

Boris C Bernhardt

List of Publications by Citations

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

6,898
citations

45
h-index

79
g-index

259
ext. papers

10,128
ext. citations

7
avg, IF

6.41
L-index

#	Paper	IF	Citations
208	The neural basis of empathy. <i>Annual Review of Neuroscience</i> , 2012 , 35, 1-23	17	605
207	The Neural Basis of Empathy. <i>Annual Review of Neuroscience</i> , 2012 , 35, 1-23	17	396
206	Graph-theoretical analysis reveals disrupted small-world organization of cortical thickness correlation networks in temporal lobe epilepsy. <i>Cerebral Cortex</i> , 2011 , 21, 2147-57	5.1	330
205	Impulse control and underlying functions of the left DLPFC mediate age-related and age-independent individual differences in strategic social behavior. <i>Neuron</i> , 2012 , 73, 1040-51	13.9	201
204	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
203	Exploring the role of the posterior middle temporal gyrus in semantic cognition: Integration of anterior temporal lobe with executive processes. <i>NeuroImage</i> , 2016 , 137, 165-177	7.9	179
202	Cortical thickness analysis in temporal lobe epilepsy: reproducibility and relation to outcome. <i>Neurology</i> , 2010 , 74, 1776-84	6.5	163
201	Advances in MRI for Cryptogenic Epilepsies. <i>Nature Reviews Neurology</i> , 2011 , 7, 99-108	15	159
200	Mapping limbic network organization in temporal lobe epilepsy using morphometric correlations: insights on the relation between mesiotemporal connectivity and cortical atrophy. <i>NeuroImage</i> , 2008 , 42, 515-24	7.9	153
199	Gradients of structure-function tethering across neocortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21219-21227	11.5	152
198	Imaging structural and functional brain networks in temporal lobe epilepsy. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 624	3.3	145
197	Network analysis for a network disorder: The emerging role of graph theory in the study of epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 50, 162-70	3.2	140
196	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019 , 17, e3000284	9.7	131
195	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019 , 10, 1022	17.4	128
194	Thalamo-cortical network pathology in idiopathic generalized epilepsy: insights from MRI-based morphometric correlation analysis. <i>NeuroImage</i> , 2009 , 46, 373-81	7.9	126
193	Automated detection of cortical dysplasia type II in MRI-negative epilepsy. <i>Neurology</i> , 2014 , 83, 48-55	6.5	115
192	Structural plasticity of the social brain: Differential change after socio-affective and cognitive mental training. <i>Science Advances</i> , 2017 , 3, e1700489	14.3	113

191	MRI analysis in temporal lobe epilepsy: cortical thinning and white matter disruptions are related to side of seizure onset. <i>Epilepsia</i> , 2011 , 52, 2257-66	6.4	111
190	Anatomical and microstructural determinants of hippocampal subfield functional connectome embedding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10154-10159	11.5	111
189	Selective disruption of sociocognitive structural brain networks in autism and alexithymia. <i>Cerebral Cortex</i> , 2014 , 24, 3258-67	5.1	96
188	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. <i>NeuroImage</i> , 2017 , 146, 226-235	7.9	92
187	Magnetic resonance imaging pattern learning in temporal lobe epilepsy: classification and prognostics. <i>Annals of Neurology</i> , 2015 , 77, 436-46	9.4	88
186	Spatial patterns of water diffusion along white matter tracts in temporal lobe epilepsy. <i>Neurology</i> , 2012 , 79, 455-62	6.5	88
185	Mapping thalamocortical network pathology in temporal lobe epilepsy. <i>Neurology</i> , 2012 , 78, 129-36	6.5	79
184	Socio-Cognitive Phenotypes Differentially Modulate Large-Scale Structural Covariance Networks. <i>Cerebral Cortex</i> , 2017 , 27, 1358-1368	5.1	72
183	Patterns of subregional mesiotemporal disease progression in temporal lobe epilepsy. <i>Neurology</i> , 2013 , 81, 1840-7	6.5	72
182	A meta-analysis on progressive atrophy in intractable temporal lobe epilepsy: Time is brain?. <i>Neurology</i> , 2017 , 89, 506-516	6.5	71
181	Classifying the wandering mind: revealing the affective content of thoughts during task-free rest periods. <i>NeuroImage</i> , 2014 , 97, 107-16	7.9	69
180	The spectrum of structural and functional imaging abnormalities in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2016 , 80, 142-53	9.4	66
179	Tracking thoughts: Exploring the neural architecture of mental time travel during mind-wandering. <i>NeuroImage</i> , 2017 , 147, 272-281	7.9	64
178	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020 , 3, 103	6.7	63
177	Multicenter mapping of structural network alterations in autism. <i>Human Brain Mapping</i> , 2015 , 36, 2364-739	5.4	54
176	Multimodal MRI profiling of focal cortical dysplasia type II. <i>Neurology</i> , 2017 , 88, 734-742	6.5	53
175	Whole-brain MRI phenotyping in dysplasia-related frontal lobe epilepsy. <i>Neurology</i> , 2016 , 86, 643-50	6.5	52
174	Multidimensional Neuroanatomical Subtyping of Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2018 , 28, 3578-3588	5.1	49

173	The spectrum of structural and functional network alterations in malformations of cortical development. <i>Brain</i> , 2017 , 140, 2133-2143	11.2	49
172	Age-related differences in function and structure of rSMG and reduced functional connectivity with DLPFC explains heightened emotional egocentricity bias in childhood. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 302-10	4	48
171	The superficial white matter in temporal lobe epilepsy: a key link between structural and functional network disruptions. <i>Brain</i> , 2016 , 139, 2431-40	11.2	48
170	How do we decide what to do? Resting-state connectivity patterns and components of self-generated thought linked to the development of more concrete personal goals. <i>Experimental Brain Research</i> , 2018 , 236, 2469-2481	2.3	47
169	Medial prefrontal and anterior cingulate cortical thickness predicts shared individual differences in self-generated thought and temporal discounting. <i>NeuroImage</i> , 2014 , 90, 290-7	7.9	47
168	Functional network alterations and their structural substrate in drug-resistant epilepsy. <i>Frontiers in Neuroscience</i> , 2014 , 8, 411	5.1	47
167	Multi-contrast submillimetric 3 Tesla hippocampal subfield segmentation protocol and dataset. <i>Scientific Data</i> , 2015 , 2, 150059	8.2	46
166	Automatic hippocampal segmentation in temporal lobe epilepsy: impact of developmental abnormalities. <i>NeuroImage</i> , 2012 , 59, 3178-86	7.9	46
165	Review: Neurodegenerative processes in temporal lobe epilepsy with hippocampal sclerosis: Clinical, pathological and neuroimaging evidence. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 70-90	5.2	45
164	In vivo MRI signatures of hippocampal subfield pathology in intractable epilepsy. <i>Human Brain Mapping</i> , 2016 , 37, 1103-19	5.9	45
163	Temporal lobe epilepsy: Hippocampal pathology modulates connectome topology and controllability. <i>Neurology</i> , 2019 , 92, e2209-e2220	6.5	43
162	Structural changes in socio-affective networks: Multi-modal MRI findings in long-term meditation practitioners. <i>Neuropsychologia</i> , 2018 , 116, 26-33	3.2	43
161	Neuroimaging and connectomics of drug-resistant epilepsy at multiple scales: From focal lesions to macroscale networks. <i>Epilepsia</i> , 2019 , 60, 593-604	6.4	40
160	A molecular gradient along the longitudinal axis of the human hippocampus informs large-scale behavioral systems. <i>Nature Communications</i> , 2020 , 11, 960	17.4	40
159	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. <i>ELife</i> , 2019 , 8,	8.9	39
158	Structural covariance networks of the dorsal anterior insula predict females' individual differences in empathic responding. <i>Cerebral Cortex</i> , 2014 , 24, 2189-98	5.1	38
157	The default mode network in cognition: a topographical perspective. <i>Nature Reviews Neuroscience</i> , 2021 , 22, 503-513	13.5	38
156	Toward Neurosubtypes in Autism. <i>Biological Psychiatry</i> , 2020 , 88, 111-128	7.9	36

155	Multiscale Structure-Function Gradients in the Neonatal Connectome. <i>Cerebral Cortex</i> , 2020 , 30, 47-58	5.1	36
154	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. <i>Nature Communications</i> , 2020 , 11, 3358	17.4	35
153	Preferential susceptibility of limbic cortices to microstructural damage in temporal lobe epilepsy: A quantitative T1 mapping study. <i>NeuroImage</i> , 2018 , 182, 294-303	7.9	35
152	Dispersion of functional gradients across the adult lifespan. <i>NeuroImage</i> , 2020 , 222, 117299	7.9	33
151	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
150	Subregional Mesiotemporal Network Topology Is Altered in Temporal Lobe Epilepsy. <i>Cerebral Cortex</i> , 2016 , 26, 3237-48	5.1	31
149	Histological and MRI markers of white matter damage in focal epilepsy. <i>Epilepsy Research</i> , 2018 , 140, 29-38	3	30
148	Substrates of metacognition on perception and metacognition on higher-order cognition relate to different subsystems of the mentalizing network. <i>Human Brain Mapping</i> , 2016 , 37, 3388-99	5.9	30
147	Community-informed connectomics of the thalamocortical system in generalized epilepsy. <i>Neurology</i> , 2019 , 93, e1112-e1122	6.5	29
146	Topographic gradients of intrinsic dynamics across neocortex. <i>ELife</i> , 2020 , 9,	8.9	28
145	Functional connectome contractions in temporal lobe epilepsy: Microstructural underpinnings and predictors of surgical outcome. <i>Epilepsia</i> , 2020 , 61, 1221-1233	6.4	27
144	Knowing what from where: Hippocampal connectivity with temporoparietal cortex at rest is linked to individual differences in semantic and topographic memory. <i>NeuroImage</i> , 2017 , 152, 400-410	7.9	25
143	Multidimensional associations between cognition and connectome organization in temporal lobe epilepsy. <i>NeuroImage</i> , 2020 , 213, 116706	7.9	25
142	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020 , 6,	14.3	25
141	Association of Short-term Change in Leukocyte Telomere Length With Cortical Thickness and Outcomes of Mental Training Among Healthy Adults: A Randomized Clinical Trial. <i>JAMA Network Open</i> , 2019 , 2, e199687	10.4	24
140	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. <i>Brain Connectivity</i> , 2019 , 9, 113-127	2.7	24
139	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020 , 223, 117322	7.9	23
138	Neuroimaging-Based Phenotyping of the Autism Spectrum. <i>Current Topics in Behavioral Neurosciences</i> , 2017 , 30, 341-355	3.4	21

137	A connectome-based mechanistic model of focal cortical dysplasia. <i>Brain</i> , 2019 , 142, 688-699	11.2	19
136	The relationship between individual variation in macroscale functional gradients and distinct aspects of ongoing thought. <i>NeuroImage</i> , 2020 , 220, 117072	7.9	19
135	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. <i>ELife</i> , 2020 , 9,	8.9	19
134	The Superficial White Matter in Autism and Its Role in Connectivity Anomalies and Symptom Severity. <i>Cerebral Cortex</i> , 2019 , 29, 4415-4425	5.1	19
133	Targeting age-related differences in brain and cognition with multimodal imaging and connectome topography profiling. <i>Human Brain Mapping</i> , 2019 , 40, 5213-5230	5.9	18
132	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2020 ,	5.9	18
131	Network structure of the mouse brain connectome with voxel resolution. <i>Science Advances</i> , 2020 , 6,	14.3	18
130	A Surface Patch-Based Segmentation Method for Hippocampal Subfields. <i>Lecture Notes in Computer Science</i> , 2016 , 379-387	0.9	18
129	A statistical model of right ventricle in tetralogy of Fallot for prediction of remodelling and therapy planning. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 214-21	0.9	18
128	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020 , 6,	14.3	18
127	The structural basis of semantic control: Evidence from individual differences in cortical thickness. <i>NeuroImage</i> , 2018 , 181, 480-489	7.9	17
126	A multi-scale cortical wiring space links cellular architecture and functional dynamics in the human brain. <i>PLoS Biology</i> , 2020 , 18, e3000979	9.7	17
125	The psychological correlates of distinct neural states occurring during wakeful rest. <i>Scientific Reports</i> , 2020 , 10, 21121	4.9	17
124	The neural correlates of ongoing conscious thought. <i>iScience</i> , 2021 , 24, 102132	6.1	17
123	Signal diffusion along connectome gradients and inter-hub routing differentially contribute to dynamic human brain function. <i>NeuroImage</i> , 2021 , 224, 117429	7.9	17
122	Connectome biomarkers of drug-resistant epilepsy. <i>Epilepsia</i> , 2021 , 62, 6-24	6.4	17
121	Reductions in task positive neural systems occur with the passage of time and are associated with changes in ongoing thought. <i>Scientific Reports</i> , 2020 , 10, 9912	4.9	16
120	Gray matter structural compromise is equally distributed in left and right temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2016 , 37, 515-24	5.9	16

119	Microstructural imaging in temporal lobe epilepsy: Diffusion imaging changes relate to reduced neurite density. <i>NeuroImage: Clinical</i> , 2020 , 26, 102231	5.3	15
118	Myeloarchitecture gradients in the human insula: Histological underpinnings and association to intrinsic functional connectivity. <i>NeuroImage</i> , 2020 , 216, 116859	7.9	15
117	Multivariate hippocampal subfield analysis of local MRI intensity and volume: application to temporal lobe epilepsy. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 170-8	0.9	15
116	Brain iron redistribution in mesial temporal lobe epilepsy: a susceptibility-weighted magnetic resonance imaging study. <i>BMC Neuroscience</i> , 2014 , 15, 117	3.2	14
115	Macroscale and microcircuit dissociation of focal and generalized human epilepsies. <i>Communications Biology</i> , 2020 , 3, 244	6.7	14
114	Developmental MRI markers cosegregate juvenile patients with myoclonic epilepsy and their healthy siblings. <i>Neurology</i> , 2019 , 93, e1272-e1280	6.5	14
113	Association between carotid atheroma and cerebral cortex structure at age 73 years. <i>Annals of Neurology</i> , 2018 , 84, 576-587	9.4	14
112	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021 , 10,	8.9	13
111	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021 , 12, 2225	17.4	12
110	Topographic principles of cortical fluid-attenuated inversion recovery signal in temporal lobe epilepsy. <i>Epilepsia</i> , 2018 , 59, 627-635	6.4	11
109	A cortical wiring space links cellular architecture, functional dynamics and hierarchies in humans		11
108	Facing up to the wandering mind: Patterns of off-task laboratory thought are associated with stronger neural recruitment of right fusiform cortex while processing facial stimuli. <i>NeuroImage</i> , 2020 , 214, 116765	7.9	11
107	Transcriptomic and Cellular Decoding of Regional Brain Vulnerability to Neurodevelopmental Disorders		10
106	Individual variation in patterns of task focused, and detailed, thought are uniquely associated within the architecture of the medial temporal lobe. <i>NeuroImage</i> , 2019 , 202, 116045	7.9	9
105	Automated Detection of Epileptogenic Cortical Malformations Using Multimodal MRI. <i>Lecture Notes in Computer Science</i> , 2017 , 349-356	0.9	9
104	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets		9
103	An individual differences analysis of the neurocognitive architecture of the semantic system at rest. <i>Brain and Cognition</i> , 2016 , 109, 112-123	2.7	9
102	Multiscale communication in cortico-cortical networks. <i>NeuroImage</i> , 2021 , 243, 118546	7.9	9

101	Serotonergic psychedelic drugs LSD and psilocybin reduce the hierarchical differentiation of unimodal and transmodal cortex			8
100	Latent Clinical-Anatomical Dimensions of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020 , 46, 1426-1438	1.3		8
99	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021 , 31, 102765	5.3		8
98	Antiepileptic Drug of Levetiracetam Decreases Centrotemporal Spike-Associated Activation in Rolandic Epilepsy. <i>Frontiers in Neuroscience</i> , 2018 , 12, 796	5.1		8
97	Temporal lobe epilepsy is a progressive disorder. <i>Nature Reviews Neurology</i> , 2010 , 6, 1	15		7
96	Dispersion of functional gradients across the lifespan			7
95	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. <i>Epileptic Disorders</i> , 2020 , 22, 421-437	1.9		7
94	Whole-brain functional connectivity correlates of obesity phenotypes. <i>Human Brain Mapping</i> , 2020 , 41, 4912-4924	5.9		7
93	Atypical neural topographies underpin dysfunctional pattern separation in temporal lobe epilepsy. <i>Brain</i> , 2021 , 144, 2486-2498	11.2		7
92	The ENIGMA Toolbox: multiscale neural contextualization of multisite neuroimaging datasets. <i>Nature Methods</i> , 2021 , 18, 698-700	21.6		7
91	Tracking mood fluctuations with functional network patterns. <i>Social Cognitive and Affective Neuroscience</i> , 2019 , 14, 47-57	4		7
90	Network structure of the mouse brain connectome with voxel resolution			6
89	Connectome and microcircuit models implicate atypical subcortico-cortical interactions in autism pathophysiology			6
88	Changing the social brain: plasticity along macro-scale axes of functional connectivity following social mental training			6
87	A systems-level analysis highlights microglial activation as a modifying factor in common forms of human epilepsy			6
86	Altered communication dynamics reflect cognitive deficits in temporal lobe epilepsy. <i>Epilepsia</i> , 2021 , 62, 1022-1033	6.4		6
85	Deep Convolutional Networks for Automated Detection of Epileptogenic Brain Malformations. <i>Lecture Notes in Computer Science</i> , 2018 , 490-497	0.9		6
84	Functional idiosyncrasy has a shared topography with group-level connectivity alterations in autism			5

83	The ENIGMA Toolbox: Cross-disorder integration and multiscale neural contextualization of multisite neuroimaging datasets		5
82	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2021 , 1-14	6.9	5
81	Fast oscillations >40Hz localize the epileptogenic zone: An electrical source imaging study using high-density electroencephalography. <i>Clinical Neurophysiology</i> , 2021 , 132, 568-580	4.3	5
80	The BigBrainWarp toolbox for integration of BigBrain 3D histology with multimodal neuroimaging. <i>ELife</i> , 2021 , 10,	8.9	5
79	Atypical functional connectome hierarchy impacts cognition in temporal lobe epilepsy. <i>Epilepsia</i> , 2021 , 62, 2589-2603	6.4	5
78	Connectome-Based Pattern Learning Predicts Histology and Surgical Outcome of Epileptogenic Malformations of Cortical Development. <i>Lecture Notes in Computer Science</i> , 2017 , 390-397	0.9	4
77	Age differences in the functional architecture of the human brain.. <i>Cerebral Cortex</i> , 2022 ,	5.1	4
76	Functional connectome contractions in temporal lobe epilepsy: microstructural underpinnings and associations to surgical outcome		4
75	The psychological correlates of distinct neural states occurring during wakeful rest		4
74	Shaping Brain Structure: Genetic and Phylogenetic Axes of Macro Scale Organization of Cortical Thickness		4
73	TOWARD A CONNECTIVITY GRADIENT-BASED FRAMEWORK FOR REPRODUCIBLE BIOMARKER DISCOVERY		4
72	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization		4
71	Body mass variations relate to fractionated functional brain hierarchies		4
70	A molecular gradient along the longitudinal axis of the human hippocampus informs large-scale behavioral systems		4
69	Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. <i>Scientific Reports</i> , 2020 , 10, 11904	4.9	4
68	Cortical gradients of functional connectivity are robust to state-dependent changes following sleep deprivation. <i>NeuroImage</i> , 2021 , 226, 117547	7.9	4
67	Multimodal computational neocortical anatomy in pediatric hippocampal sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 1200-1210	5.3	4
66	Population variability in social brain morphology for social support, household size and friendship satisfaction. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 635-647	4	3

65	Word up - Experiential and neurocognitive evidence for associations between autistic symptomology and a preference for thinking in the form of words. <i>Cortex</i> , 2020 , 128, 88-106	3.8	3
64	Epilepsy and brain network hubs.. <i>Epilepsia</i> , 2022 ,	6.4	3
63	Towards Neurosubtypes in Autism		3
62	Author response: Shifts in myeloarchitecture characterise adolescent development of cortical gradients 2019 ,		3
61	MRI-Based Lesion Profiling of Epileptogenic Cortical Malformations. <i>Lecture Notes in Computer Science</i> , 2015 , 501-509	0.9	3
60	Convergence of cortical types and functional motifs in the mesiotemporal lobe		3
59	Topographic gradients of intrinsic dynamics across neocortex		3
58	Heritability of cortical morphology reflects a sensory-fugal plasticity gradient		3
57	Inter-individual body mass variations relate to fractionated functional brain hierarchies. <i>Communications Biology</i> , 2021 , 4, 735	6.7	3
56	An Open MRI Dataset for Multiscale Neuroscience		3
55	Connectivity alterations in autism reflect functional idiosyncrasy. <i>Communications Biology</i> , 2021 , 4, 10786.7		3
54	Cortico-striato-thalamo-cerebellar networks of structural covariance underlying different epilepsy syndromes associated with generalized tonic-clonic seizures. <i>Human Brain Mapping</i> , 2021 , 42, 1102-1115 ^{5.9}		3
53	Resting state signal latency assesses the propagation of intrinsic activations and estimates anti-epileptic effect of levetiracetam in Rolandic epilepsy. <i>Brain Research Bulletin</i> , 2020 , 162, 125-131	3.9	2
52	Investigating the Elements of Thought 2018 ,		2
51	The many dimensions of human hippocampal organization and (dys)function. <i>Trends in Neurosciences</i> , 2021 , 44, 977-989	13.3	2
50	Network-based atrophy modelling in the common epilepsies: a worldwide ENIGMA study		2
49	Perceptual coupling and decoupling of the default mode network during mind-wandering and reading		2
48	Microstructural and Functional Gradients are Increasingly Dissociated in Transmodal Cortices		2

47	Functional architecture of the aging brain		2
46	BigBrainWarp: Toolbox for integration of BigBrain 3D histology with multimodal neuroimaging		2
45	Structural Connectivity Gradients of the Temporal Lobe Serve as Multiscale Axes of Brain Organization and Cortical Evolution. <i>Cerebral Cortex</i> , 2021 , 31, 5151-5164	5.1	2
44	Time-resolved structure-function coupling in brain networks		2
43	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2021 ,	5.2	2
42	A tale of two gradients: differences between the left and right hemispheres predict semantic cognition. <i>Brain Structure and Function</i> , 2021 , 1	4	2
41	Perceptual coupling and decoupling of the default mode network during mind-wandering and reading.. <i>ELife</i> , 2022 , 11,	8.9	2
40	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex.. <i>Nature Communications</i> , 2022 , 13, 2341	17.4	2
39	Serotonergic psychedelic drugs LSD and psilocybin reduce the hierarchical differentiation of unimodal and transmodal cortex.. <i>NeuroImage</i> , 2022 , 119220	7.9	2
38	Network Modeling of Epilepsy Using Structural and Functional MRI 2019 , 77-94		1
37	Imaging characteristics of temporopolar blurring in the context of hippocampal sclerosis. <i>Epileptic Disorders</i> , 2021 ,	1.9	1
36	ILAE Neuroimaging Task Force highlight: Review MRI scans with semiology in mind. <i>Epileptic Disorders</i> , 2020 , 22, 683-687	1.9	1
35	The Unique Cytoarchitecture and Wiring of the Human Default Mode Network		1
34	ILAE Neuroimaging Task Force Highlight: harnessing optimized imaging protocols for drug-resistant childhood epilepsy. <i>Epileptic Disorders</i> , 2021 , 23, 675-681	1.9	1
33	Myeloarchitecture gradients in the human insula serve as blueprints for its diverse connectivity and function		1
32	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA Epilepsy study		1
31	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. <i>Molecular Psychiatry</i> , 2021 ,	15.1	1
30	Recycling diagnostic MRI for empowering brain morphometric research - Critical & practical assessment on learning-based image super-resolution. <i>NeuroImage</i> , 2021 , 245, 118687	7.9	1

29	Human brain function during pattern separation follows hippocampal and neocortical connectivity gradients		1
28	Multiscale communication in cortico-cortical networks		1
27	Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel		1
26	Age of Speech Onset in Autism Relates to Structural Connectivity in the Language Network. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa077	1.9	1
25	Cortical and Subcortical Neuroanatomical Signatures of Schizotypy in 3,004 Individuals Assessed in a Worldwide ENIGMA Study		1
24	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex		1
23	Dissecting the midlife crisis: disentangling social, personality and demographic determinants in social brain anatomy. <i>Communications Biology</i> , 2021, 4, 728	6.7	1
22	A Structure-Function Substrate of Memory for Spatial Configurations in Medial and Lateral Temporal Cortices. <i>Cerebral Cortex</i> , 2021, 31, 3213-3225	5.1	1
21	Atypical Integration of Sensory-to-Transmodal Functional Systems Mediates Symptom Severity in Autism. <i>Frontiers in Psychiatry</i> , 2021, 12, 699813	5	1
20	Population heterogeneity in clinical cohorts affects the predictive accuracy of brain imaging.. <i>PLoS Biology</i> , 2022, 20, e3001627	9.7	1
19	Multimodal connectome biomarkers of cognitive and affective dysfunction in the common epilepsies. <i>Network Neuroscience</i> , 1-33	5.6	0
18	Missing the forest because of the trees: slower alternations during binocular rivalry are associated with lower levels of visual detail during ongoing thought. <i>Neuroscience of Consciousness</i> , 2020, 2020, niaa020	3.3	0
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