

# Scott K Holland

## List of Publications by Year in descending order

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Version: 2024-02-01

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	NMR relaxation times in the human brain at 3.0 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 531-538.	3.4	726
2	Normal fMRI Brain Activation Patterns in Children Performing a Verb Generation Task. <i>NeuroImage</i> , 2001, 14, 837-843.	4.2	394
3	Correlation of White Matter Diffusivity and Anisotropy with Age during Childhood and Adolescence: A Cross-sectional Diffusion-Tensor MR Imaging Study. <i>Radiology</i> , 2002, 222, 212-218.	7.3	383
4	Cognitive functions correlate with white matter architecture in a normal pediatric population: A diffusion tensor MRI study. <i>Human Brain Mapping</i> , 2005, 26, 139-147.	3.6	370
5	MR imaging of murine arthritis using ultrasmall superparamagnetic iron oxide particles. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1209-1216.	1.8	348
6	Template-O-Matic: A toolbox for creating customized pediatric templates. <i>NeuroImage</i> , 2008, 41, 903-913.	4.2	339
7	Cerebral Ischemia-Hypoxia Induces Intravascular Coagulation and Autophagy. <i>American Journal of Pathology</i> , 2006, 169, 566-583.	3.8	336
8	fMRI study of language lateralization in children and adults. <i>Human Brain Mapping</i> , 2006, 27, 202-212.	3.6	331
9	fMRI of neuronal activation with symptom provocation in unmedicated patients with obsessive compulsive disorder. <i>Journal of Psychiatric Research</i> , 2000, 34, 317-324.	3.1	303
10	Functional MRI of language lateralization during development in children. <i>International Journal of Audiology</i> , 2007, 46, 533-551.	1.7	230
11	A Preliminary fMRI Study of Sustained Attention in Euthymic, Unmedicated Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2004, 29, 1734-1740.	5.4	222
12	Cognition and Brain Structure Following Early Childhood Surgery With Anesthesia. <i>Pediatrics</i> , 2015, 136, e1-e12.	2.1	221
13	Assessment of spatial normalization of whole-brain magnetic resonance images in children. <i>Human Brain Mapping</i> , 2002, 17, 48-60.	3.6	220
14	Developmental differences in white matter architecture between boys and girls. <i>Human Brain Mapping</i> , 2008, 29, 696-710.	3.6	211
15	Abnormal frontal white matter tracts in bipolar disorder: a diffusion tensor imaging study. <i>Bipolar Disorders</i> , 2004, 6, 197-203.	1.9	201
16	Practical Aspects of Conducting Large-Scale Functional Magnetic Resonance Imaging Studies in Children. <i>Journal of Child Neurology</i> , 2002, 17, 885-889.	1.4	200
17	Bright spots: correlations of gray matter volume with IQ in a normal pediatric population. <i>NeuroImage</i> , 2003, 20, 202-215.	4.2	200
18	A longitudinal functional magnetic resonance imaging study of language development in children 5 to 11 years old. <i>Annals of Neurology</i> , 2006, 59, 796-807.	5.3	197

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19	Evidence of White Matter Pathology in Bipolar Disorder Adolescents Experiencing Their First Episode of Mania: A Diffusion Tensor Imaging Study. <i>American Journal of Psychiatry</i> , 2006, 163, 322-324.	7.2	194
20	Associations Between Screen-Based Media Use and Brain White Matter Integrity in Preschool-Aged Children. <i>JAMA Pediatrics</i> , 2020, 174, e193869.	6.2	194
21	Simultaneous correction of ghost and geometric distortion artifacts in EPI using a multiecho reference scan. <i>IEEE Transactions on Medical Imaging</i> , 2001, 20, 535-539.	8.9	191
22	Abnormal fMRI Brain Activation in Euthymic Bipolar Disorder Patients During a Counting Stroop Interference Task. <i>American Journal of Psychiatry</i> , 2005, 162, 1697-1705.	7.2	190
23	Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy. <i>Neurology</i> , 2017, 88, 395-402.	1.1	188
24	Changes in neuronal activation in patients with bipolar disorder during performance of a working memory task. <i>Bipolar Disorders</i> , 2004, 6, 540-549.	1.9	180
25	Voxel-based morphometry in adolescents with bipolar disorder: first results. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 57-69.	1.8	173
26	Comparison of three methods for generating group statistical inferences from independent component analysis of functional magnetic resonance imaging data. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 365-368.	3.4	150
27	Age-related connectivity changes in fMRI data from children listening to stories. <i>NeuroImage</i> , 2007, 34, 349-360.	4.2	139
28	Global and local development of gray and white matter volume in normal children and adolescents. <i>Experimental Brain Research</i> , 2007, 178, 296-307.	1.5	139
29	fMRI Shows Atypical Language Lateralization in Pediatric Epilepsy Patients. <i>Epilepsia</i> , 2006, 47, 593-600.	5.1	136
30	Infant brain probability templates for MRI segmentation and normalization. <i>NeuroImage</i> , 2008, 43, 721-730.	4.2	133
31	Cognitive modules utilized for narrative comprehension in children: a functional magnetic resonance imaging study. <i>NeuroImage</i> , 2006, 29, 254-266.	4.2	130
32	Sex differences in the development of neuroanatomical functional connectivity underlying intelligence found using Bayesian connectivity analysis. <i>NeuroImage</i> , 2007, 35, 406-419.	4.2	130
33	Changes in neuronal activation with increasing attention demand in healthy volunteers: An fMRI study. <i>Synapse</i> , 2001, 42, 266-272.	1.2	127
34	Home Reading Environment and Brain Activation in Preschool Children Listening to Stories. <i>Pediatrics</i> , 2015, 136, 466-478.	2.1	124
35	Comprehensive presurgical functional MRI language evaluation in adult patients with epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 74-83.	1.7	111
36	Cortical and subcortical contributions to absence seizure onset examined with EEG/fMRI. <i>Epilepsy and Behavior</i> , 2010, 18, 404-413.	1.7	109

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37	The Impact of Early Childhood Lead Exposure on Brain Organization: A Functional Magnetic Resonance Imaging Study of Language Function. <i>Pediatrics</i> , 2006, 118, 971-977.	2.1	107
38	Left-handedness and language lateralization in children. <i>Brain Research</i> , 2012, 1433, 85-97.	2.2	106
39	Neurite density index is sensitive to age related differences in the developing brain. <i>NeuroImage</i> , 2017, 148, 373-380.	4.2	101
40	Cortical reorganization of language functioning following perinatal left MCA stroke. <i>Brain and Language</i> , 2008, 105, 99-111.	1.6	97
41	Functional MRI evidence for disparate developmental processes underlying intelligence in boys and girls. <i>NeuroImage</i> , 2006, 31, 1366-1379.	4.2	93
42	Sex differences in white matter development during adolescence: A DTI study. <i>Brain Research</i> , 2012, 1478, 1-15.	2.2	93
43	Recovered vs. not-recovered from post-stroke aphasia: The contributions from the dominant and non-dominant hemispheres. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 347-360.	0.7	92
44	Diffusion Tensor MR Imaging Reveals Persistent White Matter Alteration after Traumatic Brain Injury Experienced during Early Childhood. <i>American Journal of Neuroradiology</i> , 2007, 28, 1919-1925.	2.4	91
45	Comparison of fMRI data from passive listening and active response story processing tasks in children. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 971-976.	3.4	87
46	Sex differences in the activation of language cortex during childhood. <i>Neuropsychologia</i> , 2006, 44, 1210-1221.	1.6	85
47	Nuclear magnetic resonance signal from flowing nuclei in rapid imaging using gradient echoes. <i>Medical Physics</i> , 1988, 15, 809-814.	3.0	84
48	Functional Magnetic Resonance Imaging in Pediatrics. <i>Neuropediatrics</i> , 2003, 34, 225-233.	0.6	83
49	Quantification of head motion in children during various fMRI language tasks. <i>Human Brain Mapping</i> , 2009, 30, 1481-1489.	3.6	83
50	BOLD fMRI signal increases with age in selected brain regions in children. <i>NeuroReport</i> , 2004, 15, 2575-2578.	1.2	79
51	Reduced default mode network connectivity in treatment-resistant idiopathic generalized epilepsy. <i>Epilepsia</i> , 2013, 54, 461-470.	5.1	73
52	Reliability of fMRI for studies of language in post-stroke aphasia subjects. <i>NeuroImage</i> , 2008, 41, 311-322.	4.2	69
53	Semantic association investigated with functional MRI and independent component analysis. <i>Epilepsy and Behavior</i> , 2011, 20, 613-622.	1.7	69
54	A 10-year longitudinal fMRI study of narrative comprehension in children and adolescents. <i>NeuroImage</i> , 2012, 63, 1188-1195.	4.2	69

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55	Comorbid ADHD is associated with altered patterns of neuronal activation in adolescents with bipolar disorder performing a simple attention task. <i>Bipolar Disorders</i> , 2005, 7, 577-588.	1.9	68
56	Functional Magnetic Resonance Imaging Reveals Atypical Language Organization in Children Following Perinatal Left Middle Cerebral Artery Stroke. <i>Neuropediatrics</i> , 2006, 37, 46-52.	0.6	66
57	Functional magnetic resonance imaging assessment of cognitive function in childhood-onset systemic lupus erythematosus: A pilot study. <i>Arthritis and Rheumatism</i> , 2007, 56, 4151-4163.	6.7	66
58	Shared Reading Quality and Brain Activation during Story Listening in Preschool-Age Children. <i>Journal of Pediatrics</i> , 2017, 191, 204-211.e1.	1.8	66
59	Medial temporal fMRI activation reflects memory lateralization and memory performance in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 410-418.	1.7	63
60	Simultaneous EEG/Functional Magnetic Resonance Imaging at 4 Tesla: Correlates of Brain Activity to Spontaneous Alpha Rhythm During Relaxation. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 255-264.	1.7	63
61	The effect of musical training on music processing: a functional magnetic resonance imaging study in humans. <i>Neuroscience Letters</i> , 2003, 348, 65-68.	2.1	61
62	Decreased amygdala-insula resting state connectivity in behaviorally and emotionally dysregulated youth. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 77-86.	1.8	61
63	Early prediction of cognitive deficits in very preterm infants using functional connectome data in an artificial neural network framework. <i>NeuroImage: Clinical</i> , 2018, 18, 290-297.	2.7	60
64	Language Networks in Children: Evidence from Functional MRI Studies. <i>American Journal of Roentgenology</i> , 2009, 192, 1190-1196.	2.2	59
65	Making Memories: A Cross-Sectional Investigation of Episodic Memory Encoding in Childhood Using fMRI. <i>Developmental Neuropsychology</i> , 2006, 29, 321-340.	1.4	58
66	Event-related fMRI technique for auditory processing with hemodynamics unrelated to acoustic gradient noise. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 399-402.	3.0	56
67	High-resolution functional MRI at 3T in healthy and epilepsy subjects: hippocampal activation with picture encoding task. <i>Epilepsy and Behavior</i> , 2004, 5, 244-252.	1.7	56
68	Unilateral deafness in children affects development of multi-modal modulation and default mode networks. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 164.	2.0	56
69	Increased resting-state functional connectivity of visual- and cognitive-control brain networks after training in children with reading difficulties. <i>NeuroImage: Clinical</i> , 2015, 8, 619-630.	2.7	56
70	Morphometric Differences in the Heschl's Gyrus of Hearing Impaired and Normal Hearing Infants. <i>Cerebral Cortex</i> , 2011, 21, 991-998.	2.9	54
71	Factors Determining Success of Awake and Asleep Magnetic Resonance Imaging Scans in Nonsedated Children. <i>Neuropediatrics</i> , 2014, 45, 370-377.	0.6	54
72	CerebroMatic: A Versatile Toolbox for Spline-Based MRI Template Creation. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 5.	2.1	54

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73	Moderating effects of music on resting state networks. <i>Brain Research</i> , 2012, 1447, 53-64.	2.2	53
74	Poststroke Aphasia Recovery Assessed With Functional Magnetic Resonance Imaging and a Picture Identification Task. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 336-345.	1.6	52
75	Overlapping neural circuitry for narrative comprehension and proficient reading in children and adolescents. <i>Neuropsychologia</i> , 2013, 51, 2651-2662.	1.6	52
76	Preliminary fMRI findings in experimentally sleep-restricted adolescents engaged in a working memory task. <i>Behavioral and Brain Functions</i> , 2009, 5, 9.	3.3	50
77	Greater functional connectivity between reading and error-detection regions following training with the reading acceleration program in children with reading difficulties. <i>Annals of Dyslexia</i> , 2015, 65, 1-23.	1.7	50
78	Long-term neural processing of attention following early childhood traumatic brain injury: fMRI and neurobehavioral outcomes. <i>Journal of the International Neuropsychological Society</i> , 2008, 14, 424-435.	1.8	49
79	Involvement of the right hemisphere in reading comprehension: A DTI study. <i>Brain Research</i> , 2014, 1582, 34-44.	2.2	49
80	The relationship between the localization of the generalized spike and wave discharge generators and the response to valproate. <i>Epilepsia</i> , 2013, 54, 471-480.	5.1	48
81	A group independent component analysis of covert verb generation in children: A functional magnetic resonance imaging study. <i>NeuroImage</i> , 2010, 51, 472-487.	4.2	47
82	Reading acceleration training changes brain circuitry in children with reading difficulties. <i>Brain and Behavior</i> , 2014, 4, 886-902.	2.2	47
83	Story time turbocharger? Child engagement during shared reading and cerebellar activation and connectivity in preschool-age children listening to stories. <i>PLoS ONE</i> , 2017, 12, e0177398.	2.5	47
84	Functional Magnetic Resonance Imaging of the Pediatric Swallow: Imaging the Cortex and the Brainstem. <i>Laryngoscope</i> , 2001, 111, 1183-1191.	2.0	46
85	The effect of musical training on the neural correlates of math processing: a functional magnetic resonance imaging study in humans. <i>Neuroscience Letters</i> , 2004, 354, 193-196.	2.1	46
86	Cortical reorganization in children with unilateral sensorineural hearing loss. <i>NeuroReport</i> , 2005, 16, 463-467.	1.2	46
87	Females and males are highly similar in language performance and cortical activation patterns during verb generation. <i>Cortex</i> , 2012, 48, 1218-1233.	2.4	45
88	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. <i>JAMA Psychiatry</i> , 2014, 71, 71.	11.0	45
89	The canonical semantic network supports residual language function in chronic post-stroke aphasia. <i>Human Brain Mapping</i> , 2017, 38, 1636-1658.	3.6	45
90	Altered functional network connectivity in preterm infants: antecedents of cognitive and motor impairments?. <i>Brain Structure and Function</i> , 2018, 223, 3665-3680.	2.3	45

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91	Object identification and lexical/semantic access in children: A functional magnetic resonance imaging study of word-picture matching. <i>Human Brain Mapping</i> , 2007, 28, 1060-1074.	3.6	44
92	DTI Values in Key White Matter Tracts from Infancy through Adolescence. <i>American Journal of Neuroradiology</i> , 2013, 34, 1443-1449.	2.4	44
93	Different patterns of language activation in post-stroke aphasia are detected by overt and covert versions of the verb generation fMRI task. <i>Medical Science Monitor</i> , 2012, 18, CR135-CR147.	1.1	44
94	Diffusion Tensor Imaging Properties and Neurobehavioral Outcomes in Children with Hydrocephalus. <i>American Journal of Neuroradiology</i> , 2013, 34, 439-445.	2.4	43
95	Functional Magnetic Resonance Imaging Reveals Changes in Language Localization in Children With Benign Childhood Epilepsy With Centrottemporal Spikes. <i>Journal of Child Neurology</i> , 2013, 28, 435-445.	1.4	43
96	Longitudinal comparison of pre- and postoperative diffusion tensor imaging parameters in young children with hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 385-391.	1.3	42
97	The accuracy of linear indices of ventricular volume in pediatric hydrocephalus: technical note. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 547-551.	1.3	42
98	Imaging oxygen tension in liver and spleen by <sup>19</sup> F NMR. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 446-458.	3.0	41
99	Variability of gray and white matter during normal development: a voxel-based MRI analysis. <i>NeuroReport</i> , 2003, 14, 1887-1890.	1.2	41
100	Neural correlates of phonological processing in speech sound disorder: A functional magnetic resonance imaging study. <i>Brain and Language</i> , 2011, 119, 42-49.	1.6	41
101	Hypoglycemic Brain Injury: Potentiation from Respiratory Depression and Injury Aggravation from Hyperglycemic Treatment Overshoots. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 82-92.	4.3	40
102	Functional Magnetic Resonance Imaging of Hearing-Impaired Children Under Sedation Before Cochlear Implantation. <i>JAMA Otolaryngology</i> , 2007, 133, 677.	1.2	39
103	Arcuate fasciculus asymmetry has a hand in language function but not handedness. <i>Human Brain Mapping</i> , 2016, 37, 3297-3309.	3.6	39
104	Age-related language lateralization assessed by fMRI: The effects of sex and handedness. <i>Brain Research</i> , 2017, 1674, 20-35.	2.2	39
105	Diffusion tensor imaging correlates with cytopathology in a rat model of neonatal hydrocephalus. <i>Cerebrospinal Fluid Research</i> , 2010, 7, 19.	0.5	36
106	Abnormal deactivation of the inferior frontal gyrus during implicit emotion processing in youth with bipolar disorder: Attenuated by medication. <i>Journal of Psychiatric Research</i> , 2014, 58, 129-136.	3.1	36
107	Diffusion tensor imaging study of pediatric patients with congenital hydrocephalus: 1-year postsurgical outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 306-319.	1.3	36
108	Associations between home literacy environment, brain white matter integrity and cognitive abilities in preschool-age children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1376-1386.	1.5	35

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109	Reading improvement in English- and Hebrew-speaking children with reading difficulties after reading acceleration training. <i>Annals of Dyslexia</i> , 2014, 64, 183-201.	1.7	34
110	Evidence that neurovascular coupling underlying the BOLD effect increases with age during childhood. <i>Human Brain Mapping</i> , 2015, 36, 1-15.	3.6	34
111	Right is not always wrong: DTI and fMRI evidence for the reliance of reading comprehension on language-comprehension networks in the right hemisphere. <i>Brain Imaging and Behavior</i> , 2015, 9, 19-31.	2.1	34
112	Using a Phantom to Compare MR Techniques for Determining the Ratio of Intraabdominal to Subcutaneous Adipose Tissue. <i>American Journal of Roentgenology</i> , 2003, 180, 993-998.	2.2	33
113	Emotional Face Processing in Pediatric Bipolar Disorder: Evidence for Functional Impairments in the Fusiform Gyrus. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 1314-1325.e3.	0.5	33
114	BOLD fMRI in infants under sedation: Comparing the impact of pentobarbital and propofol on auditory and language activation. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1184-1195.	3.4	33
115	Differences in paracingulate connectivity associated with epileptiform discharges and uncontrolled seizures in genetic generalized epilepsy. <i>Epilepsia</i> , 2014, 55, 256-263.	5.1	33
116	Correlation of diffusion tensor imaging with executive function measures after early childhood traumatic brain injury. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2009, 2, 273-283.	0.5	32
117	White Matter Structure in Youth With Behavioral and Emotional Dysregulation Disorders. <i>JAMA Psychiatry</i> , 2015, 72, 367.	11.0	32
118	Prosodic processing by children: An fMRI study. <i>Brain and Language</i> , 2006, 97, 332-342.	1.6	31
119	Development of effective connectivity for narrative comprehension in children. <i>NeuroReport</i> , 2007, 18, 1411-1415.	1.2	31
120	The effects of left or right hemispheric epilepsy on language networks investigated with semantic decision fMRI task and independent component analysis. <i>Epilepsy and Behavior</i> , 2011, 20, 623-632.	1.7	31
121	Diffusion Tensor Imaging Reveals White Matter Microstructure Correlations With Auditory Processing Ability. <i>Ear and Hearing</i> , 2011, 32, 156-167.	2.1	31
122	Optimized simultaneous ASL and BOLD functional imaging of the whole brain. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1104-1117.	3.4	31
123	Amygdala-prefrontal cortical functional connectivity during implicit emotion processing differentiates youth with bipolar spectrum from youth with externalizing disorders. <i>Journal of Affective Disorders</i> , 2017, 208, 94-100.	4.1	31
124	Developmental changes in functional brain networks from birth through adolescence. <i>Human Brain Mapping</i> , 2019, 40, 1434-1444.	3.6	31
125	Differences in functional brain network connectivity during stories presented in audio, illustrated, and animated format in preschool-age children. <i>Brain Imaging and Behavior</i> , 2020, 14, 130-141.	2.1	30
126	Characterization of abnormal diffusion properties of supratentorial brain tumors: a preliminary diffusion tensor imaging study. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 263-269.	1.3	29



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127	Pseudo continuous arterial spin labeling quantification in anemic subjects with hyperemic cerebral blood flow. <i>Magnetic Resonance Imaging</i> , 2018, 47, 137-146.	1.8	29
128	Neural substrate differences in language networks and associated language-related behavioral impairments in children with TBI: A preliminary fMRI investigation. <i>NeuroRehabilitation</i> , 2007, 22, 355-369.	1.3	28
129	Neural Correlates of Interference Control in Adolescents with Traumatic Brain Injury: Functional Magnetic Resonance Imaging Study of the Counting Stroop Task. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 181-189.	1.8	28
130	Diffusion tensor imaging of white matter injury in a rat model of infantile hydrocephalus. <i>Child's Nervous System</i> , 2012, 28, 47-54.	1.1	28
131	A semi-supervised Support Vector Machine model for predicting the language outcomes following cochlear implantation based on pre-implant brain fMRI imaging. <i>Brain and Behavior</i> , 2015, 5, e00391.	2.2	28
132	Language processing during natural sleep in a 6-year-old boy, as assessed with functional MR imaging. <i>American Journal of Neuroradiology</i> , 2003, 24, 42-4.	2.4	28
133	Functional MRI in children: clinical and research applications. <i>Pediatric Radiology</i> , 2010, 40, 31-49.	2.0	27
134	Functional Magnetic Resonance Imaging of Cognitive Processing in Young Adults With Down Syndrome. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2011, 116, 344-359.	1.6	27
135	Greater Utilization of Neural-Circuits Related to Executive Functions is Associated with Better Reading: A Longitudinal fMRI Study Using the Verb Generation Task. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 447.	2.0	27
136	Altered white matter microstructure underlies listening difficulties in children suspected of auditory processing disorders: a DTI study. <i>Brain and Behavior</i> , 2014, 4, 531-543.	2.2	27
137	Functional MRI evidence for fine motor praxis dysfunction in children with persistent speech disorders. <i>Brain Research</i> , 2015, 1597, 47-56.	2.2	27
138	Extremely preterm children exhibit increased interhemispheric connectivity for language: findings from fMRI-constrained MEG analysis. <i>Developmental Science</i> , 2018, 21, e12669.	2.4	26
139	A position-sensitive superheated emulsion chamber for three-dimensional photon dosimetry. <i>Physics in Medicine and Biology</i> , 1998, 43, 1147-1158.	3.0	25
140	Saposin C Coupled Lipid Nanovesicles Enable Cancer-Selective Optical and Magnetic Resonance Imaging. <i>Molecular Imaging and Biology</i> , 2011, 13, 886-897.	2.6	25
141	Combined analysis of sMRI and fMRI imaging data provides accurate disease markers for hearing impairment. <i>NeuroImage: Clinical</i> , 2013, 3, 416-428.	2.7	25
142	Diffusion tensor imaging detects white matter abnormalities and associated cognitive deficits in chronic adolescent TBI. <i>Brain Injury</i> , 2013, 27, 454-463.	1.2	25
143	Clinical, cortical thickness and neural activity predictors of future affective lability in youth at risk for bipolar disorder: initial discovery and independent sample replication. <i>Molecular Psychiatry</i> , 2019, 24, 1856-1867.	7.9	24
144	Neuromagnetic measures of word processing in bilinguals and monolinguals. <i>Clinical Neurophysiology</i> , 2011, 122, 1706-1717.	1.5	23

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145	A Linear Structural Equation Model for Covert Verb Generation Based on Independent Component Analysis of fMRI Data from Children and Adolescents. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 29.	2.5	23
146	Obese adolescents with type 2 diabetes perform worse than controls on cognitive and behavioral assessments. <i>Pediatric Diabetes</i> , 2017, 18, 297-303.	2.9	23
147	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. <i>Brain and Cognition</i> , 2018, 121, 17-23.	1.8	23
148	The role of visual attention in dyslexia: Behavioral and neurobiological evidence. <i>Human Brain Mapping</i> , 2022, 43, 1720-1737.	3.6	23
149	Longitudinal comparison of diffusion tensor imaging parameters and neuropsychological measures following endoscopic third ventriculostomy for hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 630-635.	1.3	22
150	Characterizing Information Flux Within the Distributed Pediatric Expressive Language Network: A Core Region Mapped Through fMRI-Constrained MEG Effective Connectivity Analyses. <i>Brain Connectivity</i> , 2016, 6, 76-83.	1.7	22
151	Longitudinal fMRI study of language recovery after a left hemispheric ischemic stroke. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 359-385.	0.7	22
152	Reprint of "Cortical reorganization of language functioning following perinatal left MCA stroke" [Brain and Language 105 (2008) 99-111]. <i>Brain and Language</i> , 2008, 106, 184-194.	1.6	21
153	Multiple Sclerosis: Pathogenesis and MR Imaging Features of T1 Hypointensities in Murine Model. <i>Radiology</i> , 2008, 246, 790-795.	7.3	21
154	Functional magnetic resonance imaging of story listening in adolescents and young adults with <sup>D</sup>own syndrome: evidence for atypical neurodevelopment. <i>Journal of Intellectual Disability Research</i> , 2014, 58, 892-902.	2.0	21
155	Relationship between receptive vocabulary and the neural substrates for story processing in preschoolers. <i>Brain Imaging and Behavior</i> , 2015, 9, 43-55.	2.1	21
156	Abnormal structural connectivity in the brain networks of children with hydrocephalus. <i>NeuroImage: Clinical</i> , 2015, 8, 483-492.	2.7	21
157	Compensatory brain activation for recognition memory in patients with medication-resistant epilepsy. <i>Epilepsy and Behavior</i> , 2008, 13, 463-469.	1.7	20
158	Neural Correlates of Risky Decision Making in Adolescents With and Without Traumatic Brain Injury Using the Balloon Analog Risk Task. <i>Developmental Neuropsychology</i> , 2012, 37, 176-183.	1.4	20
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