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Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys

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#	Paper	IF	Citations
179	Complex relationships between structural and functional brain connectivity. <i>Trends in Cognitive Sciences</i> , 2013 , 17, 600-2	14	46
178	Long-range connectomics. 2013 , 1305, 83-93		24
177	The fine-scale functional correlation of striate cortex in sighted and blind people. <i>Journal of Neuroscience</i> , 2013 , 33, 16209-19	6.6	51
176	A diffusion-tensor-based white matter atlas for rhesus macaques. <i>PLoS ONE</i> , 2014 , 9, e107398	3.7	25
175	The spatial structure of resting state connectivity stability on the scale of minutes. <i>Frontiers in Neuroscience</i> , 2014 , 8, 138	5.1	86
174	Primate comparative neuroscience using magnetic resonance imaging: promises and challenges. <i>Frontiers in Neuroscience</i> , 2014 , 8, 298	5.1	38
173	Memory loss in a nonnavigational spatial task after hippocampal inactivation in monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4315-20	11.5	23
172	Dietary omega-3 fatty acids modulate large-scale systems organization in the rhesus macaque brain. <i>Journal of Neuroscience</i> , 2014 , 34, 2065-74	6.6	54
171	Contributions and challenges for network models in cognitive neuroscience. 2014 , 17, 652-60		507
170	Network dysfunction after traumatic brain injury. 2014 , 10, 156-66		389
169	Strengthening connections: functional connectivity and brain plasticity. 2014 , 24, 63-76		71
168	Reworking the language network. <i>Trends in Cognitive Sciences</i> , 2014 , 18, 120-6	14	325
167	Structural and functional brain rewiring clarifies preserved interhemispheric transfer in humans born without the corpus callosum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7843-8	11.5	75
166	Comparison of human ventral frontal cortex areas for cognitive control and language with areas in monkey frontal cortex. 2014 , 81, 700-13		275
165	Mapping human brain networks with cortico-cortical evoked potentials. 2014 , 369,		104
164	Changes in structural and functional connectivity among resting-state networks across the human lifespan. <i>NeuroImage</i> , 2014 , 102 Pt 2, 345-57	7.9	449
163	Understanding brain networks and brain organization. 2014 , 11, 400-35		197

162	Brain networks for exploration decisions utilizing distinct modeled information types during contextual learning. 2014 , 82, 1171-82		17
161	Why network neuroscience? Compelling evidence and current frontiers. Comment on "Understanding brain networks and brain organization" by Luiz Pessoa. 2014 , 11, 455-7		7
160	Linking DMN connectivity to episodic memory capacity: what can we learn from patients with medial temporal lobe damage?. <i>NeuroImage: Clinical</i> , 2014 , 5, 188-96	5.3	48
159	Functional scale-free networks in the two-dimensional Abelian sandpile model. 2015 , 92, 012822		2
158	Intrinsic Brain Activity and Resting State Networks. 2015 , 1-52		0
157	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. <i>ELife</i> , 2015 , 4,	8.9	28
156	Understanding structural-functional relationships in the human brain: a large-scale network perspective. 2015 , 21, 290-305		113
155	Disrupted resting-state functional connectivity in progressive supranuclear palsy. 2015 , 36, 915-21		22
154	Connectivity reveals relationship of brain areas for reward-guided learning and decision making in human and monkey frontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2695-704	11.5	229
153	Blockade of glutamatergic transmission in perirhinal cortex impairs object recognition memory in macaques. <i>Journal of Neuroscience</i> , 2015 , 35, 5043-50	6.6	18
152	Stable long-range interhemispheric coordination is supported by direct anatomical projections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6473-8	11.5	82
151	Cerebral cartography and connectomics. 2015 , 370,		47
150	Measuring macroscopic brain connections in vivo. 2015 , 18, 1546-55		225
149	Partial covariance based functional connectivity computation using Ledoit-Wolf covariance regularization. <i>NeuroImage</i> , 2015 , 121, 29-38	7.9	29
148	Anterior commissural white matter fiber abnormalities in first-episode psychosis: a tractography study. 2015 , 162, 29-34		14
147	Resting-State Network Complexity and Magnitude Are Reduced in Prematurely Born Infants. <i>Cerebral Cortex</i> , 2016 , 26, 322-333	5.1	104
146	Functional Connectivity Hubs and Networks in the Awake Marmoset Brain. 2016 , 10, 9		18
145	Disruptions of network connectivity predict impairment in multiple behavioral domains after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4367-76	11.5	290

144	Developmental Neuroimaging in Pediatric Obsessive-Compulsive Disorder. 2016 , 3, 193-203		3
143	Functional connectivity and network analysis of midbrain and brainstem nuclei. <i>NeuroImage</i> , 2016 , 134, 53-63	7.9	88
142	The Anterior Cingulate Gyrus and Social Cognition: Tracking the Motivation of Others. 2016 , 90, 692-707		235
141	Disrupted Intrinsic Connectivity among Default, Dorsal Attention, and Frontoparietal Control Networks in Individuals with Chronic Traumatic Brain Injury. 2016 , 22, 263-79		51
140	Pathoconnectomics of cognitive impairment in small vessel disease: A systematic review. 2016 , 12, 831-45		37
139	Resting state functional connectivity of the hippocampus along the anterior-posterior axis and its association with glutamatergic metabolism. 2016 , 81, 104-17		27
138	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017 , 27, 4719-4732	5.1	274
137	Interhemispheric connectivity in amyotrophic lateral sclerosis: A near-infrared spectroscopy and diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2016 , 12, 666-672	5.3	7
136	Value, search, persistence and model updating in anterior cingulate cortex. 2016 , 19, 1280-5		237
135	Clinical Concepts Emerging from fMRI Functional Connectomics. 2016 , 91, 511-28		56
134	Illusory conjunctions in visual short-term memory: Individual differences in corpus callosum connectivity and splitting attention between the two hemifields. 2016 , 53, 1639-1650		5
133	A Putative Multiple-Demand System in the Macaque Brain. <i>Journal of Neuroscience</i> , 2016 , 36, 8574-85	6.6	30
132	Functional split brain in a driving/listening paradigm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14444-14449	11.5	22
131	Brain connectivity and auditory hallucinations: In search of novel noninvasive brain stimulation therapeutic approaches for schizophrenia. 2016 , 172, 653-679		7
130	Inter-hemispheric functional dysconnectivity mediates the association of corpus callosum degeneration with memory impairment in AD and amnesic MCI. <i>Scientific Reports</i> , 2016 , 6, 32573	4.9	26
129	Intrinsic connectivity of neural networks in the awake rabbit. <i>NeuroImage</i> , 2016 , 129, 260-267	7.9	23
128	Split-Brain, Split-Mind. 2016 , 271-279		1
127	Directional patterns of cross frequency phase and amplitude coupling within the resting state mimic patterns of fMRI functional connectivity. <i>NeuroImage</i> , 2016 , 128, 238-251	7.9	25

126	Linking Functional Connectivity and Structural Connectivity Quantitatively: A Comparison of Methods. 2016 , 6, 99-108		35
125	Functional Connectivity Patterns of Visual Cortex Reflect its Anatomical Organization. <i>Cerebral Cortex</i> , 2016 , 26, 3719-3731	5.1	23
124	Distinct hippocampal functional networks revealed by tractography-based parcellation. <i>Brain Structure and Function</i> , 2016 , 221, 2999-3012	4	56
123	Is Traumatic Brain Injury Associated with Reduced Inter-Hemispheric Functional Connectivity? A Study of Large-Scale Resting State Networks following Traumatic Brain Injury. 2016 , 33, 977-89		34
122	Aberrant interhemispheric functional and structural connectivity in heroin-dependent individuals. 2017 , 22, 1057-1067		23
121	Optimal trajectories of brain state transitions. <i>NeuroImage</i> , 2017 , 148, 305-317	7.9	87
120	Connectivity of the Cingulate Sulcus Visual Area (CSv) in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2018 , 28, 713-725	5.1	20
119	Multimodal imaging of language reorganization in patients with left temporal lobe epilepsy. 2017 , 170, 82-92		14
118	Aberrant functional connectivity in depression as an index of state and trait rumination. <i>Scientific Reports</i> , 2017 , 7, 2174	4.9	40
117	Correlation between standardized assessment of concussion scores and small-world brain network in mild traumatic brain injury. 2017 , 44, 114-121		6
116	A Network Model of the Emotional Brain. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 357-371	14	180
115	White matter lesions relate to tract-specific reductions in functional connectivity. 2017 , 51, 97-103		24
114	On the role of the corpus callosum in interhemispheric functional connectivity in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13278-13283	11.5	105
113	Transcallosal connectivity of the human cortical motor network. <i>Brain Structure and Function</i> , 2017 , 222, 1243-1252	4	38
112	Galvanic Vestibular Stimulation (GVS) effects on impaired interhemispheric connectivity in Parkinson's Disease. 2017 , 2017, 2109-2113		5
111	Differential Effects of Brain Disorders on Structural and Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2016 , 10, 605	5.1	9
110	Effective Connectivity Measured Using Optogenetically Evoked Hemodynamic Signals Exhibits Topography Distinct from Resting State Functional Connectivity in the Mouse. <i>Cerebral Cortex</i> , 2018 , 28, 370-386	5.1	19
109	Hemispheric asymmetry and homotopy of resting state functional connectivity correlate with visuospatial abilities in school-age children. <i>NeuroImage</i> , 2018 , 174, 441-448	7.9	18

108	Neural Mechanisms of Social Cognition in Primates. 2018 , 41, 99-118		58
107	Is the extrastriate body area part of the dorsal visuomotor stream?. <i>Brain Structure and Function</i> , 2018 , 223, 31-46	4	32
106	Structural Variability Across the Primate Brain: A Cross-Species Comparison. <i>Cerebral Cortex</i> , 2018 , 28, 3829-3841	5.1	52
105	Functional reorganisation and recovery following cortical lesions: A preliminary study in macaque monkeys. 2018 , 119, 382-391		8
104	Preservation of electrophysiological functional connectivity after partial corpus callosotomy: case report. 2018 , 22, 214-219		3
103	Disconnection due to white matter hyperintensities is associated with lower cognitive scores. <i>NeuroImage</i> , 2018 , 183, 745-756	7.9	18
102	Brain functional connectivity in individuals with callosotomy and agenesis of the corpus callosum: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 105, 231-248	9	18
101	Thalamic low frequency activity facilitates resting-state cortical interhemispheric MRI functional connectivity. <i>NeuroImage</i> , 2019 , 201, 115985	7.9	5
100	Brainstem Modulation of Large-Scale Intrinsic Cortical Activity Correlations. 2019 , 13, 340		21
99	Intelligent architectures for robotics: The merging of cognition and emotion. 2019 , 31, 157-170		9
98	Structural Disconnections Explain Brain Network Dysfunction after Stroke. 2019 , 28, 2527-2540.e9		53
97	The Functional Network Processing Acute Electrical Itch Stimuli in Humans. 2019 , 10, 555		7
96	Neural field theory of effects of brain modifications and lesions on functional connectivity: Acute effects, short-term homeostasis, and long-term plasticity. 2019 , 99, 042407		
95	Diffusion weighted imaging evidence of extra-callosal pathways for interhemispheric communication after complete commissurotomy. <i>Brain Structure and Function</i> , 2019 , 224, 1897-1909	4	5
94	Early recovery of interhemispheric functional connectivity after corpus callosotomy. 2019 , 60, 1126-1136		9
93	Abnormal axon guidance signals and reduced interhemispheric connection via anterior commissure in neonates of marmoset ASD model. <i>NeuroImage</i> , 2019 , 195, 243-251	7.9	12
92	The spatial correspondence and genetic influence of interhemispheric connectivity with white matter microstructure. 2019 , 22, 809-819		31
91	Disrupted interhemispheric resting-state functional connectivity and structural connectivity in first-episode, treatment-naïve generalized anxiety disorder. 2019 , 251, 280-286		6

90	Interhemispheric functional connectivity in the zebra finch brain, absent the corpus callosum in normal ontogeny. <i>NeuroImage</i> , 2019 , 195, 113-127	7.9	5
89	Manipulation of Subcortical and Deep Cortical Activity in the Primate Brain Using Transcranial Focused Ultrasound Stimulation. 2019 , 101, 1109-1116.e5		115
88	Severe asymptomatic carotid stenosis is associated with robust reductions in homotopic functional connectivity. <i>NeuroImage: Clinical</i> , 2019 , 24, 102101	5.3	8
87	White Matter Hyperintensities Relate to Basal Ganglia Functional Connectivity and Memory Performance in aMCI and SVMCI. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1204	5.1	6
86	Resting-state white matter-cortical connectivity in non-human primate brain. <i>NeuroImage</i> , 2019 , 184, 45-55	7.9	15
85	A systematic review on the quantitative relationship between structural and functional network connectivity strength in mammalian brains. 2019 , 39, 189-209		44
84	Large-scale comparative neuroimaging: Where are we and what do we need?. 2019 , 118, 188-202		21
83	The structural basis for interhemispheric functional connectivity: Evidence from individuals with agenesis of the corpus callosum. <i>NeuroImage: Clinical</i> , 2020 , 28, 102425	5.3	5
82	Increased functional homotopy of the prefrontal cortex is associated with corpus callosum degeneration and working memory decline. 2020 , 96, 68-78		3
81	Damage to the structural connectome reflected in resting-state fMRI functional connectivity. 2020 , 4, 1197-1218		6
80	Mapping the principal gradient onto the corpus callosum. <i>NeuroImage</i> , 2020 , 223, 117317	7.9	7
79	Corticocortical and Thalamocortical Changes in Functional Connectivity and White Matter Structural Integrity after Reward-Guided Learning of Visuospatial Discriminations in Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2020 , 40, 7887-7901	6.6	3
78	Understanding the Relationship Between Human Brain Structure and Function by Predicting the Structural Connectivity From Functional Connectivity. <i>IEEE Access</i> , 2020 , 1-1	3.5	3
77	Delayed correlations improve the reconstruction of the brain connectome. <i>PLoS ONE</i> , 2020 , 15, e0228334	3.7	2
76	Linking Structure and Function in Macroscale Brain Networks. <i>Trends in Cognitive Sciences</i> , 2020 , 24, 302-315	3.1	147
75	Aberrant inter-hemispheric coordination characterizes the progression of minimal hepatic encephalopathy in patients with HBV-related cirrhosis. <i>NeuroImage: Clinical</i> , 2020 , 25, 102175	5.3	8
74	Distinct structure-function relationships across cortical regions and connectivity scales in the rat brain. <i>Scientific Reports</i> , 2020 , 10, 56	4.9	4
73	Probing rapid network reorganization of motor and language functions via neuromodulation and neuroimaging. <i>NeuroImage</i> , 2021 , 224, 117449	7.9	10

72	Structural Neuroplastic Responses Preserve Functional Connectivity and Neurobehavioural Outcomes in Children Born Without Corpus Callosum. <i>Cerebral Cortex</i> , 2021 , 31, 1227-1239	5.1	6
71	Interrelations between dopamine and serotonin producing sites and regions of the default mode network. <i>Human Brain Mapping</i> , 2021 , 42, 811-823	5.9	2
70	Intra- and inter-hemispheric structural connectome in agenesis of the corpus callosum. <i>NeuroImage: Clinical</i> , 2021 , 31, 102709	5.3	1
69	Variations in Commissural Input Processing Across Different Types of Cortical Projection Neurons. <i>Cerebral Cortex</i> , 2021 ,	5.1	
68	Lesion Quantification Toolkit: A MATLAB software tool for estimating grey matter damage and white matter disconnections in patients with focal brain lesions. <i>NeuroImage: Clinical</i> , 2021 , 30, 102639	5.3	14
67	Laminar-specific interhemispheric connectivity mapping with bilateral line-scanning fMRI.		0
66	Structural alterations in cortical and thalamocortical white matter tracts after recovery from prefrontal cortex lesions in macaques. <i>NeuroImage</i> , 2021 , 232, 117919	7.9	1
65	Focal Subcortical White Matter Lesions Disrupt Resting State Cortical Interhemispheric Functional Connectivity in Mice. <i>Cerebral Cortex</i> , 2021 , 31, 4958-4969	5.1	0
64	Cortical connectivity in the face of congenital structural changes-A case of homozygous LAMC3 mutation. <i>Brain and Behavior</i> , 2021 , 11, e2241	3.4	1
63	Combining brain perturbation and neuroimaging in non-human primates. <i>NeuroImage</i> , 2021 , 235, 118017	7.9	15
62	Prefrontal connectomics: from anatomy to human imaging. <i>Neuropsychopharmacology</i> , 2022 , 47, 20-40	8.7	6
61	Structural and resting state functional connectivity beyond the cortex. <i>NeuroImage</i> , 2021 , 240, 118379	7.9	4
60	What have we really learned from functional connectivity in clinical populations?. <i>NeuroImage</i> , 2021 , 242, 118466	7.9	7
59	Rodent models used in preclinical studies of deep brain stimulation to rescue memory deficits. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 130, 410-432	9	
58	Species and individual differences and connectional asymmetry of Broca's area in humans and macaques. <i>NeuroImage</i> , 2021 , 244, 118583	7.9	0
57	Network neuroscience and the connectomics revolution. 2022 , 25-58		1
56	Effect of corpus callosum agenesis on the language network in children and adolescents. <i>Brain Structure and Function</i> , 2021 , 226, 701-713	4	3
55	Stroke-related alterations in inter-areal communication.		

54	Intrinsic Brain Activity and Resting State Networks. 2016 , 1625-1676		3
53	Connectome Networks: From Cells to Systems. <i>Research and Perspectives in Neurosciences</i> , 2016 , 107-127		9
52	Surgically disconnected temporal pole exhibits resting functional connectivity with remote brain regions.		4
51	Lesion Quantification Toolkit: A MATLAB software tool for estimating grey matter damage and white matter disconnections in patients with focal brain lesions.		1
50	Cortical silencing results in paradoxical fMRI overconnectivity.		6
49	Manipulation of subcortical and deep cortical activity in the primate brain using transcranial focused ultrasound stimulation.		2
48	Offline impact of transcranial focused ultrasound on cortical activation in primates.		0
47	Structural disconnections explain brain network dysfunction after stroke.		1
46	A Topological Criterion for Filtering Information in Complex Brain Networks. <i>PLoS Computational Biology</i> , 2017 , 13, e1005305	5	59
45	Multiplex networks of cortical and hippocampal neurons revealed at different timescales. <i>PLoS ONE</i> , 2014 , 9, e115764	3.7	31
44	Action in Perception: Prominent Visuo-Motor Functional Symmetry in Musicians during Music Listening. <i>PLoS ONE</i> , 2015 , 10, e0138238	3.7	37
43	Functional Connectivity of Chronic Cocaine Use Reveals Progressive Neuroadaptations in Neocortical, Striatal, and Limbic Networks. <i>ENeuro</i> , 2018 , 5,	3.9	18
42	Chemogenetic Inhibition of the Amygdala Modulates Emotional Behavior Expression in Infant Rhesus Monkeys. <i>ENeuro</i> , 2019 , 6,	3.9	22
41	A hierarchical, retinotopic proto-organization of the primate visual system at birth. <i>ELife</i> , 2017 , 6,	8.9	80
40	Offline impact of transcranial focused ultrasound on cortical activation in primates. <i>ELife</i> , 2019 , 8,	8.9	97
39	Dichotomous organization of amygdala/temporal-prefrontal bundles in both humans and monkeys. <i>ELife</i> , 2019 , 8,	8.9	31
38	Decoding of cortex-wide brain activity from local recordings of neural potentials.		
37	Common and differential connectivity profiles of deep brain stimulation and capsulotomy in refractory obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2021 ,	15.1	0

36	Lack of evidence for sex differences in higher cognitive function in macaques.		
35	Functional reorganisation and recovery following cortical lesions: A study in macaque monkeys.		
34	The spatial correspondence and genetic influence of inter-hemispheric connectivity with white matter microstructure.		
33	Two fiber pathways connecting amygdala and prefrontal cortex in humans and monkeys.		1
32	Distinct structure-function relationships across cortical regions and connectivity scales in the rat brain.		1
31	Structural alterations in the macaque frontoparietal white matter network after recovery from prefrontal cortex lesions.		
30	Decoding of cortex-wide brain activity from local recordings of neural potentials. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	1
29	Mapping the principal gradient onto the corpus callosum.		
28	Anatomically precise relationship between specific amygdala connections and selective markers of mental well-being in humans.		
27	Systematic Perturbation of an Artificial Neural Network: A Step Towards Quantifying Causal Contributions in The Brain.		0
26	Microsurgical anatomy of the anterior commissure through the anterior interhemispheric transcallosal approach to the third ventricle: An anatomical and morphological study. <i>Journal of Surgery and Medicine</i> , 2020 , 4, 853-856	0.1	
25	The functional characterization of callosal connections. <i>Progress in Neurobiology</i> , 2021 , 208, 102186	10.9	0
24	White matter tract transcranial ultrasound stimulation, a computational study.. <i>Computers in Biology and Medicine</i> , 2021 , 140, 105094	7	0
23	Incremental changes in interhemispheric functional connectivity after two-stage corpus callosotomy in a patient with subcortical band heterotopia.. <i>Epilepsy and Behavior Reports</i> , 2022 , 18, 100525	1.3	1
22	Volume and connectivity differences in brain networks associated with cognitive constructs of binge eating.. <i>ENeuro</i> , 2022 ,	3.9	0
21	Heritability in corpus callosum morphology and its association with tool use skill in chimpanzees (Pan troglodytes): Reproducibility in two genetically isolated populations.. <i>Genes, Brain and Behavior</i> , 2022 , e12784	3.6	
20	Increased fMRI connectivity upon chemogenetic inhibition of the mouse prefrontal cortex.. <i>Nature Communications</i> , 2022 , 13, 1056	17.4	3
19	Functional cortical associations and their intraclass correlations and heritability as revealed by the fMRI Human Connectome Project.. <i>Experimental Brain Research</i> , 2022 , 1	2.3	1

18	Overview of (f)MRI Studies of Cognitive Aging for Non-Experts: Looking through the Lens of Neuroimaging.. <i>Life</i> , 2022 , 12,	3	○
17	Predicting Functional Connectivity From Observed and Latent Structural Connectivity Eigenvalue Mapping.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 810111	5.1	○
16	Whole-brain white matter correlates of personality profiles predictive of subjective well-being.. <i>Scientific Reports</i> , 2022 , 12, 4558	4.9	
15	Table_1.DOCX. 2019 ,		
14	Corpus callosum damage to account for cognitive, affective, and social-cognitive dysfunctions in multiple sclerosis: A model of callosal disconnection syndrome?. <i>Multiple Sclerosis Journal</i> , 2022 , 13524585221091067	5	
13	Multi-policy models of interregional communication in the human connectome.		○
12	Systematic perturbation of an artificial neural network: A step towards quantifying causal contributions in the brain. <i>PLoS Computational Biology</i> , 2022 , 18, e1010250	5	
11	Dynamic decoupling of salience and default mode networks by optogenetic manipulation of anterior insular cortex.		1
10	Frontopolar cortex shapes brain network structure across prefrontal and posterior cingulate cortex. <i>Progress in Neurobiology</i> , 2022 , 102314	10.9	○
9	Communication dynamics in the human connectome shape the cortex-wide propagation of direct electrical stimulation.		○
8	Synchronous high-amplitude co-fluctuations of functional brain networks during movie-watching.		○
7	E.L., a modern-day Phineas Gage: Revisiting frontal lobe injury. 2022 , 14, 100340		
6	Relationship between nuclei-specific amygdala connectivity and mental health dimensions in humans.		○
5	Intrinsic Brain Activity and Resting State Networks. 2022 , 1939-1990		○
4	Redefining the connectome: A multi-modal, asymmetric, weighted, and signed description of anatomical connectivity.		○
3	Optogenetic stimulation of anterior insular cortex neurons in male rats reveals causal mechanisms underlying suppression of the default mode network by the salience network. 2023 , 14,		○
2	Identifying the distinct spectral dynamics of laminar-specific interhemispheric connectivity with bilateral line-scanning fMRI. 0271678X2311584		○
1	Communication dynamics in the human connectome shape the cortex-wide propagation of direct electrical stimulation. 2023 ,		○

