, 13, 610.	2.8	13
13	Functional Connectivity of Attention, Visual, and Language Networks During Audio, Illustrated, and Animated Stories in Preschool-Age Children. Brain Connectivity, 2019, 9, 580-592.	1.7	17
14	Developmental changes in functional brain networks from birth through adolescence. Human Brain Mapping, 2019, 40, 1434-1444.	3.6	31
15	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.	7.9	24
16	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.	1.6	15
17	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.	2.7	6
18	Extremely preterm children exhibit increased interhemispheric connectivity for language: findings from <scp>fMRI</scp>â€constrained <scp>MEG</scp> analysis. Developmental Science, 2018, 21, e12669.	2.4	26

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19	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.	0.9	9
20	Maternal reading fluency is positively associated with greater functional connectivity between the childâ€™s future reading network and regions related to executive functions and language processing in preschool-age children. Brain and Cognition, 2018, 121, 17-23.	1.8	23
21	The feasibility of improving discourse in people with aphasia through AAC: clinical and functional MRI correlates. Aphasiology, 2018, 32, 693-719.	2.2	20
22	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.	2.7	60
23	Pseudo continuous arterial spin labeling quantification in anemic subjects with hyperemic cerebral blood flow. Magnetic Resonance Imaging, 2018, 47, 137-146.	1.8	29
24	Front Cover: Cover Image, Volume 21, Issue 6. Developmental Science, 2018, 21, e12760.	2.4	0
25	Longitudinal fMRI study of language recovery after a left hemispheric ischemic stroke. Restorative Neurology and Neuroscience, 2018, 36, 359-385.	0.7	22
26	fMRI as a Preimplant Objective Tool to Predict Childrenâ€™s Postimplant Auditory and Language Outcomes as Measured by Parental Observations. Journal of the American Academy of Audiology, 2018, 29, 389-404.	0.7	1
27	Altered functional network connectivity in preterm infants: antecedents of cognitive and motor impairments?. Brain Structure and Function, 2018, 223, 3665-3680.	2.3	45
28	Obese adolescents with type 2 diabetes perform worse than controls on cognitive and behavioral assessments. Pediatric Diabetes, 2017, 18, 297-303.	2.9	23
29	Neurite density index is sensitive to age related differences in the developing brain. NeuroImage, 2017, 148, 373-380.	4.2	101
30	Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy. Neurology, 2017, 88, 395-402.	1.1	188
31	The canonical semantic network supports residual language function in chronic postâ€stroke aphasia. Human Brain Mapping, 2017, 38, 1636-1658.	3.6	45
32	Age-related language lateralization assessed by fMRI: The effects of sex and handedness. Brain Research, 2017, 1674, 20-35.	2.2	39
33	Reading related white matter structures in adolescents are influenced more by dysregulation of emotion than behavior. NeuroImage: Clinical, 2017, 15, 732-740.	2.7	3
34	Shared Reading Quality and Brain Activation during Story Listening in Preschool-Age Children. Journal of Pediatrics, 2017, 191, 204-211.e1.	1.8	66
35	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.	4.1	31
36	Longitudinal Relationships Among Activity in Attention Redirection Neural Circuitry and Symptom Severity in Youth. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 336-345.	1.5	8

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37	CerebroMatic: A Versatile Toolbox for Spline-Based MRI Template Creation. Frontiers in Computational Neuroscience, 2017, 11, 5.	2.1	54
38	Maturation of Brain Regions Related to the Default Mode Network during Adolescence Facilitates Narrative Comprehension. Journal of Child and Adolescent Behavior, 2017, 05, .	0.2	4
39	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.	2.5	47
40	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.	2.0	15
41	fMRI as a Preimplant Objective Tool to Predict Postimplant Oral Language Outcomes in Children with Cochlear Implants. Ear and Hearing, 2016, 37, e263-e272.	2.1	20
42	Arcuate fasciculus asymmetry has a hand in language function but not handedness. Human Brain Mapping, 2016, 37, 3297-3309.	3.6	39
43	Diffusion tensor imaging study of pediatric patients with congenital hydrocephalus: 1-year postsurgical outcomes. Journal of Neurosurgery: Pediatrics, 2016, 18, 306-319.	1.3	36
44	Left hemisphere structural connectivity abnormality in pediatric hydrocephalus patients following surgery. NeuroImage: Clinical, 2016, 12, 631-639.	2.7	10
45	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, 336-340.	0.6	5
46	Functional and structural connectivity of the visual system in infants with perinatal brain injury. Pediatric Research, 2016, 80, 43-48.	2.3	13
47	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.	1.7	22
48	Can Emotional and Behavioral Dysregulation in Youth Be Decoded from Functional Neuroimaging?. PLoS ONE, 2016, 11, e0117603.	2.5	18
49	A semiâ€supervised Support Vector Machine model for predicting the language outcomes following cochlear implantation based on preâ€implant brain <scp>fMRI</scp> imaging. Brain and Behavior, 2015, 5, e00391.	2.2	28
50	Evidence that neurovascular coupling underlying the BOLD effect increases with age during childhood. Human Brain Mapping, 2015, 36, 1-15.	3.6	34
51	Cognition and Brain Structure Following Early Childhood Surgery With Anesthesia. Pediatrics, 2015, 136, e1-e12.	2.1	221
52	Functional MRI evidence for fine motor praxis dysfunction in children with persistent speech disorders. Brain Research, 2015, 1597, 47-56.	2.2	27
53	White Matter Structure in Youth With Behavioral and Emotional Dysregulation Disorders. JAMA Psychiatry, 2015, 72, 367.	11.0	32
54	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.	2.1	15

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55	Relationship between receptive vocabulary and the neural substrates for story processing in preschoolers. Brain Imaging and Behavior, 2015, 9, 43-55.	2.1	21
56	Abnormal structural connectivity in the brain networks of children with hydrocephalus. NeuroImage: Clinical, 2015, 8, 483-492.	2.7	21
57	The accuracy of linear indices of ventricular volume in pediatric hydrocephalus: technical note. Journal of Neurosurgery: Pediatrics, 2015, 15, 547-551.	1.3	42
58	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.	2.1	34
59	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.	1.7	50
60	Periventricular hyperintensity in children with hydrocephalus. Pediatric Radiology, 2015, 45, 1189-1197.	2.0	12
61	Home Reading Environment and Brain Activation in Preschool Children Listening to Stories. Pediatrics, 2015, 136, 466-478.	2.1	124
62	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.	2.2	15
63	Increased resting-state functional connectivity of visual- and cognitive-control brain networks after training in children with reading difficulties. NeuroImage: Clinical, 2015, 8, 619-630.	2.7	56
64	Decreased amygdalaâ€“insula resting state connectivity in behaviorally and emotionally dysregulated youth. Psychiatry Research - Neuroimaging, 2015, 231, 77-86.	1.8	61
65	Unilateral deafness in children affects development of multi-modal modulation and default mode networks. Frontiers in Human Neuroscience, 2014, 8, 164.	2.0	56
66	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.	2.0	27
67	Comparison of Functional Network Connectivity for Passive-Listening and Active-Response Narrative Comprehension in Adolescents. Brain Connectivity, 2014, 4, 273-285.	1.7	12
68	Parsing Dimensional vs Diagnostic Categoryâ€“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.	11.0	45
69	Reading acceleration training changes brain circuitry in children with reading difficulties. Brain and Behavior, 2014, 4, 886-902.	2.2	47
70	Factors Determining Success of Awake and Asleep Magnetic Resonance Imaging Scans in Nonsedated Children. Neuropediatrics, 2014, 45, 370-377.	0.6	54
71	Functional magnetic resonance imaging of story listening in adolescents and young adults with <scp>D</scp>own syndrome: evidence for atypical neurodevelopment. Journal of Intellectual Disability Research, 2014, 58, 892-902.	2.0	21
72	Multidimensional morphometric 3D MRI analyses for detecting brain abnormalities in children: Impact of control population. Human Brain Mapping, 2014, 35, 3199-3215.	3.6	10

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73	Altered white matter microstructure underlies listening difficulties in children suspected of auditory processing disorders: a <scp>DTI</scp> study. Brain and Behavior, 2014, 4, 531-543.	2.2	27
74	Optimized simultaneous ASL and BOLD functional imaging of the whole brain. Journal of Magnetic Resonance Imaging, 2014, 39, 1104-1117.	3.4	31
75	Differences in paracingulate connectivity associated with epileptiform discharges and uncontrolled seizures in genetic generalized epilepsy. Epilepsia, 2014, 55, 256-263.	5.1	33
76	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, 129-136.	3.1	36
77	Reading improvement in English- and Hebrew-speaking children with reading difficulties after reading acceleration training. Annals of Dyslexia, 2014, 64, 183-201.	1.7	34
78	Data on the safety of repeated MRI in healthy children. NeuroImage: Clinical, 2014, 4, 526-530.	2.7	14
79	Involvement of the right hemisphere in reading comprehension: A DTI study. Brain Research, 2014, 1582, 34-44.	2.2	49
80	Combined analysis of sMRI and fMRI imaging data provides accurate disease markers for hearing impairment. NeuroImage: Clinical, 2013, 3, 416-428.	2.7	25
81	A Functional Magnetic Resonance Imaging Study of Language Function in International Adoptees. Journal of Pediatrics, 2013, 163, 1458-1464.	1.8	6
82	Overlapping neural circuitry for narrative comprehension and proficient reading in children and adolescents. Neuropsychologia, 2013, 51, 2651-2662.	1.6	52
83	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.	0.5	33
84	Diffusion Tensor Imaging Properties and Neurobehavioral Outcomes in Children with Hydrocephalus. American Journal of Neuroradiology, 2013, 34, 439-445.	2.4	43
85	Recovered vs. not-recovered from post-stroke aphasia: The contributions from the dominant and non-dominant hemispheres. Restorative Neurology and Neuroscience, 2013, 31, 347-360.	0.7	92
86	DTI Values in Key White Matter Tracts from Infancy through Adolescence. American Journal of Neuroradiology, 2013, 34, 1443-1449.	2.4	44
87	Reduced default mode network connectivity in treatmentâ€resistant idiopathic generalized epilepsy. Epilepsia, 2013, 54, 461-470.	5.1	73
88	The relationship between the localization of the generalized spike and wave discharge generators and the response to valproate. Epilepsia, 2013, 54, 471-480.	5.1	48
89	Diffusion tensor imaging detects white matter abnormalities and associated cognitive deficits in chronic adolescent TBI. Brain Injury, 2013, 27, 454-463.	1.2	25
90	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, 1184-1195.	3.4	33

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91	Functional Magnetic Resonance Imaging Reveals Changes in Language Localization in Children With Benign Childhood Epilepsy With Centrotemporal Spikes. Journal of Child Neurology, 2013, 28, 435-445.	1.4	43
92	Longitudinal comparison of diffusion tensor imaging parameters and neuropsychological measures following endoscopic third ventriculostomy for hydrocephalus. Journal of Neurosurgery: Pediatrics, 2012, 9, 630-635.	1.3	22
93	Neural Correlates of Risky Decision Making in Adolescents With and Without Traumatic Brain Injury Using the Balloon Analog Risk Task. Developmental Neuropsychology, 2012, 37, 176-183.	1.4	20
94	Sex differences in white matter development during adolescence: A DTI study. Brain Research, 2012, 1478, 1-15.	2.2	93
95	Females and males are highly similar in language performance and cortical activation patterns during verb generation. Cortex, 2012, 48, 1218-1233.	2.4	45
96	A 10-year longitudinal fMRI study of narrative comprehension in children and adolescents. NeuroImage, 2012, 63, 1188-1195.	4.2	69
97	Left-handedness and language lateralization in children. Brain Research, 2012, 1433, 85-97.	2.2	106
98	Moderating effects of music on resting state networks. Brain Research, 2012, 1447, 53-64.	2.2	53
99	Concordance of MEG and fMRI patterns in adolescents during verb generation. Brain Research, 2012, 1447, 79-90.	2.2	18
100	Diffusion tensor imaging of white matter injury in a rat model of infantile hydrocephalus. Child's Nervous System, 2012, 28, 47-54.	1.1	28
101	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-CR147.	1.1	44
102	Functional Magnetic Resonance Imaging of Cognitive Processing in Young Adults With Down Syndrome. American Journal on Intellectual and Developmental Disabilities, 2011, 116, 344-359.	1.6	27
103	Neuromagnetic measures of word processing in bilinguals and monolinguals. Clinical Neurophysiology, 2011, 122, 1706-1717.	1.5	23
104	Poststroke Aphasia Recovery Assessed With Functional Magnetic Resonance Imaging and a Picture Identification Task. Journal of Stroke and Cerebrovascular Diseases, 2011, 20, 336-345.	1.6	52
105	Semantic association investigated with functional MRI and independent component analysis. Epilepsy and Behavior, 2011, 20, 613-622.	1.7	69
106	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, 623-632.	1.7	31
107	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.	2.5	23
108	Diffusion Tensor Imaging Reveals White Matter Microstructure Correlations With Auditory Processing Ability. Ear and Hearing, 2011, 32, 156-167.	2.1	31

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109	A Spectral Graphical Model Approach for Learning Brain Connectivity Network of Children's Narrative Comprehension. Brain Connectivity, 2011, 1, 389-400.	1.7	5
110	Neural correlates of phonological processing in speech sound disorder: A functional magnetic resonance imaging study. Brain and Language, 2011, 119, 42-49.	1.6	41
111	Saposin C Coupled Lipid Nanovesicles Enable Cancer-Selective Optical and Magnetic Resonance Imaging. Molecular Imaging and Biology, 2011, 13, 886-897.	2.6	25
112	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, 181-189.	1.8	28
113	Morphometric Differences in the Heschl's Gyrus of Hearing Impaired and Normal Hearing Infants. Cerebral Cortex, 2011, 21, 991-998.	2.9	54
114	Functional MRI in children: clinical and research applications. Pediatric Radiology, 2010, 40, 31-49.	2.0	27
115	Studies Support Probable Long-Term Safety of MRI. Science, 2010, 329, 512-513.	12.6	4
116	Longitudinal comparison of pre- and postoperative diffusion tensor imaging parameters in young children with hydrocephalus. Journal of Neurosurgery: Pediatrics, 2010, 5, 385-391.	1.3	42
117	MEG source localization using a frequency beamformer. , 2010, , .		1
118	Diffusion tensor imaging correlates with cytopathology in a rat model of neonatal hydrocephalus. Cerebrospinal Fluid Research, 2010, 7, 19.	0.5	36
119	Cortical and subcortical contributions to absence seizure onset examined with EEG/fMRI. Epilepsy and Behavior, 2010, 18, 404-413.	1.7	109
120	A group independent component analysis of covert verb generation in children: A functional magnetic resonance imaging study. NeuroImage, 2010, 51, 472-487.	4.2	47
121	Correlation of diffusion tensor imaging with executive function measures after early childhood traumatic brain injury. Journal of Pediatric Rehabilitation Medicine, 2009, 2, 273-283.	0.5	32
122	Language Networks in Children: Evidence from Functional MRI Studies. American Journal of Roentgenology, 2009, 192, 1190-1196.	2.2	59
123	The Fear of New Technology: A Naturally Occurring Phenomenon. American Journal of Bioethics, 2009, 9, 14-16.	0.9	6
124	Partially Adaptive STAP Algorithm Approaches to Functional MRI. IEEE Transactions on Biomedical Engineering, 2009, 56, 518-521.	4.2	5
125	Quantification of head motion in children during various fMRI language tasks. Human Brain Mapping, 2009, 30, 1481-1489.	3.6	83
126	Comparison of fMRI data from passive listening and activeâ€response story processing tasks in children. Journal of Magnetic Resonance Imaging, 2009, 29, 971-976.	3.4	87

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127	Correlation of Diffusion Tensor Imaging with Neuropsychological Testing in Early Pediatric Traumatic Brain Injury. PM and R, 2009, 1, S100-S101.	1.6	0
128	Preliminary fMRI findings in experimentally sleep-restricted adolescents engaged in a working memory task. Behavioral and Brain Functions, 2009, 5, 9.	3.3	50
129	Developmental differences in white matter architecture between boys and girls. Human Brain Mapping, 2008, 29, 696-710.	3.6	211
130	Cortical reorganization of language functioning following perinatal left MCA stroke. Brain and Language, 2008, 105, 99-111.	1.6	97
131	Reprint of â€œCortical reorganization of language functioning following perinatal left MCA strokeâ€• [Brain and Language 105 (2008) 99â€“111]â˜†. Brain and Language, 2008, 106, 184-194.	1.6	21
132	Medial temporal fMRI activation reflects memory lateralization and memory performance in patients with epilepsy. Epilepsy and Behavior, 2008, 12, 410-418.	1.7	63
133	Compensatory brain activation for recognition memory in patients with medication-resistant epilepsy. Epilepsy and Behavior, 2008, 13, 463-469.	1.7	20
134	Reliability of fMRI for studies of language in post-stroke aphasia subjects. NeuroImage, 2008, 41, 311-322.	4.2	69
135	Template-O-Matic: A toolbox for creating customized pediatric templates. NeuroImage, 2008, 41, 903-913.	4.2	339
136	Infant brain probability templates for MRI segmentation and normalization. NeuroImage, 2008, 43, 721-730.	4.2	133
137	Comprehensive presurgical functional MRI language evaluation in adult patients with epilepsy. Epilepsy and Behavior, 2008, 12, 74-83.	1.7	111
138	Multiple Sclerosis: Pathogenesis and MR Imaging Features of T1 Hypointensities in Murine Model. Radiology, 2008, 246, 790-795.	7.3	21
139	Characterization of abnormal diffusion properties of supratentorial brain tumors: a preliminary diffusion tensor imaging study. Journal of Neurosurgery: Pediatrics, 2008, 1, 263-269.	1.3	29
140	Long-term neural processing of attention following early childhood traumatic brain injury: fMRI and neurobehavioral outcomes. Journal of the International Neuropsychological Society, 2008, 14, 424-435.	1.8	49
141	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, 255-264.	1.7	63
142	Structural MR Imaging Studies of the Brain in Children: Issues and Opportunities. Neuroembryology and Aging, 2008, 5, 6-13.	0.1	8
143	Functional MRI of language lateralization during development in children. International Journal of Audiology, 2007, 46, 533-551.	1.7	230
144	Diffusion Tensor MR Imaging Reveals Persistent White Matter Alteration after Traumatic Brain Injury Experienced during Early Childhood. American Journal of Neuroradiology, 2007, 28, 1919-1925.	2.4	91

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145	Functional Magnetic Resonance Imaging of Hearing-Impaired Children Under Sedation Before Cochlear Implantation. JAMA Otolaryngology, 2007, 133, 677.	1.2	39
146	Development of effective connectivity for narrative comprehension in children. NeuroReport, 2007, 18, 1411-1415.	1.2	31
147	Age-related connectivity changes in fMRI data from children listening to stories. NeuroImage, 2007, 34, 349-360.	4.2	139
148	Sex differences in the development of neuroanatomical functional connectivity underlying intelligence found using Bayesian connectivity analysis. NeuroImage, 2007, 35, 406-419.	4.2	130
149	PARTIALLY ADAPTIVE STAP FOR FMRI: A METHOD FOR DETECTING BRAIN ACTIVATION REGIONS IN SIMULATION AND HUMAN DATA. , 2007, , .		0
150	An improved space-time adaptive processing model: A spatiotemporal approach for fMRI. , 2007, , .		1
151	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.	1.3	28
152	Functional magnetic resonance imaging assessment of cognitive function in childhoodâ€onset systemic lupus erythematosus: A pilot study. Arthritis and Rheumatism, 2007, 56, 4151-4163.	6.7	66
153	Object identification and lexical/semantic access in children: A functional magnetic resonance imaging study of word-picture matching. Human Brain Mapping, 2007, 28, 1060-1074.	3.6	44
154	Global and local development of gray and white matter volume in normal children and adolescents. Experimental Brain Research, 2007, 178, 296-307.	1.5	139
155	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.	1.3	14
156	Cerebral Ischemia-Hypoxia Induces Intravascular Coagulation and Autophagy. American Journal of Pathology, 2006, 169, 566-583.	3.8	336
157	Cognitive modules utilized for narrative comprehension in children: a functional magnetic resonance imaging study. NeuroImage, 2006, 29, 254-266.	4.2	130
158	Functional MRI evidence for disparate developmental processes underlying intelligence in boys and girls. NeuroImage, 2006, 31, 1366-1379.	4.2	93
159	fMRI Shows Atypical Language Lateralization in Pediatric Epilepsy Patients. Epilepsia, 2006, 47, 593-600.	5.1	136
160	Prosodic processing by children: An fMRI study. Brain and Language, 2006, 97, 332-342.	1.6	31
161	Sex differences in the activation of language cortex during childhood. Neuropsychologia, 2006, 44, 1210-1221.	1.6	85
162	fMRI study of language lateralization in children and adults. Human Brain Mapping, 2006, 27, 202-212.	3.6	331

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163	A longitudinal functional magnetic resonance imaging study of language development in children 5 to 11 years old. Annals of Neurology, 2006, 59, 796-807.	5.3	197
164	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, 322-324.	7.2	194
165	Functional Magnetic Resonance Imaging Reveals Atypical Language Organization in Children Following Perinatal Left Middle Cerebral Artery Stroke. Neuropediatrics, 2006, 37, 46-52.	0.6	66
166	The Impact of Early Childhood Lead Exposure on Brain Organization: A Functional Magnetic Resonance Imaging Study of Language Function. Pediatrics, 2006, 118, 971-977.	2.1	107
167	Making Memories: A Cross-Sectional Investigation of Episodic Memory Encoding in Childhood Using fMRI. Developmental Neuropsychology, 2006, 29, 321-340.	1.4	58
168	Wavelet-based multiscale anisotropic diffusion for MR imaging. , 2005, 5747, 1046.		1
169	Cortical reorganization in children with unilateral sensorineural hearing loss. NeuroReport, 2005, 16, 463-467.	1.2	46
170	Sound blending in the brain: a functional magnetic resonance imaging investigation. NeuroReport, 2005, 16, 883-886.	1.2	8
171	Comorbid ADHD is associated with altered patterns of neuronal activation in adolescents with bipolar disorder performing a simple attention task. Bipolar Disorders, 2005, 7, 577-588.	1.9	68
172	Cognitive functions correlate with white matter architecture in a normal pediatric population: A diffusion tensor MRI study. Human Brain Mapping, 2005, 26, 139-147.	3.6	370
173	Abnormal fMRI Brain Activation in Euthymic Bipolar Disorder Patients During a Counting Stroop Interference Task. American Journal of Psychiatry, 2005, 162, 1697-1705.	7.2	190
174	A Preliminary fMRI Study of Sustained Attention in Euthymic, Unmedicated Bipolar Disorder. Neuropsychopharmacology, 2004, 29, 1734-1740.	5.4	222
175	Abnormal frontal white matter tracts in bipolar disorder: a diffusion tensor imaging study. Bipolar Disorders, 2004, 6, 197-203.	1.9	201
176	Changes in neuronal activation in patients with bipolar disorder during performance of a working memory task. Bipolar Disorders, 2004, 6, 540-549.	1.9	180
177	Voxel-based morphometry in adolescents with bipolar disorder: first results. Psychiatry Research - Neuroimaging, 2004, 131, 57-69.	1.8	173
178	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, 365-368.	3.4	150
179	A STAP algorithm approach to fMRI: A simulation study. Journal of Magnetic Resonance Imaging, 2004, 20, 715-722.	3.4	7
180	Event-related fMRI technique for auditory processing with hemodynamics unrelated to acoustic gradient noise. Magnetic Resonance in Medicine, 2004, 51, 399-402.	3.0	56

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