

Georg Northoff

List of Publications by Year in descending order

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Version: 2024-02-01

299
papers

20,263
citations

14655

66
h-index

14208

128
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320
all docs

320
docs citations

320
times ranked

14142
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-referential processing in our brainâ€”A meta-analysis of imaging studies on the self. <i>NeuroImage</i> , 2006, 31, 440-457.	4.2	2,350
2	Cortical midline structures and the self. <i>Trends in Cognitive Sciences</i> , 2004, 8, 102-107.	7.8	1,304
3	Is there a core neural network in empathy? An fMRI based quantitative meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 903-911.	6.1	756
4	How is our self related to midline regions and the default-mode network?. <i>NeuroImage</i> , 2011, 57, 1221-1233.	4.2	712
5	Imbalance between Left and Right Dorsolateral Prefrontal Cortex in Major Depression Is Linked to Negative Emotional Judgment: An fMRI Study in Severe Major Depressive Disorder. <i>Biological Psychiatry</i> , 2008, 63, 369-376.	1.3	514
6	Culture-sensitive neural substrates of human cognition: a transcultural neuroimaging approach. <i>Nature Reviews Neuroscience</i> , 2008, 9, 646-654.	10.2	457
7	What catatonia can tell us about â€œtop-down modulationâ€”A neuropsychiatric hypothesis. <i>Behavioral and Brain Sciences</i> , 2002, 25, 555-577.	0.7	337
8	GABA concentrations in the human anterior cingulate cortex predict negative BOLD responses in fMRI. <i>Nature Neuroscience</i> , 2007, 10, 1515-1517.	14.8	331
9	A Cultural Neuroscience Approach to the Biosocial Nature of the Human Brain. <i>Annual Review of Psychology</i> , 2013, 64, 335-359.	17.7	330
10	Altered Negative BOLD Responses in the Default-Mode Network during Emotion Processing in Depressed Subjects. <i>Neuropsychopharmacology</i> , 2009, 34, 932-943.	5.4	301
11	Increased selfâ€”focus in major depressive disorder is related to neural abnormalities in subcorticalâ€”cortical midline structures. <i>Human Brain Mapping</i> , 2009, 30, 2617-2627.	3.6	228
12	Rest-stimulus interaction in the brain: a review. <i>Trends in Neurosciences</i> , 2010, 33, 277-284.	8.6	226
13	Reciprocal modulation and attenuation in the prefrontal cortex: An fMRI study on emotionalâ€”cognitive interaction. <i>Human Brain Mapping</i> , 2004, 21, 202-212.	3.6	225
14	Contrasting variability patterns in the default mode and sensorimotor networks balance in bipolar depression and mania. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4824-4829.	7.1	205
15	The trans-species concept of self and the subcorticalâ€”cortical midline system. <i>Trends in Cognitive Sciences</i> , 2008, 12, 259-264.	7.8	200
16	The â€”resting-state hypothesisâ€”™ of major depressive disorderâ€”A translational subcorticalâ€”cortical framework for a system disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1929-1945.	6.1	189
17	Associations of regional GABA and glutamate with intrinsic and extrinsic neural activity in humansâ€”A review of multimodal imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 36-52.	6.1	184
18	Segregated neural representation of distinct emotion dimensions in the prefrontal cortexâ€”an fMRI study. <i>NeuroImage</i> , 2006, 30, 325-340.	4.2	181

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19	How can the brain's resting state activity generate hallucinations? A "resting state hypothesis" of auditory verbal hallucinations. Schizophrenia Research, 2011, 127, 202-214.	2.0	176
20	Psychopathology and pathophysiology of the self in depression – Neuropsychiatric hypothesis. Journal of Affective Disorders, 2007, 104, 1-14.	4.1	175
21	Catatonia as a psychomotor syndrome: A rating scale and extrapyramidal motor symptoms. Movement Disorders, 1999, 14, 404-416.	3.9	174
22	How do the brain's time and space mediate consciousness and its different dimensions? Temporo-spatial theory of consciousness (TTC). Neuroscience and Biobehavioral Reviews, 2017, 80, 630-645.	6.1	158
23	Opposite effects of dopamine and serotonin on resting-state networks: review and implications for psychiatric disorders. Molecular Psychiatry, 2020, 25, 82-93.	7.9	155
24	Brain Pathology in Pedophilic Offenders. Archives of General Psychiatry, 2007, 64, 737.	12.3	149
25	Is Our Self Nothing but Reward?. Biological Psychiatry, 2011, 69, 1019-1025.	1.3	147
26	Is the self a higher-order or fundamental function of the brain? The "basis model of self-specificity" and its encoding by the brain's spontaneous activity. Cognitive Neuroscience, 2016, 7, 203-222.	1.4	141
27	Is temporo-spatial dynamics the "common currency" of brain and mind? In Quest of "Spatiotemporal Neuroscience". Physics of Life Reviews, 2020, 33, 34-54.	2.8	135
28	Orbitofrontal Cortical Dysfunction in Akinetic Catatonia: A Functional Magnetic Resonance Imaging Study During Negative Emotional Stimulation. Schizophrenia Bulletin, 2004, 30, 405-427.	4.3	128
29	Is subcortical "cortical midline activity in depression mediated by glutamate and GABA? A cross-species translational approach. Neuroscience and Biobehavioral Reviews, 2010, 34, 592-605.	6.1	128
30	The association of interoceptive awareness and alexithymia with neurotransmitter concentrations in insula and anterior cingulate. Social Cognitive and Affective Neuroscience, 2014, 9, 857-863.	3.0	128
31	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. Journal of Neuroscience, 2015, 35, 12932-12946.	3.6	128
32	Differential parametric modulation of self-relatedness and emotions in different brain regions. Human Brain Mapping, 2009, 30, 369-382.	3.6	127
33	Abnormal body perception and neural activity in the insula in depression: An fMRI study of the depressed "material me". World Journal of Biological Psychiatry, 2010, 11, 538-549.	2.6	121
34	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. Neurolmage, 2006, 30, 588-600.	4.2	118
35	Why are cortical GABA neurons relevant to internal focus in depression? A cross-level model linking cellular, biochemical and neural network findings. Molecular Psychiatry, 2014, 19, 966-977.	7.9	113
36	Brain imaging of the self – Conceptual, anatomical and methodological issues. Consciousness and Cognition, 2011, 20, 52-63.	1.5	112

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37	Pedophilia is Linked to Reduced Activation in Hypothalamus and Lateral Prefrontal Cortex During Visual Erotic Stimulation. <i>Biological Psychiatry</i> , 2007, 62, 698-701.	1.3	110
38	GABA in the insula â€” a predictor of the neural response to interoceptive awareness. <i>NeuroImage</i> , 2014, 86, 10-18.	4.2	110
39	Is Our Self Nothing but Reward? Neuronal Overlap and Distinction between Reward and Personal Relevance and Its Relation to Human Personality. <i>PLoS ONE</i> , 2009, 4, e8429.	2.5	109
40	Linking bodily, environmental and mental states in the selfâ€”A three-level model based on a meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 77-95.	6.1	109
41	Neural signs and mechanisms of consciousness: Is there a potential convergence of theories of consciousness in sight?. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 568-587.	6.1	108
42	Functional connectivity and neuronal variability of resting state activity in bipolar disorderâ€”reduction and decoupling in anterior cortical midline structures. <i>Human Brain Mapping</i> , 2015, 36, 666-682.	3.6	107
43	Auditory Hallucinations and the Brainâ€™s Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , 2016, 42, 1110-1123.	4.3	107
44	How do abnormalities in the brainâ€™s spontaneous activity translate into symptoms in schizophrenia? From an overview of resting state activity findings to a proposed spatiotemporal psychopathology. <i>Progress in Neurobiology</i> , 2016, 145-146, 26-45.	5.7	106
45	Spatiotemporal psychopathology I: No rest for the brainâ€™s resting state activity in depression? Spatiotemporal psychopathology of depressive symptoms. <i>Journal of Affective Disorders</i> , 2016, 190, 854-866.	4.1	106
46	Methodological Problems on the Way to Integrative Human Neuroscience. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 41.	2.1	105
47	How are different neural networks related to consciousness?. <i>Annals of Neurology</i> , 2015, 78, 594-605.	5.3	102
48	What Can Different Motor Circuits Tell Us About Psychosis? An RDoC Perspective. <i>Schizophrenia Bulletin</i> , 2017, 43, 949-955.	4.3	100
49	How Does Our Brain Constitute Defense Mechanisms? First-Person Neuroscience and Psychoanalysis. <i>Psychotherapy and Psychosomatics</i> , 2007, 76, 141-153.	8.8	98
50	Reduced negative BOLD responses in the default-mode network and increased self-focus in depression. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 627-637.	2.6	97
51	Differential alterations of restingâ€”state functional connectivity in generalized anxiety disorder and panic disorder. <i>Human Brain Mapping</i> , 2016, 37, 1459-1473.	3.6	96
52	All roads lead to the motor cortex: psychomotor mechanisms and their biochemical modulation in psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 92-102.	7.9	96
53	All roads lead to the default-mode networkâ€”global source of DMN abnormalities in major depressive disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 2058-2069.	5.4	93
54	Is There a Nonadditive Interaction Between Spontaneous and Evoked Activity? Phase-Dependence and Its Relation to the Temporal Structure of Scale-Free Brain Activity. <i>Cerebral Cortex</i> , 2017, 27, bhv288.	2.9	92

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55	Dissociation between anterior and posterior cortical regions during self-specificity and familiarity: A combined fMRI–meta-analytic study. <i>Human Brain Mapping</i> , 2012, 33, 154-164.	3.6	91
56	Neuroimaging the consciousness of self: Review, and conceptual-methodological framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 164-212.	6.1	90
57	The Educational Benefits of Self-Related Information Processing. , 2019, , 15-35.		89
58	A comparison of neural responses to appetitive and aversive stimuli in humans and other mammals. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 350-368.	6.1	88
59	The temporal structure of resting-state brain activity in the medial prefrontal cortex predicts self-consciousness. <i>Neuropsychologia</i> , 2016, 82, 161-170.	1.6	87
60	The self and its resting state in consciousness: An investigation of the vegetative state. <i>Human Brain Mapping</i> , 2014, 35, 1997-2008.	3.6	83
61	Identifying a Network of Brain Regions Involved in Aversion-Related Processing: A Cross-Species Translational Investigation. <i>Frontiers in Integrative Neuroscience</i> , 2011, 5, 49.	2.1	81
62	Glutamate Concentration in the Medial Prefrontal Cortex Predicts Resting-State Cortical-Subcortical Functional Connectivity in Humans. <i>PLoS ONE</i> , 2013, 8, e60312.	2.5	79
63	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , 2016, 124, 693-703.	4.2	79
64	The brain and its resting state activity—Experimental and methodological implications. <i>Progress in Neurobiology</i> , 2010, 92, 593-600.	5.7	78
65	The temporal signature of self: Temporal measures of resting-state EEG predict self-consciousness. <i>Human Brain Mapping</i> , 2019, 40, 789-803.	3.6	76
66	Intrinsic neural timescales: temporal integration and segregation. <i>Trends in Cognitive Sciences</i> , 2022, 26, 159-173.	7.8	75
67	Distinction between Externally vs. Internally Guided Decision-Making: Operational Differences, Meta-Analytical Comparisons and Their Theoretical Implications. <i>Frontiers in Neuroscience</i> , 2012, 6, 31.	2.8	74
68	Common brain activations for painful and non-painful aversive stimuli. <i>BMC Neuroscience</i> , 2012, 13, 60.	1.9	70
69	What the brain's intrinsic activity can tell us about consciousness? A tri-dimensional view. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 726-738.	6.1	70
70	Negative childhood experiences alter a prefrontal–insular–motor cortical network in healthy adults: A preliminary multimodal rsfMRI–fMRI–MRS–dMRI study. <i>Human Brain Mapping</i> , 2015, 36, 4622-4637.	3.6	70
71	Interoception in insula subregions as a possible state marker for depression—An exploratory fMRI study investigating healthy, depressed and remitted participants. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 82.	2.0	70
72	NMDA hypofunction in the posterior cingulate as a model for schizophrenia: an exploratory ketamine administration study in fMRI. <i>Schizophrenia Research</i> , 2005, 72, 235-248.	2.0	69

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73	Overview of potential procedural and participant-related confounds for neuroimaging of the resting state. <i>Journal of Psychiatry and Neuroscience</i> , 2013, 38, 84-96.	2.4	68
74	Different Neural Manifestations of Two Slow Frequency Bands in Resting Functional Magnetic Resonance Imaging: A Systemic Survey at Regional, Interregional, and Network Levels. <i>Brain Connectivity</i> , 2014, 4, 242-255.	1.7	68
75	Resting-state EEG power predicts conflict-related brain activity in internally guided but not in externally guided decision-making. <i>NeuroImage</i> , 2013, 66, 9-21.	4.2	66
76	Involvement of glutamate in resting-state stimulus interaction between perigenual and supragenual anterior cingulate cortex: A combined fMRI-MRS study. <i>Human Brain Mapping</i> , 2011, 32, 2172-2182.	3.6	64
77	Altered temporal variance and neural synchronization of spontaneous brain activity in anesthesia. <i>Human Brain Mapping</i> , 2014, 35, 5368-5378.	3.6	63
78	How do resting state changes in depression translate into psychopathological symptoms? From "Spatiotemporal correspondence" to "Spatiotemporal Psychopathology". <i>Current Opinion in Psychiatry</i> , 2016, 29, 18-24.	6.3	63
79	Abnormal Resting-State Connectivity in a Substantia Nigra-Related Striato-Thalamo-Cortical Network in a Large Sample of First-Episode Drug-Naïve Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 419-431.	4.3	63
80	Is Anorexia Nervosa a Disorder of the Self? A Psychological Approach. <i>Frontiers in Psychology</i> , 2016, 7, 849.	2.1	62
81	Brain Imaging in Catatonia: Current Findings and a Pathophysiologic Model. <i>CNS Spectrums</i> , 2000, 5, 34-46.	1.2	61
82	Abnormal Time Experiences in Major Depression: An Empirical Qualitative Study. <i>Psychopathology</i> , 2017, 50, 125-140.	1.5	61
83	Too Fast or Too Slow? Time and Neuronal Variability in Bipolar Disorder—A Combined Theoretical and Empirical Investigation. <i>Schizophrenia Bulletin</i> , 2018, 44, 54-64.	4.3	61
84	Are intrinsic neural timescales related to sensory processing? Evidence from abnormal behavioral states. <i>NeuroImage</i> , 2021, 226, 117579.	4.2	60
85	The brain and its time: intrinsic neural timescales are key for input processing. <i>Communications Biology</i> , 2021, 4, 970.	4.4	60
86	"Average is good, extremes are bad" Non-linear inverted U-shaped relationship between neural mechanisms and functionality of mental features. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 11-25.	6.1	58
87	Multimodal Magnetic Resonance Imaging Data Fusion Reveals Distinct Patterns of Abnormal Brain Structure and Function in Catatonia. <i>Schizophrenia Bulletin</i> , 2020, 46, 202-210.	4.3	58
88	Self and brain: what is self-related processing?. <i>Trends in Cognitive Sciences</i> , 2011, 15, 186-187.	7.8	57
89	Breakdown in the temporal and spatial organization of spontaneous brain activity during general anesthesia. <i>Human Brain Mapping</i> , 2018, 39, 2035-2046.	3.6	57
90	Altered Brain Long-Range Functional Interactions Underlying the Link Between Aberrant Self-experience and Self-other Relationship in First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 1072-1082.	4.3	56

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91	Decreased neuronal activity in reward circuitry of pathological gamblers during processing of personal relevant stimuli. Human Brain Mapping, 2010, 31, 1802-1812.	3.6	54
92	Lorazepam modulates orbitofrontal signal changes during emotional processing in catatonia. Human Psychopharmacology, 2010, 25, 55-62.	1.5	54
93	Spatiotemporal Psychopathology II: How does a psychopathology of the brain's resting state look like? Spatiotemporal approach and the history of psychopathology. Journal of Affective Disorders, 2016, 190, 867-879.	4.1	54
94	Resting state glutamate predicts elevated pre-stimulus alpha during self-relatedness: A combined EEG-MRS study on "rest-self overlap". Social Neuroscience, 2016, 11, 249-263.	1.3	54
95	Immanuel Kant's mind and the brain's resting state. Trends in Cognitive Sciences, 2012, 16, 356-359.	7.8	53
96	Minding the Brain. , 2014, , .		53
97	Intertrial Variability in the Premotor Cortex Accounts for Individual Differences in Peripersonal Space. Journal of Neuroscience, 2015, 35, 16328-16339.	3.6	52
98	Spatiotemporal neuroscience " what is it and why we need it. Physics of Life Reviews, 2020, 33, 78-87.	2.8	51
99	Are Auditory Hallucinations Related to the Brain's Resting State Activity? A 'Neurophenomenal Resting State Hypothesis'. Clinical Psychopharmacology and Neuroscience, 2014, 12, 189-195.	2.0	51
100	Decreased neural activity in reward circuitry during personal reference in abstinent alcoholics" A fMRI study. Human Brain Mapping, 2009, 30, 1691-1704.	3.6	50
101	Altered Global Signal Topography and Its Different Regional Localization in Motor Cortex and Hippocampus in Mania and Depression. Schizophrenia Bulletin, 2019, 45, 902-910.	4.3	50
102	Temporal hierarchy of intrinsic neural timescales converges with spatial core-periphery organization. Communications Biology, 2021, 4, 277.	4.4	50
103	Attentional modulation of emotional stimulus processing in patients with major depression" Alterations in prefrontal cortical regions. Neuroscience Letters, 2009, 463, 108-113.	2.1	49
104	Altered brain activity during emotional empathy in somatoform disorder. Human Brain Mapping, 2012, 33, 2666-2685.	3.6	48
105	A Neural "Tuning Curve" for Multisensory Experience and Cognitive-Perceptual Schizotypy. Schizophrenia Bulletin, 2017, 43, 801-813.	4.3	48
106	The brain's spontaneous activity and its psychopathological symptoms " "Spatiotemporal binding and integration". Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 80, 81-90.	4.8	48
107	Cortical Contributions to Distinct Symptom Dimensions of Catatonia. Schizophrenia Bulletin, 2019, 45, 1184-1194.	4.3	48
108	Are emotions associated with activity during rest or interoception? An exploratory fMRI study in healthy subjects. Neuroscience Letters, 2011, 491, 87-92.	2.1	47

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109	Brain and self – a neurophilosophical account. Child and Adolescent Psychiatry and Mental Health, 2013, 7, 28.	2.5	47
110	Temporal integration as –common currency– of brain and self –scale–free activity in resting state <scp>EEG</scp> correlates with temporal delay effects on self–relatedness. Human Brain Mapping, 2020, 41, 4355-4374.	3.6	47
111	The Spontaneous Brain. , 2018, , .		47
112	GABA-ergic Modulation of Prefrontal Spatio-temporal Activation Pattern during Emotional Processing: A Combined fMRI/MEG Study with Placebo and Lorazepam. Journal of Cognitive Neuroscience, 2002, 14, 348-370.	2.3	46
113	How to Link Brain and Experience? Spatiotemporal Psychopathology of the Lived Body. Frontiers in Human Neuroscience, 2016, 10, 76.	2.0	45
114	How much is enough–Can resting state fMRI provide a demarcation for neurosurgical resection in glioma?. Neuroscience and Biobehavioral Reviews, 2018, 84, 245-261.	6.1	45
115	Altered Global Brain Signal during Physiologic, Pharmacologic, and Pathologic States of Unconsciousness in Humans and Rats. Anesthesiology, 2020, 132, 1392-1406.	2.5	45
116	Reading direction and culture. Nature Reviews Neuroscience, 2008, 9, 965-965.	10.2	44
117	Resting State Activity and the "Stream of Consciousness" in Schizophrenia–Neurophenomenal Hypotheses. Schizophrenia Bulletin, 2015, 41, 280-290.	4.3	44
118	How spontaneous brain activity and narcissistic features shape social interaction. Scientific Reports, 2017, 7, 9986.	3.3	44
119	Temporo-spatial Theory of Consciousness (TTC) – Bridging the gap of neuronal activity and phenomenal states. Behavioural Brain Research, 2022, 424, 113788.	2.2	44
120	How Is Our Self Altered in Psychiatric Disorders? A Neurophenomenal Approach to Psychopathological Symptoms. Psychopathology, 2014, 47, 365-376.	1.5	43
121	Spontaneous Brain Activity Predicts Task-Evoked Activity During Animate Versus Inanimate Touch. Cerebral Cortex, 2019, 29, 4628-4645.	2.9	43
122	Is schizophrenia a spatiotemporal disorder of the brain's resting state?. World Psychiatry, 2015, 14, 34-35.	10.4	42
123	Abnormal Functional Relationship of Sensorimotor Network With Neurotransmitter-Related Nuclei via Subcortical-Cortical Loops in Manic and Depressive Phases of Bipolar Disorder. Schizophrenia Bulletin, 2020, 46, 163-174.	4.3	42
124	Gene, brains, and environment–genetic neuroimaging of depression. Current Opinion in Neurobiology, 2013, 23, 133-142.	4.2	41
125	Rest-task modulation of fMRI-derived global signal topography is mediated by transient coactivation patterns. PLoS Biology, 2020, 18, e3000733.	5.6	41
126	First-Person Neuroscience: a new methodological approach for linking mental and neuronal states. Philosophy, Ethics, and Humanities in Medicine, 2006, 1, 3.	1.5	40

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127	Spontaneous activity in default-mode network predicts ascription of self-relatedness to stimuli. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 693-702.	3.0	40
128	Personal Identity and Cortical Midline Structure (CMS): Do Temporal Features of CMS Neural Activity Transform Into “Self-Continuity”? <i>Psychological Inquiry</i> , 2017, 28, 122-131.	0.9	40
129	Dissociation as a disorder of integration “On the footsteps of Pierre Janet. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109928.	4.8	40
130	Increase in glutamate/glutamine concentration in the medial prefrontal cortex during mental imagery: A combined functional mrs and fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 3204-3212.	3.6	39
131	Is Our Self Related to Personality? A Neuropsychodynamic Model. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 346.	2.0	39
132	Going Back to Kahlbaum’s Psychomotor (and GABAergic) Origins: Is Catatonia More Than Just a Motor and Dopaminergic Syndrome?. <i>Schizophrenia Bulletin</i> , 2020, 46, 272-285.	4.3	39
133	Patterns of microstructural white matter abnormalities and their impact on cognitive dysfunction in the various phases of type I bipolar disorder. <i>Journal of Affective Disorders</i> , 2016, 193, 39-50.	4.1	38
134	The Self and Its Prolonged Intrinsic Neural Timescale in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 170-179.	4.3	38
135	Reduced Resting-State Functional Connectivity of the Somatosensory Cortex Predicts Psychopathological Symptoms in Women with Bulimia Nervosa. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 270.	2.0	37
136	Disrupted neural variability during propofol-induced sedation and unconsciousness. <i>Human Brain Mapping</i> , 2018, 39, 4533-4544.	3.6	37
137	Self, cortical midline structures and the resting state: Implications for Alzheimer’s disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 245-255.	6.1	36
138	Neuroimaging markers of glutamatergic and GABAergic systems in drug addiction: Relationships to resting-state functional connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 61, 35-52.	6.1	36
139	Is the Sense of Agency in Schizophrenia Influenced by Resting-State Variation in Self-Referential Regions of the Brain?. <i>Schizophrenia Bulletin</i> , 2016, 42, 270-276.	4.3	36
140	Opposing Changes in the Functional Architecture of Large-Scale Networks in Bipolar Mania and Depression. <i>Schizophrenia Bulletin</i> , 2020, 46, 971-980.	4.3	36
141	Reduction of higher-order occipital GABA and impaired visual perception in acute major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 6747-6755.	7.9	36
142	Psychoanalysis and the Brain “Why Did Freud Abandon Neuroscience?. <i>Frontiers in Psychology</i> , 2012, 3, 71.	2.1	35
143	External awareness and GABA-A multimodal imaging study combining fMRI and [¹⁸ F]flumazenil-PET. <i>Human Brain Mapping</i> , 2014, 35, 173-184.	3.6	34
144	Neural activity during interoceptive awareness and its associations with alexithymia – An fMRI study in major depressive disorder and non-psychiatric controls. <i>Frontiers in Psychology</i> , 2015, 6, 589.	2.1	34

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145	Real-time fMRI neurofeedback reduces auditory hallucinations and modulates resting state connectivity of involved brain regions: Part 2: Default mode network -preliminary evidence. <i>Psychiatry Research</i> , 2020, 284, 112770.	3.3	34
146	Dissociation and emotion regulation strategies: A meta-analytic review. <i>Journal of Psychiatric Research</i> , 2021, 143, 370-387.	3.1	34
147	Task-related functional magnetic resonance imaging-based neuronavigation for the treatment of depression by individualized repetitive transcranial magnetic stimulation of the visual cortex. <i>Science China Life Sciences</i> , 2021, 64, 96-106.	4.9	33
148	Dynamic relationships between spontaneous and evoked electrophysiological activity. <i>Communications Biology</i> , 2021, 4, 741.	4.4	33
149	Insula shows abnormal task-evoked and resting-state activity in first-episode drug-naïve generalized anxiety disorder. <i>Depression and Anxiety</i> , 2020, 37, 632-644.	4.1	32
150	Out-of-step: brain-heart desynchronization in anxiety disorders. <i>Molecular Psychiatry</i> , 2021, 26, 1726-1737.	7.9	31
151	Anxiety Disorders and the Brain's Resting State Networks: From Altered Spatiotemporal Synchronization to Psychopathological Symptoms. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1191, 71-90.	1.6	31
152	Principles of Neuronal Integration and Defense Mechanisms: Neuropsychoanalytic Hypothesis. <i>Neuropsychoanalysis</i> , 2006, 8, 69-84.	0.7	30
153	“Paradox of slow frequencies” Are slow frequencies in upper cortical layers a neural predisposition of the level/state of consciousness (NPC)? <i>Consciousness and Cognition</i> , 2017, 54, 20-35.	1.5	30
154	White matter microstructure alterations correlate with terminally differentiated CD8+ effector T cell depletion in the peripheral blood in mania: Combined DTI and immunological investigation in the different phases of bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 192-204.	4.1	30
155	Intrinsic brain activity of subcortical-cortical sensorimotor system and psychomotor alterations in schizophrenia and bipolar disorder: A preliminary study. <i>Schizophrenia Research</i> , 2020, 218, 157-165.	2.0	30
156	Overcoming Rest’s “Task Divide” Abnormal Temporospatial Dynamics and Its Cognition in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 751-765.	4.3	29
157	Neural variability quenching during decision-making: Neural individuality and its prestimulus complexity. <i>NeuroImage</i> , 2019, 192, 1-14.	4.2	28
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