

Karl Zilles

List of Publications by Year in descending order

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Version: 2024-02-01

531
papers

68,537
citations

492

129
h-index

1009

236
g-index

568
all docs

568
docs citations

568
times ranked

39188
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalized brain models identify neurotransmitter receptor changes in Alzheimer's disease. <i>Brain</i> , 2022, 145, 1785-1804.	7.6	23
2	Receptor architecture of macaque and human early visual areas: not equal, but comparable. <i>Brain Structure and Function</i> , 2022, 227, 1247-1263.	2.3	16
3	New boundaries and dissociation of the mouse hippocampus along the dorsal-ventral axis based on glutamatergic, <scp>GABAergic</scp> and catecholaminergic receptor densities. <i>Hippocampus</i> , 2021, 31, 56-78.	1.9	21
4	Multimodal 3D atlas of the macaque monkey motor and premotor cortex. <i>NeuroImage</i> , 2021, 226, 117574.	4.2	27
5	Organization of the macaque monkey inferior parietal lobule based on multimodal receptor architectonics. <i>NeuroImage</i> , 2021, 231, 117843.	4.2	20
6	Distribution of the Noradrenaline Innervation and Adrenoceptors in the Macaque Monkey Thalamus. <i>Cerebral Cortex</i> , 2021, 31, 4115-4139.	2.9	16
7	A dopamine gradient controls access to distributed working memory in the large-scale monkey cortex. <i>Neuron</i> , 2021, 109, 3500-3520.e13.	8.1	48
8	Sulcal morphology of ventral temporal cortex is shared between humans and other hominoids. <i>Scientific Reports</i> , 2020, 10, 17132.	3.3	29
9	Julich-Brain: A 3D probabilistic atlas of the human brain's cytoarchitecture. <i>Science</i> , 2020, 369, 988-992.	12.6	246
10	Multimodal mapping and analysis of the cyto- and receptorarchitecture of the human hippocampus. <i>Brain Structure and Function</i> , 2020, 225, 881-907.	2.3	45
11	Four new cytoarchitectonic areas surrounding the primary and early auditory cortex in human brains. <i>Cortex</i> , 2020, 128, 1-21.	2.4	32
12	BigBrain 3D atlas of cortical layers: Cortical and laminar thickness gradients diverge in sensory and motor cortices. <i>PLoS Biology</i> , 2020, 18, e3000678.	5.6	120
13	Anatomy of nerve fiber bundles at micrometer-resolution in the vervet monkey visual system. <i>ELife</i> , 2020, 9, .	6.0	23
14	Receptor-driven, multimodal mapping of cortical areas in the macaque monkey intraparietal sulcus. <i>ELife</i> , 2020, 9, .	6.0	19
15	The Architecture of Somatosensory Cortex. , 2020, , 225-260.		2
16	Human Pregenual Anterior Cingulate Cortex: Structural, Functional, and Connectional Heterogeneity. <i>Cerebral Cortex</i> , 2019, 29, 2552-2574.	2.9	64
17	Receptor density pattern confirms and enhances the anatomic-functional features of the macaque superior parietal lobule areas. <i>Brain Structure and Function</i> , 2019, 224, 2733-2756.	2.3	28
18	Brain dynamics and connectivity networks under natural auditory stimulation. <i>NeuroImage</i> , 2019, 202, 116042.	4.2	4

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19	Primate hippocampus size and organization are predicted by sociality but not diet. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191712.	2.6	13
20	Listening to real-world sounds: fMRI data for analyzing connectivity networks. <i>Data in Brief</i> , 2019, 26, 104411.	1.0	1
21	Evolution of the mind and the brain. <i>Cortex</i> , 2019, 118, 1-3.	2.4	3
22	The Human Brain Project: Responsible Brain Research for the Benefit of Society. <i>Neuron</i> , 2019, 101, 380-384.	8.1	50
23	Combining lifestyle risks to disentangle brain structure and functional connectivity differences in older adults. <i>Nature Communications</i> , 2019, 10, 621.	12.8	42
24	Developmental Changes of Glutamate and GABA Receptor Densities in Wistar Rats. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 100.	1.7	37
25	Cytoarchitectonic segregation of human posterior intraparietal and adjacent parieto-occipital sulcus and its relation to visuomotor and cognitive functions. <i>Cerebral Cortex</i> , 2019, 29, 1305-1327.	2.9	32
26	Differences in cytoarchitecture of Broca's region between human, ape and macaque brains. <i>Cortex</i> , 2019, 118, 132-153.	2.4	26
27	Cortical layers: Cyto-, myelo-, receptor- and synaptic architecture in human cortical areas. <i>NeuroImage</i> , 2019, 197, 716-741.	4.2	142
28	Receptor-driven, multimodal mapping of the human amygdala. <i>Brain Structure and Function</i> , 2018, 223, 1637-1666.	2.3	19
29	Mapping Cortical Laminar Structure in the 3D BigBrain. <i>Cerebral Cortex</i> , 2018, 28, 2551-2562.	2.9	69
30	ATPase N-ethylmaleimide-sensitive Fusion Protein: A Novel Key Player for Causing Spontaneous Network Excitation in Human Temporal Lobe Epilepsy. <i>Neuroscience</i> , 2018, 371, 371-383.	2.3	4
31	Cytoarchitectonic and receptorarchitectonic organization in Broca's region and surrounding cortex. <i>Current Opinion in Behavioral Sciences</i> , 2018, 21, 93-105.	3.9	41
32	Defining the most probable location of the parahippocampal place area using cortex-based alignment and cross-validation. <i>NeuroImage</i> , 2018, 170, 373-384.	4.2	71
33	A cross-validated cytoarchitectonic atlas of the human ventral visual stream. <i>NeuroImage</i> , 2018, 170, 257-270.	4.2	63
34	Neuroanatomical Characteristics Associated With Response to Deep Brain Stimulation of the Nucleus Basalis of Meynert for Alzheimer's Disease. <i>Neuromodulation</i> , 2018, 21, 184-190.	0.8	43
35	Intrastriatal administration of botulinum neurotoxin A normalizes striatal D ₂ R binding and reduces striatal D ₁ R binding in male hemiparkinsonian rats. <i>Journal of Neuroscience Research</i> , 2018, 96, 75-86.	2.9	15
36	Transmitter receptors reveal segregation of the arcopallium/amygdala complex in pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2018, 526, 439-466.	1.6	28

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37	Brodman: a pioneer of human brain mapping – his impact on concepts of cortical organization. <i>Brain</i> , 2018, 141, 3262-3278.	7.6	45
38	Acetylcholine Neurotransmitter Receptor Densities in the Striatum of Hemiparkinsonian Rats Following Botulinum Neurotoxin-A Injection. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 65.	1.7	5
39	Unilateral Botulinum Neurotoxin-A Injection into the Striatum of C57BL/6 Mice Leads to a Different Motor Behavior Compared with Rats. <i>Toxins</i> , 2018, 10, 295.	3.4	9
40	Cortical Gradients and Laminar Projections in Mammals. <i>Trends in Neurosciences</i> , 2018, 41, 775-788.	8.6	114
41	Microarchitecture and connectivity of the parietal lobe. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 53-72.	1.8	34
42	Cyto- and receptor architectonic mapping of the human brain. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 150, 355-387.	1.8	43
43	Two New Cytoarchitectonic Areas on the Human Mid-Fusiform Gyrus. <i>Cerebral Cortex</i> , 2017, 27, bhv225.	2.9	91
44	Direct Visualization and Mapping of the Spatial Course of Fiber Tracts at Microscopic Resolution in the Human Hippocampus. <i>Cerebral Cortex</i> , 2017, 27, bhw010.	2.9	80
45	Age- and function-related regional changes in cortical folding of the default mode network in older adults. <i>Brain Structure and Function</i> , 2017, 222, 83-99.	2.3	50
46	Microstructural proliferation in human cortex is coupled with the development of face processing. <i>Science</i> , 2017, 355, 68-71.	12.6	150
47	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. <i>Cortex</i> , 2017, 89, 28-44.	2.4	53
48	Synaptic patterning and the timescales of cortical dynamics. <i>Current Opinion in Neurobiology</i> , 2017, 43, 156-165.	4.2	37
49	Data on a cytoarchitectonic brain atlas: effects of brain template and a comparison to a multimodal atlas. <i>Data in Brief</i> , 2017, 12, 327-332.	1.0	5
50	Multireceptor fingerprints in progressive supranuclear palsy. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 28.	6.2	3
51	Directional spread of activity in synaptic networks of the human lateral amygdala. <i>Neuroscience</i> , 2017, 349, 330-340.	2.3	7
52	The Cytoarchitecture of Domain-specific Regions in Human High-level Visual Cortex. <i>Cerebral Cortex</i> , 2017, 27, 146-161.	2.9	94
53	Multiple Transmitter Receptors in Regions and Layers of the Human Cerebral Cortex. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 78.	1.7	114
54	High-Resolution Fiber and Fiber Tract Imaging Using Polarized Light Microscopy in the Human, Monkey, Rat, and Mouse Brain. , 2016, , 369-389.		17

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55	Estimating Fiber Orientation Distribution Functions in 3D-Polarized Light Imaging. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 40.	1.7	63
56	3D Reconstructed Cyto-, Muscarinic M2 Receptor, and Fiber Architecture of the Rat Brain Registered to the Waxholm Space Atlas. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 51.	1.7	25
57	Cytoarchitecture of the human lateral occipital cortex: mapping of two extrastriate areas hOc4la and hOc4lp. <i>Brain Structure and Function</i> , 2016, 221, 1877-1897.	2.3	50
58	Cytoarchitecture and probability maps of the human medial orbitofrontal cortex. <i>Cortex</i> , 2016, 75, 87-112.	2.4	66
59	The anatomical and functional specialization of the fusiform gyrus. <i>Neuropsychologia</i> , 2016, 83, 48-62.	1.6	268
60	Changes in the expression of neurotransmitter receptors in Parkin and DJ-1 knockout mice – A quantitative multireceptor study. <i>Neuroscience</i> , 2015, 311, 539-551.	2.3	25
61	A multiscale approach for the reconstruction of the fiber architecture of the human brain based on 3D-PLI. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 118.	1.7	30
62	Isocortex. , 2015, , 601-625.		16
63	Architectonic Mapping of the Human Brain beyond Brodmann. <i>Neuron</i> , 2015, 88, 1086-1107.	8.1	360
64	Deep Brain Stimulation of the Nucleus Basalis of Meynert in Early Stage of Alzheimer's Dementia. <i>Brain Stimulation</i> , 2015, 8, 838-839.	1.6	60
65	Subspecialization in the human posterior medial cortex. <i>NeuroImage</i> , 2015, 106, 55-71.	4.2	171
66	Neural Correlates of Explicit Social Judgments on Vocal Stimuli. <i>Cerebral Cortex</i> , 2015, 25, 1152-1162.	2.9	22
67	Functional organization of human subgenual cortical areas: Relationship between architectonical segregation and connectional heterogeneity. <i>NeuroImage</i> , 2015, 115, 177-190.	4.2	98
68	Distribution of serotonin 5-HT 1A -binding sites in the brainstem and the hypothalamus, and their roles in 5-HT-induced sleep and ingestive behaviors in rock pigeons (<i>Columba livia</i>). <i>Behavioural Brain Research</i> , 2015, 295, 45-63.	2.2	15
69	Target sites for transcallosal fibers in human visual cortex – A combined diffusion and polarized light imaging study. <i>Cortex</i> , 2015, 72, 40-53.	2.4	37
70	Understanding fiber mixture by simulation in 3D Polarized Light Imaging. <i>NeuroImage</i> , 2015, 111, 464-475.	4.2	45
71	Anatomical Basis for Functional Specialization. <i>Biological Magnetic Resonance</i> , 2015, , 27-66.	0.4	15
72	Neurotransmitter receptor density changes in Pitx3ak mice – A model relevant to Parkinson's disease. <i>Neuroscience</i> , 2015, 285, 11-23.	2.3	15

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73	Common molecular basis of the sentence comprehension network revealed by neurotransmitter receptor fingerprints. <i>Cortex</i> , 2015, 63, 79-89.	2.4	64
74	Receptor architecture of visual areas in the face and word-form recognition region of the posterior fusiform gyrus. <i>Brain Structure and Function</i> , 2015, 220, 205-219.	2.3	43
75	Reconstructing a Series of Auto-Radiographic Images in Rat Brains. <i>Informatik Aktuell</i> , 2015, , 167-172.	0.6	0
76	Studying variability in human brain aging in a population-based German cohort – rationale and design of 1000BRAINS. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 149.	3.4	97
77	The Human Brain Project: Neurowissenschaftliche Perspektiven und Beiträge aus Deutschland. <i>E-Neuroforum</i> , 2014, 20, 222-229.	0.1	0
78	Variable temporoinsular cortex neuroanatomy in primates suggests a bottleneck effect in eastern gorillas. <i>Journal of Comparative Neurology</i> , 2014, 522, 844-860.	1.6	7
79	Functional characterization and differential coactivation patterns of two cytoarchitectonic visual areas on the human posterior fusiform gyrus. <i>Human Brain Mapping</i> , 2014, 35, 2754-2767.	3.6	74
80	Effects of prior information on decoding degraded speech: An fMRI study. <i>Human Brain Mapping</i> , 2014, 35, 61-74.	3.6	48
81	Translating working memory into action: Behavioral and neural evidence for using motor representations in encoding visuo-spatial sequences. <i>Human Brain Mapping</i> , 2014, 35, 3465-3484.	3.6	26
82	Distribution of neurotransmitter receptors and zinc in the pigeon (<i>Columba livia</i>) hippocampal formation: A basis for further comparison with the mammalian hippocampus. <i>Journal of Comparative Neurology</i> , 2014, 522, 2553-2575.	1.6	57
83	Interoperable atlases of the human brain. <i>NeuroImage</i> , 2014, 99, 525-532.	4.2	78
84	A novel meta-analytic approach: Mining frequent co-activation patterns in neuroimaging databases. <i>NeuroImage</i> , 2014, 90, 390-402.	4.2	8
85	The mid-fusiform sulcus: A landmark identifying both cytoarchitectonic and functional divisions of human ventral temporal cortex. <i>NeuroImage</i> , 2014, 84, 453-465.	4.2	212
86	Neuropsychological and Brain Volume Differences in Patients with Left- and Right-Beginning Corticobasal Syndrome. <i>PLoS ONE</i> , 2014, 9, e110326.	2.5	10
87	An investigation of the structural, connectional, and functional subspecialization in the human amygdala. <i>Human Brain Mapping</i> , 2013, 34, 3247-3266.	3.6	333
88	Cytoarchitectonical analysis and probabilistic mapping of two extrastriate areas of the human posterior fusiform gyrus. <i>Brain Structure and Function</i> , 2013, 218, 511-526.	2.3	136
89	Neurotransmitter receptor alterations in hepatic encephalopathy: A review. <i>Archives of Biochemistry and Biophysics</i> , 2013, 536, 109-121.	3.0	46
90	Cingulate area 32 homologies in mouse, rat, macaque and human: Cytoarchitecture and receptor architecture. <i>Journal of Comparative Neurology</i> , 2013, 521, 4189-4204.	1.6	86

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91	Cytoarchitectonic mapping of the human dorsal extrastriate cortex. <i>Brain Structure and Function</i> , 2013, 218, 157-172.	2.3	76
92	Individual variability is not noise. <i>Trends in Cognitive Sciences</i> , 2013, 17, 153-155.	7.8	76
93	Task- and resting-state functional connectivity of brain regions related to affection and susceptible to concurrent cognitive demand. <i>NeuroImage</i> , 2013, 72, 69-82.	4.2	19
94	Microstructural grey matter parcellation and its relevance for connectome analyses. <i>NeuroImage</i> , 2013, 80, 18-26.	4.2	40
95	Development of cortical folding during evolution and ontogeny. <i>Trends in Neurosciences</i> , 2013, 36, 275-284.	8.6	437
96	Detection of Remote Neuronal Reactions in the Thalamus and Hippocampus Induced by Rat Glioma Using the PET Tracer ^{18}F -Fluoro-D-Proline. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 724-731.	4.3	8
97	Characterization of the temporo-parietal junction by combining data-driven parcellation, complementary connectivity analyses, and functional decoding. <i>NeuroImage</i> , 2013, 81, 381-392.	4.2	250
98	BigBrain: An Ultrahigh-Resolution 3D Human Brain Model. <i>Science</i> , 2013, 340, 1472-1475.	12.6	673
99	A volumetric comparison of the insular cortex and its subregions in primates. <i>Journal of Human Evolution</i> , 2013, 64, 263-279.	2.6	143
100	Cyto- and receptor architecture of area 32 in human and macaque brains. <i>Journal of Comparative Neurology</i> , 2013, 521, 3272-3286.	1.6	38
101	Organization of the Human Inferior Parietal Lobule Based on Receptor Architectonics. <i>Cerebral Cortex</i> , 2013, 23, 615-628.	2.9	192
102	Lamination of the Lateral Geniculate Nucleus of Catarrhine Primates. <i>Brain, Behavior and Evolution</i> , 2013, 81, 93-108.	1.7	14
103	Is There "One" DLPFC in Cognitive Action Control? Evidence for Heterogeneity From Co-Activation-Based Parcellation. <i>Cerebral Cortex</i> , 2013, 23, 2677-2689.	2.9	350
104	The "What" and "When" of Self-Initiated Movements. <i>Cerebral Cortex</i> , 2013, 23, 520-530.	2.9	129
105	Extracting the inclination angle of nerve fibers within the human brain with 3D-PLI independent of system properties. , 2013, , .		3
106	Brain morphometry shows effects of long-term musical practice in middle-aged keyboard players. <i>Frontiers in Psychology</i> , 2013, 4, 636.	2.1	43
107	Adult age-dependent differences in resting-state connectivity within and between visual-attention and sensorimotor networks. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 67.	3.4	41
108	Auditory System. , 2012, , 1270-1300.		13

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109	Sexual Dimorphism and Laterality in the Evolution of the Primate Prefrontal Cortex. <i>Brain, Behavior and Evolution</i> , 2012, 79, 205-212.	1.7	23
110	The Modular Neuroarchitecture of Social Judgments on Faces. <i>Cerebral Cortex</i> , 2012, 22, 951-961.	2.9	79
111	PaMiNI: A comprehensive system for mining frequent neuronal patterns of the human brain. , 2012, , .		1
112	Multireceptor analysis in human neocortex reveals complex alterations of receptor ligand binding in focal epilepsies. <i>Epilepsia</i> , 2012, 53, 1987-1997.	5.1	29
113	Modulating the processing of emotional stimuli by cognitive demand. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 263-273.	3.0	59
114	Fear Processing and Social Networking in the Absence of a Functional Amygdala. <i>Biological Psychiatry</i> , 2012, 72, 70-77.	1.3	123
115	Architecture and organizational principles of Broca's region. <i>Trends in Cognitive Sciences</i> , 2012, 16, 418-426.	7.8	155
116	Automatic identification of gray and white matter components in polarized light imaging. <i>NeuroImage</i> , 2012, 59, 1338-1347.	4.2	18
117	Across-study and within-subject functional connectivity of a right temporo-parietal junction subregion involved in stimulusâ€œcontext integration. <i>NeuroImage</i> , 2012, 60, 2389-2398.	4.2	98
118	Architecture of the Cerebral Cortex. , 2012, , 836-895.		37
119	Longitudinal Deformation-Based Morphometry Reveals Spatio-Temporal Dynamics of Brain Volume Changes in Patients with Corticobasal Syndrome. <i>PLoS ONE</i> , 2012, 7, e41873.	2.5	20
120	Dissociated Neural Processing for Decisions in Managers and Non-Managers. <i>PLoS ONE</i> , 2012, 7, e43537.	2.5	9
121	Posterior Parietal Cortex. , 2012, , 1036-1055.		20
122	Segregation and Wiring in the Brain. <i>Science</i> , 2012, 335, 1582-1584.	12.6	38
123	Coordinate-Based Pattern-Mining on Functional Neuroimaging Databases. <i>Communications in Computer and Information Science</i> , 2012, , 240-249.	0.5	2
124	Primate Prefrontal Cortex Evolution: Human Brains Are the Extreme of a Lateralized Ape Trend. <i>Brain, Behavior and Evolution</i> , 2011, 77, 67-78.	1.7	110
125	Co-activation patterns distinguish cortical modules, their connectivity and functional differentiation. <i>NeuroImage</i> , 2011, 57, 938-949.	4.2	449
126	Dynamic interactions in the fronto-parietal network during a manual stimulusâ€œresponse compatibility task. <i>NeuroImage</i> , 2011, 58, 860-869.	4.2	37

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127	Probabilistic fibre tract analysis of cytoarchitectonically defined human inferior parietal lobule areas reveals similarities to macaques. <i>NeuroImage</i> , 2011, 58, 362-380.	4.2	216
128	BA3b and BA1 activate in a serial fashion after median nerve stimulation: Direct evidence from combining source analysis of evoked fields and cytoarchitectonic probabilistic maps. <i>NeuroImage</i> , 2011, 54, 60-73.	4.2	52
129	A novel approach to the human connectome: Ultra-high resolution mapping of fiber tracts in the brain. <i>NeuroImage</i> , 2011, 54, 1091-1101.	4.2	236
130	Incongruence effects in crossmodal emotional integration. <i>NeuroImage</i> , 2011, 54, 2257-2266.	4.2	90
131	Superficially Located White Matter Structures Commonly Seen in the Human and the Macaque Brain with Diffusion Tensor Imaging. <i>Brain Connectivity</i> , 2011, 1, 37-47.	1.7	37
132	High-Resolution Fiber Tract Reconstruction in the Human Brain by Means of Three-Dimensional Polarized Light Imaging. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 34.	2.5	147
133	Moral Concepts Set Decision Strategies to Abstract Values. <i>PLoS ONE</i> , 2011, 6, e18451.	2.5	18
134	Modeling the evolution of cortico-cerebellar systems in primates. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, 176-190.	3.8	42
135	The receptor architecture of the pigeons' nidopallium caudolaterale: an avian analogue to the mammalian prefrontal cortex. <i>Brain Structure and Function</i> , 2011, 216, 239-254.	2.3	68
136	Laminar distribution of neurotransmitter receptors in different reeler mouse brain regions. <i>Brain Structure and Function</i> , 2011, 216, 201-218.	2.3	13
137	Three brain collections for comparative neuroanatomy and neuroimaging. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, E94-104.	3.8	17
138	Interictal-like network activity and receptor expression in the epileptic human lateral amygdala. <i>Brain</i> , 2011, 134, 2929-2947.	7.6	56
139	Neural Correlates of Developing and Adapting Behavioral Biases in Speeded Choice Reactions--An fMRI Study on Predictive Motor Coding. <i>Cerebral Cortex</i> , 2011, 21, 1178-1191.	2.9	29
140	A link between the systems: functional differentiation and integration within the human insula revealed by meta-analysis. <i>Brain Structure and Function</i> , 2010, 214, 519-534.	2.3	1,084
141	Anatomical Global Spatial Normalization. <i>Neuroinformatics</i> , 2010, 8, 171-182.	2.8	69
142	Learning Task-Optimal Registration Cost Functions for Localizing Cytoarchitecture and Function in the Cerebral Cortex. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1424-1441.	8.9	57
143	Hominoid visual brain structure volumes and the position of the lunate sulcus. <i>Journal of Human Evolution</i> , 2010, 58, 281-292.	2.6	66
144	The bile acid receptor TGR5 (Gpr110) acts as a neurosteroid receptor in brain. <i>Glia</i> , 2010, 58, 1794-1805.	4.9	209

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145	Oxidative stress markers in the brain of patients with cirrhosis and hepatic encephalopathy. <i>Hepatology</i> , 2010, 52, 256-265.	7.3	134
146	In vivo imaging of the human brain at 1.5 T with 0.6-mm isotropic resolution. <i>Magnetic Resonance Imaging</i> , 2010, 28, 329-340.	1.8	9
147	Inhibition of glutamate/glutamine cycle in vivo results in decreased benzodiazepine binding and differentially regulated GABAergic subunit expression in the rat brain. <i>Epilepsia</i> , 2010, 51, 1446-1455.	5.1	16
148	Centenary of Brodmann's map "conception and fate. <i>Nature Reviews Neuroscience</i> , 2010, 11, 139-145.	10.2	512
149	Towards ultra-high resolution fibre tract mapping of the human brain - registration of polarised light images and reorientation of fibre vectors. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 9.	2.0	36
150	Frontal White Matter Volume Is Associated with Brain Enlargement and Higher Structural Connectivity in Anthropoid Primates. <i>PLoS ONE</i> , 2010, 5, e9123.	2.5	75
151	Comparative Cytoarchitectural Analyses of Striate and Extrastriate Areas in Hominoids. <i>Cerebral Cortex</i> , 2010, 20, 966-981.	2.9	59
152	Training of affect recognition in schizophrenia: Neurobiological correlates. <i>Social Neuroscience</i> , 2010, 5, 92-104.	1.3	65
153	Broca's Region: Novel Organizational Principles and Multiple Receptor Mapping. <i>PLoS Biology</i> , 2010, 8, e1000489.	5.6	304
154	Dissociating Bottom-Up and Top-Down Processes in a Manual Stimulus-Response Compatibility Task. <i>Journal of Neurophysiology</i> , 2010, 104, 1472-1483.	1.8	54
155	Evaluating a visualization of uncertainty in probabilistic tractography. , 2010, , .		6
156	Anatomical and Functional Connectivity of Cytoarchitectonic Areas within the Human Parietal Operculum. <i>Journal of Neuroscience</i> , 2010, 30, 6409-6421.	3.6	324
157	Cytoarchitecture and Probabilistic Maps of the Human Posterior Insular Cortex. <i>Cerebral Cortex</i> , 2010, 20, 1448-1461.	2.9	214
158	On the genetic architecture of cortical folding and brain volume in primates. <i>NeuroImage</i> , 2010, 53, 1103-1108.	4.2	126
159	Signal enhancement in polarized light imaging by means of independent component analysis. <i>NeuroImage</i> , 2010, 49, 1241-1248.	4.2	34
160	Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. <i>NeuroImage</i> , 2010, 53, 1135-1146.	4.2	993
161	ALE meta-analysis of action observation and imitation in the human brain. <i>NeuroImage</i> , 2010, 50, 1148-1167.	4.2	1,168
162	Reduced 5-HT _{2A} receptor signaling following selective bilateral amygdala damage. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 79-84.	3.0	24

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