

# Hikaru Takeuchi

## List of Publications by Year in descending order

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Version: 2024-02-01

153  
papers

6,036  
citations

76326

40  
h-index

85541

71  
g-index

155  
all docs

155  
docs citations

155  
times ranked

7099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shame proneness is associated with individual differences in temporal pole white matter structure. <i>Social Neuroscience</i> , 2022, , 1-10.	1.3	0
2	A psychiatric disorder risk polymorphism of <i>ITIH3</i> is associated with multiple neuroimaging phenotypes in young healthy adults. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 271-273.	1.8	1
3	Sex interaction of white matter microstructure and verbal IQ in corpus callosum in typically developing children and adolescents. <i>Brain and Development</i> , 2022, 44, 531-539.	1.1	3
4	Loneliness inside of the brain: evidence from a large dataset of resting-state fMRI in young adult. <i>Scientific Reports</i> , 2022, 12, 7856.	3.3	3
5	RELN rs7341475 associates with brain structure in japanese healthy females. <i>Neuroscience</i> , 2022, , .	2.3	0
6	A Prospective Study on the Relationship Between Driving and Non-occupational Computer Use With Risk of Dementia. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	3.4	2
7	Effects of Body Mass Index on Brain Structures in the Elderly: Longitudinal Analyses. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	1
8	Mercury levels in hair are associated with reduced neurobehavioral performance and altered brain structures in young adults. <i>Communications Biology</i> , 2022, 5, .	4.4	1
9	Effects of Diastolic Blood Pressure on Brain Structures and Cognitive Functions in Middle and Old Ages: Longitudinal Analyses. <i>Nutrients</i> , 2022, 14, 2464.	4.1	7
10	Effects of training of shadowing and reading aloud of second language on working memory and neural systems. <i>Brain Imaging and Behavior</i> , 2021, 15, 1253-1269.	2.1	4
11	General Intelligence Is Associated with Working Memory-Related Functional Connectivity Change: Evidence from a Large-Sample Study. <i>Brain Connectivity</i> , 2021, 11, 89-102.	1.7	4
12	Sex-Dependent Effects of theAPOEε4 Allele on Behavioral Traits and White Matter Structures in Young Adults. <i>Cerebral Cortex</i> , 2021, 31, 672-680.	2.9	4
13	Association Between OLIG2 Gene SNP rs1059004 and Negative Self-Schema Constructing Trait Factors Underlying Susceptibility to Depression. <i>Frontiers in Psychiatry</i> , 2021, 12, 631475.	2.6	1
14	Childhood socioeconomic status is associated with psychometric intelligence and microstructural brain development. <i>Communications Biology</i> , 2021, 4, 470.	4.4	17
15	Brain microstructural properties related to subjective well-being: diffusion tensor imaging analysis. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 1079-1090.	3.0	5
16	Lead exposure is associated with functional and microstructural changes in the healthy human brain. <i>Communications Biology</i> , 2021, 4, 912.	4.4	16
17	The influence of NRXN1 on systemizing and the brain structure in healthy adults. <i>Brain Imaging and Behavior</i> , 2021, , 1.	2.1	0
18	Polygenic risk score for bipolar disorder associates with divergent thinking and brain structures in the prefrontal cortex. <i>Human Brain Mapping</i> , 2021, 42, 6028-6037.	3.6	10

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19	Cortico-striatal-thalamic loop as a neural correlate of neuroticism in the mind-body interface. <i>Journal of Psychosomatic Research</i> , 2021, 149, 110590.	2.6	0
20	Brain structures and activity during a working memory task associated with internet addiction tendency in young adults: A large sample study. <i>PLoS ONE</i> , 2021, 16, e0259259.	2.5	7
21	Diet and Dementia: A Prospective Study. <i>Nutrients</i> , 2021, 13, 4500.	4.1	10
22	Effect of the interaction between BDNF Val66Met polymorphism and daily physical activity on mean diffusivity. <i>Brain Imaging and Behavior</i> , 2020, 14, 806-820.	2.1	7
23	A single nucleotide polymorphism (rs250 A/C) of the GFAP gene is associated with brain structures and cerebral blood flow. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 49-55.	1.8	1
24	Increased grey matter volume of the right superior temporal gyrus in healthy children with autistic cognitive style: A VBM study. <i>Brain and Cognition</i> , 2020, 139, 105514.	1.8	17
25	Association of iron levels in hair with brain structures and functions in young adults. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 58, 126436.	3.0	2
26	Succeeding in deactivating: associations of hair zinc levels with functional and structural neural mechanisms. <i>Scientific Reports</i> , 2020, 10, 12364.	3.3	3
27	The associations of BMI with mean diffusivity of basal ganglia among young adults with mild obesity and without obesity. <i>Scientific Reports</i> , 2020, 10, 12566.	3.3	5
28	Effects of Simultaneously Performed Dual-Task Training with Aerobic Exercise and Working Memory Training on Cognitive Functions and Neural Systems in the Elderly. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	2.2	17
29	Convergent creative thinking performance is associated with white matter structures: Evidence from a large sample study. <i>NeuroImage</i> , 2020, 210, 116577.	4.2	7
30	Originality of divergent thinking is associated with working memory-related brain activity: Evidence from a large sample study. <i>NeuroImage</i> , 2020, 216, 116825.	4.2	15
31	Ethnicity-Dependent Effects of Schizophrenia Risk Variants of the <i>OLIG2</i> Gene on <i>OLIG2</i> Transcription and White Matter Integrity. <i>Schizophrenia Bulletin</i> , 2020, 46, 1619-1628.	4.3	17
32	Neuroscience: Cellular Level, Gray Matter, Cellular Density. , 2020, , 202-210.		0
33	A Common CACNA1C Gene Risk Variant has Sex-Dependent Effects on Behavioral Traits and Brain Functional Activity. <i>Cerebral Cortex</i> , 2019, 29, 3211-3219.	2.9	9
34	Mean diffusivity associated with trait emotional intelligence. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 871-883.	3.0	2
35	Mean diffusivity related to rule-breaking guilt: the Macbeth effect in the sensorimotor regions. <i>Scientific Reports</i> , 2019, 9, 12227.	3.3	3
36	rs1360780 of the FKBP5 gene modulates the association between maternal acceptance and regional gray matter volume in the thalamus in children and adolescents. <i>PLoS ONE</i> , 2019, 14, e0221768.	2.5	11

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37	Implications of large-sample neuroimaging studies of creativity measured by divergent thinking. <i>Current Opinion in Behavioral Sciences</i> , 2019, 27, 139-145.	3.9	15
38	Empathizing associates with mean diffusivity. <i>Scientific Reports</i> , 2019, 9, 8856.	3.3	17
39	Neural substrates of self- and external- preoccupation: A voxel-based morphometry study. <i>Brain and Behavior</i> , 2019, 9, e01267.	2.2	2
40	Mean diffusivity related to collectivism among university students in Japan. <i>Scientific Reports</i> , 2019, 9, 1338.	3.3	6
41	Association of copper levels in the hair with gray matter volume, mean diffusivity, and cognitive functions. <i>Brain Structure and Function</i> , 2019, 224, 1203-1217.	2.3	10
42	Allergic tendencies are associated with larger gray matter volumes. <i>Scientific Reports</i> , 2018, 8, 3694.	3.3	7
43	Polymorphisms in the microglial marker molecule CX3CR1 affect the blood volume of the human brain. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 409-422.	1.8	5
44	Shorter sleep duration and better sleep quality are associated with greater tissue density in the brain. <i>Scientific Reports</i> , 2018, 8, 5833.	3.3	34
45	Refractive error is associated with intracranial volume. <i>Scientific Reports</i> , 2018, 8, 175.	3.3	7
46	General intelligence is associated with working memory-related brain activity: new evidence from a large sample study. <i>Brain Structure and Function</i> , 2018, 223, 4243-4258.	2.3	17
47	Effects of Time-Compressed Speech Training on Multiple Functional and Structural Neural Mechanisms Involving the Left Superior Temporal Gyrus. <i>Neural Plasticity</i> , 2018, 2018, 1-12.	2.2	10
48	Impact of frequency of internet use on development of brain structures and verbal intelligence: Longitudinal analyses. <i>Human Brain Mapping</i> , 2018, 39, 4471-4479.	3.6	49
49	Mean Diffusivity in the Dopaminergic System and Neural Differences Related to Dopaminergic System. <i>Current Neuropharmacology</i> , 2018, 16, 460-474.	2.9	21
50	The Effects of Family Socioeconomic Status on Psychological and Neural Mechanisms as Well as Their Sex Differences. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 543.	2.0	23
51	The anterior midcingulate cortex as a neural node underlying hostility in young adults. <i>Brain Structure and Function</i> , 2017, 222, 61-70.	2.3	10
52	Mean diffusivity of basal ganglia and thalamus specifically associated with motivational states among mood states. <i>Brain Structure and Function</i> , 2017, 222, 1027-1037.	2.3	26
53	Regional homogeneity, resting-state functional connectivity and amplitude of low frequency fluctuation associated with creativity measured by divergent thinking in a sex-specific manner. <i>NeuroImage</i> , 2017, 152, 258-269.	4.2	43
54	The VEGF gene polymorphism impacts brain volume and arterial blood volume. <i>Human Brain Mapping</i> , 2017, 38, 3516-3526.	3.6	13

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55	Lenticular nucleus correlates of general self-efficacy in young adults. <i>Brain Structure and Function</i> , 2017, 222, 3309-3318.	2.3	9
56	Neural plasticity in amplitude of low frequency fluctuation, cortical hub construction, regional homogeneity resulting from working memory training. <i>Scientific Reports</i> , 2017, 7, 1470.	3.3	26
57	Global associations between regional gray matter volume and diverse complex cognitive functions: evidence from a large sample study. <i>Scientific Reports</i> , 2017, 7, 10014.	3.3	41
58	Creative females have larger white matter structures: Evidence from a large sample study. <i>Human Brain Mapping</i> , 2017, 38, 414-430.	3.6	43
59	Step Sequence and Direction Detection of Four Square Step Test. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 2194-2200.	5.1	4
60	A Comprehensive Analysis of the Correlations between Resting-State Oscillations in Multiple-Frequency Bands and Big Five Traits. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 321.	2.0	13
61	Effects of Fast Simple Numerical Calculation Training on Neural Systems. <i>Neural Plasticity</i> , 2016, 2016, 1-15.	2.2	3
62	Reading Aloud and Solving Simple Arithmetic Calculation Intervention (Learning Therapy) Improves Inhibition, Verbal Episodic Memory, Focus Attention and Processing Speed in Healthy Elderly People: Evidence from a Randomized Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 217.	2.0	30
63	Are Plasma Oxytocin and Vasopressin Levels Reflective of Amygdala Activation during the Processing of Negative Emotions? A Preliminary Study. <i>Frontiers in Psychology</i> , 2016, 7, 480.	2.1	18
64	Sex-Related Differences in the Effects of Sleep Habits on Verbal and Visuospatial Working Memory. <i>Frontiers in Psychology</i> , 2016, 7, 1128.	2.1	10
65	Impact of videogame play on the brain's microstructural properties: cross-sectional and longitudinal analyses. <i>Molecular Psychiatry</i> , 2016, 21, 1781-1789.	7.9	59
66	Impact of reading habit on white matter structure: Cross-sectional and longitudinal analyses. <i>NeuroImage</i> , 2016, 133, 378-389.	4.2	19
67	High-gamma power changes after cognitive intervention: preliminary results from twenty-one senior adult subjects. <i>Brain and Behavior</i> , 2016, 6, e00427.	2.2	3
68	Neuroanatomical bases of effortful control: evidence from a large sample of young healthy adults using voxel-based morphometry. <i>Scientific Reports</i> , 2016, 6, 31231.	3.3	8
69	Differences in gray matter structure correlated to nationalism and patriotism. <i>Scientific Reports</i> , 2016, 6, 29912.	3.3	10
70	Effects of post-traumatic growth on the dorsolateral prefrontal cortex after a disaster. <i>Scientific Reports</i> , 2016, 6, 34364.	3.3	37
71	Postoperative hormonal therapy prevents recovery of neurological damage after surgery in patients with breast cancer. <i>Scientific Reports</i> , 2016, 6, 34671.	3.3	2
72	Basal ganglia correlates of fatigue in young adults. <i>Scientific Reports</i> , 2016, 6, 21386.	3.3	39

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73	Effects of the <i>BDNF</i> Val66Met Polymorphism on Gray Matter Volume in Typically Developing Children and Adolescents. <i>Cerebral Cortex</i> , 2016, 26, 1795-1803.	2.9	29
74	Neural Mechanisms and Children's Intellectual Development. <i>Neuroscientist</i> , 2016, 22, 618-631.	3.5	10
75	Parental Praise Correlates with Posterior Insular Cortex Gray Matter Volume in Children and Adolescents. <i>PLoS ONE</i> , 2016, 11, e0154220.	2.5	22
76	The structure of the amygdala associates with human sexual permissiveness: Evidence from voxel-based morphometry. <i>Human Brain Mapping</i> , 2015, 36, 440-448.	3.6	9
77	Mean diffusivity of globus pallidus associated with verbal creativity measured by divergent thinking and creativity-related temperaments in young healthy adults. <i>Human Brain Mapping</i> , 2015, 36, 1808-1827.	3.6	39
78	White matter structures associated with loneliness in young adults. <i>Scientific Reports</i> , 2015, 5, 17001.	3.3	61
79	Amygdala and cingulate structure is associated with stereotype on sex-role. <i>Scientific Reports</i> , 2015, 5, 14220.	3.3	6
80	The Associations between Regional Gray Matter Structural Changes and Changes of Cognitive Performance in Control Groups of Intervention Studies. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 681.	2.0	4
81	Postoperative Structural Brain Changes and Cognitive Dysfunction in Patients with Breast Cancer. <i>PLoS ONE</i> , 2015, 10, e0140655.	2.5	33
82	The associations among the dopamine D2 receptor Taq1, emotional intelligence, creative potential measured by divergent thinking, and motivational state and these associations' sex differences. <i>Frontiers in Psychology</i> , 2015, 6, 912.	2.1	30
83	Effects of Different Types of Cognitive Training on Cognitive Function, Brain Structure, and Driving Safety in Senior Daily Drivers: A Pilot Study. <i>Behavioural Neurology</i> , 2015, 2015, 1-18.	2.1	28
84	Regional gray matter density is associated with morningness-eveningness: Evidence from voxel-based morphometry. <i>NeuroImage</i> , 2015, 117, 294-304.	4.2	26
85	Cognitive and neural correlates of the 5-repeat allele of the dopamine D4 receptor gene in a population lacking the 7-repeat allele. <i>NeuroImage</i> , 2015, 110, 124-135.	4.2	27
86	The Impact of Parent-Child Interaction on Brain Structures: Cross-sectional and Longitudinal Analyses. <i>Journal of Neuroscience</i> , 2015, 35, 2233-2245.	3.6	28
87	Working memory training impacts the mean diffusivity in the dopaminergic system. <i>Brain Structure and Function</i> , 2015, 220, 3101-3111.	2.3	32
88	The Impact of Television Viewing on Brain Structures: Cross-Sectional and Longitudinal Analyses. <i>Cerebral Cortex</i> , 2015, 25, 1188-1197.	2.9	94
89	Resilience after 3/11: structural brain changes 1 year after the Japanese earthquake. <i>Molecular Psychiatry</i> , 2015, 20, 553-554.	7.9	14
90	Neuroanatomical correlates of the sense of control: Gray and white matter volumes associated with an internal locus of control. <i>NeuroImage</i> , 2015, 119, 146-151.	4.2	31

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91	Increased Posterior Hippocampal Volumes in Children with Lower Increase in Body Mass Index: A 3-Year Longitudinal MRI Study. <i>Developmental Neuroscience</i> , 2015, 37, 153-160.	2.0	13
92	Degree centrality and fractional amplitude of low-frequency oscillations associated with Stroop interference. <i>NeuroImage</i> , 2015, 119, 197-209.	4.2	67
93	Individual differences in cognitive performance and brain structure in typically developing children. <i>Developmental Cognitive Neuroscience</i> , 2015, 14, 1-7.	4.0	17
94	Comprehensive neural networks for guilty feelings in young adults. <i>NeuroImage</i> , 2015, 105, 248-256.	4.2	5
95	Brain structures in the sciences and humanities. <i>Brain Structure and Function</i> , 2015, 220, 3295-3305.	2.3	22
96	Regional Gray Matter Density Associated with Cognitive Reflectivityâ€™Impulsivity: Evidence from Voxel-Based Morphometry. <i>PLoS ONE</i> , 2015, 10, e0122666.	2.5	5
97	The Relationship between Processing Speed and Regional White Matter Volume in Healthy Young People. <i>PLoS ONE</i> , 2015, 10, e0136386.	2.5	53
98	White Matter Microstructural Changes as Vulnerability Factors and Acquired Signs of Post-Earthquake Distress. <i>PLoS ONE</i> , 2014, 9, e83967.	2.5	21
99	Regional Gray Matter Volume Is Associated with Empathizing and Systemizing in Young Adults. <i>PLoS ONE</i> , 2014, 9, e84782.	2.5	41
100	Long-Term Effects of Postearthquake Distress on Brain Microstructural Changes. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	5
101	Working memory training improves emotional states of healthy individuals. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 200.	2.5	32
102	Healthy children show gender differences in correlations between nonverbal cognitive ability and brain activation during visual perception. <i>Neuroscience Letters</i> , 2014, 577, 66-71.	2.1	7
103	Creativity measured by divergent thinking is associated with two axes of autistic characteristics. <i>Frontiers in Psychology</i> , 2014, 5, 921.	2.1	19
104	Correlations between brain structures and study time at home in healthy children: a longitudinal analysis. <i>Brain and Behavior</i> , 2014, 4, 801-811.	2.2	3
105	Effects of multitaskingâ€™training on gray matter structure and resting state neural mechanisms. <i>Human Brain Mapping</i> , 2014, 35, 3646-3660.	3.6	44
106	Developmental changes in brain activation involved in the production of novel speech sounds in children. <i>Human Brain Mapping</i> , 2014, 35, 4079-4089.	3.6	7
107	Anatomical correlates of quality of life: Evidence from voxelâ€™based morphometry. <i>Human Brain Mapping</i> , 2014, 35, 1834-1846.	3.6	64
108	Associations among imaging measures (2): The association between gray matter concentration and task-induced activation changes. <i>Human Brain Mapping</i> , 2014, 35, 185-198.	3.6	23

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109	Association between gray matter volume in the caudate nucleus and financial extravagance: Findings from voxel-based morphometry. <i>Neuroscience Letters</i> , 2014, 563, 28-32.	2.1	7
110	Regional gray matter density is associated with achievement motivation: evidence from voxel-based morphometry. <i>Brain Structure and Function</i> , 2014, 219, 71-83.	2.3	111
111	The neural bases underlying social risk perception in purchase decisions. <i>NeuroImage</i> , 2014, 91, 120-128.	4.2	16
112	Regional gray matter volume increases following 7 days of voluntary wheel running exercise: A longitudinal VBM study in rats. <i>NeuroImage</i> , 2014, 98, 82-90.	4.2	47
113	Biofeedback-based training for stress management in daily hassles: an intervention study. <i>Brain and Behavior</i> , 2014, 4, 566-579.	2.2	33
114	Association between resting-state functional connectivity and empathizing/systemizing. <i>NeuroImage</i> , 2014, 99, 312-322.	4.2	84
115	White matter structures associated with emotional intelligence: Evidence from diffusion tensor imaging. <i>Human Brain Mapping</i> , 2013, 34, 1025-1034.	3.6	43
116	Linear and curvilinear correlations of brain white matter volume, fractional anisotropy, and mean diffusivity with age using voxel-based and region-of-interest analyses in 246 healthy children. <i>Human Brain Mapping</i> , 2013, 34, 1842-1856.	3.6	57
117	Linear and curvilinear correlations of brain gray matter volume and density with age using voxel-based morphometry with the Akaike information criterion in 291 healthy children. <i>Human Brain Mapping</i> , 2013, 34, 1857-1871.	3.6	25
118	Brain structures associated with executive functions during everyday events in a non-clinical sample. <i>Brain Structure and Function</i> , 2013, 218, 1017-1032.	2.3	79
119	Resting state functional connectivity associated with trait emotional intelligence. <i>NeuroImage</i> , 2013, 83, 318-328.	4.2	52
120	Effects of working memory training on functional connectivity and cerebral blood flow during rest. <i>Cortex</i> , 2013, 49, 2106-2125.	2.4	133
121	White matter structures associated with empathizing and systemizing in young adults. <i>NeuroImage</i> , 2013, 77, 222-236.	4.2	77
122	Brain Training Game Boosts Executive Functions, Working Memory and Processing Speed in the Young Adults: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e55518.	2.5	176
123	Anatomical correlates of self-handicapping tendency. <i>Cortex</i> , 2013, 49, 1148-1154.	2.4	26
124	Brain structural changes as vulnerability factors and acquired signs of post-earthquake stress. <i>Molecular Psychiatry</i> , 2013, 18, 618-623.	7.9	99
125	Compensatory Effort Parallels Midbrain Deactivation during Mental Fatigue: An fMRI Study. <i>PLoS ONE</i> , 2013, 8, e56606.	2.5	36
126	Topological Organization of Functional Brain Networks in Healthy Children: Differences in Relation to Age, Sex, and Intelligence. <i>PLoS ONE</i> , 2013, 8, e55347.	2.5	142



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127	Association of hair iron levels with creativity and psychological variables related to creativity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 875.	2.0	15
128	Effects of processing speed training on cognitive functions and neural systems. <i>Reviews in the Neurosciences</i> , 2012, 23, 289-301.	2.9	52
129	Brain Training Game Improves Executive Functions and Processing Speed in the Elderly: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e29676.	2.5	267
130	The Association between Resting Functional Connectivity and Creativity. <i>Cerebral Cortex</i> , 2012, 22, 2921-2929.	2.9	205
131	Correlation among body height, intelligence, and brain gray matter volume in healthy children. <i>NeuroImage</i> , 2012, 59, 1023-1027.	4.2	68
132	Regional gray and white matter volume associated with Stroop interference: Evidence from voxel-based morphometry. <i>NeuroImage</i> , 2012, 59, 2899-2907.	4.2	91
133	Sleep duration during weekdays affects hippocampal gray matter volume in healthy children. <i>NeuroImage</i> , 2012, 60, 471-475.	4.2	96
134	The correlation between brain gray matter volume and empathizing and systemizing quotients in healthy children. <i>NeuroImage</i> , 2012, 60, 2035-2041.	4.2	69
135	A voxel-based morphometry study of gray and white matter correlates of a need for uniqueness. <i>NeuroImage</i> , 2012, 63, 1119-1126.	4.2	37
136	Neural Correlates of the Difference between Working Memory Speed and Simple Sensorimotor Speed: An fMRI Study. <i>PLoS ONE</i> , 2012, 7, e30579.	2.5	24
137	Gender differences in partial-volume corrected brain perfusion using brain MRI in healthy children. <i>NeuroImage</i> , 2011, 58, 709-715.	4.2	24
138	Failing to deactivate: The association between brain activity during a working memory task and creativity. <i>NeuroImage</i> , 2011, 55, 681-687.	4.2	211
139	Cerebral Blood Flow during Rest Associates with General Intelligence and Creativity. <i>PLoS ONE</i> , 2011, 6, e25532.	2.5	72
140	Neural Bases of a Specific Strategy for Visuospatial Processing in Rugby Players. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1857-1862.	0.4	13
141	Verbal working memory performance correlates with regional white matter structures in the frontoparietal regions. <i>Neuropsychologia</i> , 2011, 49, 3466-3473.	1.6	78
142	Regional gray matter density associated with emotional intelligence: Evidence from voxel-based morphometry. <i>Human Brain Mapping</i> , 2011, 32, 1497-1510.	3.6	111
143	Correlation between gray matter density-adjusted brain perfusion and age using brain MR images of 202 healthy children. <i>Human Brain Mapping</i> , 2011, 32, 1973-1985.	3.6	84
144	Effects of Training of Processing Speed on Neural Systems. <i>Journal of Neuroscience</i> , 2011, 31, 12139-12148.	3.6	117

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145	Working Memory Training Using Mental Calculation Impacts Regional Gray Matter of the Frontal and Parietal Regions. PLoS ONE, 2011, 6, e23175.	2.5	141
146	Dissociable Roles of the Anterior Temporal Regions in Successful Encoding of Memory for Person Identity Information. Journal of Cognitive Neuroscience, 2010, 22, 2226-2237.	2.3	43
147	Effects of Working Memory Training on Cognitive Functions and Neural Systems. Reviews in the Neurosciences, 2010, 21, 427-49.	2.9	74
148	White matter structures associated with creativity: Evidence from diffusion tensor imaging. NeuroImage, 2010, 51, 11-18.	4.2	184
149	Regional gray matter volume of dopaminergic system associate with creativity: Evidence from voxel-based morphometry. NeuroImage, 2010, 51, 578-585.	4.2	219
150	Training of Working Memory Impacts Structural Connectivity. Journal of Neuroscience, 2010, 30, 3297-3303.	3.6	452
151	The neural basis of agency: An fMRI study. NeuroImage, 2010, 50, 198-207.	4.2	102
152	Breakfast Staple Types Affect Brain Gray Matter Volume and Cognitive Function in Healthy Children. PLoS ONE, 2010, 5, e15213.	2.5	64
153	Structural Studies of Creativity Measured by Divergent Thinking. , 0, , 451-463.		3