

# Georg Northoff

## List of Publications by Citations

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299  
papers

14,912  
citations

60  
h-index

116  
g-index

320  
ext. papers

17,846  
ext. citations

5.2  
avg, IF

7.33  
L-index

#	Paper	IF	Citations
299	Self-referential processing in our brain--a meta-analysis of imaging studies on the self. <i>NeuroImage</i> , <b>2006</b> , 31, 440-57	7.9	1959
298	Cortical midline structures and the self. <i>Trends in Cognitive Sciences</i> , <b>2004</b> , 8, 102-7	14	1141
297	Is there a core neural network in empathy? An fMRI based quantitative meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2011</b> , 35, 903-11	9	588
296	How is our self related to midline regions and the default-mode network?. <i>NeuroImage</i> , <b>2011</b> , 57, 1221-33	9	577
295	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> , <b>2008</b> , 63, 369-76	7.9	391
294	Culture-sensitive neural substrates of human cognition: a transcultural neuroimaging approach. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 646-54	13.5	387
293	GABA concentrations in the human anterior cingulate cortex predict negative BOLD responses in fMRI. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 1515-7	25.5	289
292	A cultural neuroscience approach to the biosocial nature of the human brain. <i>Annual Review of Psychology</i> , <b>2013</b> , 64, 335-59	26.1	279
291	What catatonia can tell us about "top-down modulation": a neuropsychiatric hypothesis. <i>Behavioral and Brain Sciences</i> , <b>2002</b> , 25, 555-77; discussion 578-604	0.9	275
290	Altered negative BOLD responses in the default-mode network during emotion processing in depressed subjects. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 932-43	8.7	262
289	Increased self-focus in major depressive disorder is related to neural abnormalities in subcortical-cortical midline structures. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 2617-27	5.9	203
288	Reciprocal modulation and attenuation in the prefrontal cortex: an fMRI study on emotional-cognitive interaction. <i>Human Brain Mapping</i> , <b>2004</b> , 21, 202-12	5.9	200
287	Rest-stimulus interaction in the brain: a review. <i>Trends in Neurosciences</i> , <b>2010</b> , 33, 277-84	13.3	197
286	The trans-species concept of self and the subcortical-cortical midline system. <i>Trends in Cognitive Sciences</i> , <b>2008</b> , 12, 259-64	14	166
285	The 'resting-state hypothesis' of major depressive disorder-a translational subcortical-cortical framework for a system disorder. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2011</b> , 35, 1929-45	9	161
284	Segregated neural representation of distinct emotion dimensions in the prefrontal cortex-an fMRI study. <i>NeuroImage</i> , <b>2006</b> , 30, 325-40	7.9	157
283	Psychopathology and pathophysiology of the self in depression - neuropsychiatric hypothesis. <i>Journal of Affective Disorders</i> , <b>2007</b> , 104, 1-14	6.6	146

282	How can the brain's resting state activity generate hallucinations? A 'resting state hypothesis' of auditory verbal hallucinations. <i>Schizophrenia Research</i> , <b>2011</b> , 127, 202-14	3.6	145
281	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> , <b>2016</b> , 113, 4824-9	11.5	135
280	Associations of regional GABA and glutamate with intrinsic and extrinsic neural activity in humans—review of multimodal imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 47, 36-52	9	126
279	Is our self nothing but reward?. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 1019-25	7.9	125
278	Catatonia as a psychomotor syndrome: a rating scale and extrapyramidal motor symptoms. <i>Movement Disorders</i> , <b>1999</b> , 14, 404-16	7	125
277	Brain pathology in pedophilic offenders: evidence of volume reduction in the right amygdala and related diencephalic structures. <i>Archives of General Psychiatry</i> , <b>2007</b> , 64, 737-46		122
276	Is subcortical-cortical midline activity in depression mediated by glutamate and GABA? A cross-species translational approach. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2010</b> , 34, 592-605	9	115
275	Differential parametric modulation of self-relatedness and emotions in different brain regions. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 369-82	5.9	111
274	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. <i>NeuroImage</i> , <b>2006</b> , 30, 588-600	7.9	108
273	How do the brain's time and space mediate consciousness and its different dimensions? Temporo-spatial theory of consciousness (TTC). <i>Neuroscience and Biobehavioral Reviews</i> , <b>2017</b> , 80, 630-645	9.5	98
272	Orbitofrontal cortical dysfunction in akinetic catatonia: a functional magnetic resonance imaging study during negative emotional stimulation. <i>Schizophrenia Bulletin</i> , <b>2004</b> , 30, 405-27	1.3	97
271	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. <i>Cognitive Neuroscience</i> , <b>2016</b> , 7, 203-22	1.7	96
270	Brain imaging of the self--conceptual, anatomical and methodological issues. <i>Consciousness and Cognition</i> , <b>2011</b> , 20, 52-63	2.6	96
269	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> , <b>2009</b> , 4, e8429	3.7	95
268	The association of interoceptive awareness and alexithymia with neurotransmitter concentrations in insula and anterior cingulate. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 857-63	4	94
267	Abnormal body perception and neural activity in the insula in depression: an fMRI study of the depressed "material me". <i>World Journal of Biological Psychiatry</i> , <b>2010</b> , 11, 538-49	3.8	92
266	Pedophilia is linked to reduced activation in hypothalamus and lateral prefrontal cortex during visual erotic stimulation. <i>Biological Psychiatry</i> , <b>2007</b> , 62, 698-701	7.9	86
265	GABA in the insula - a predictor of the neural response to interoceptive awareness. <i>NeuroImage</i> , <b>2014</b> , 86, 10-8	7.9	84

264	The Educational Benefits of Self-Related Information Processing <b>2019</b> , 15-35		83
263	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 12932-46	6.6	81
262	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 1110-23	1.3	81
261	Reduced negative BOLD responses in the default-mode network and increased self-focus in depression. <i>World Journal of Biological Psychiatry</i> , <b>2011</b> , 12, 627-37	3.8	81
260	How does our brain constitute defense mechanisms? First-person neuroscience and psychoanalysis. <i>Psychotherapy and Psychosomatics</i> , <b>2007</b> , 76, 141-53	9.4	80
259	Why are cortical GABA neurons relevant to internal focus in depression? A cross-level model linking cellular, biochemical and neural network findings. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 966-977	15.1	79
258	Methodological Problems on the Way to Integrative Human Neuroscience. <i>Frontiers in Integrative Neuroscience</i> , <b>2016</b> , 10, 41	3.2	79
257	Functional connectivity and neuronal variability of resting state activity in bipolar disorder--reduction and decoupling in anterior cortical midline structures. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 666-82	5.9	78
256	Spatiotemporal psychopathology I: No rest for the brain's resting state activity in depression? Spatiotemporal psychopathology of depressive symptoms. <i>Journal of Affective Disorders</i> , <b>2016</b> , 190, 854-866	6.6	77
255	Dissociation between anterior and posterior cortical regions during self-specificity and familiarity: a combined fMRI-meta-analytic study. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 154-64	5.9	77
254	Neuropsychanalysis in practice <b>2011</b> ,		76
253	How do abnormalities in the brain'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> , <b>2016</b> , 145-146, 26-45	10.9	75
252	A comparison of neural responses to appetitive and aversive stimuli in humans and other mammals. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 45, 350-68	9	73
251	The self and its resting state in consciousness: an investigation of the vegetative state. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 1997-2008	5.9	72
250	Opposite effects of dopamine and serotonin on resting-state networks: review and implications for psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 82-93	15.1	72
249	The temporal structure of resting-state brain activity in the medial prefrontal cortex predicts self-consciousness. <i>Neuropsychologia</i> , <b>2016</b> , 82, 161-170	3.2	68
248	Identifying a network of brain regions involved in aversion-related processing: a cross-species translational investigation. <i>Frontiers in Integrative Neuroscience</i> , <b>2011</b> , 5, 49	3.2	68
247	The brain and its resting state activity--experimental and methodological implications. <i>Progress in Neurobiology</i> , <b>2010</b> , 92, 593-600	10.9	68

246	What Can Different Motor Circuits Tell Us About Psychosis? An RDoC Perspective. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 949-955	1.3	67
245	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> , <b>2017</b> , 27, 1037-1059	5.1	67
244	Glutamate concentration in the medial prefrontal cortex predicts resting-state cortical-subcortical functional connectivity in humans. <i>PLoS ONE</i> , <b>2013</b> , 8, e60312	3.7	65
243	Common brain activations for painful and non-painful aversive stimuli. <i>BMC Neuroscience</i> , <b>2012</b> , 13, 60	3.2	64
242	Differential alterations of resting-state functional connectivity in generalized anxiety disorder and panic disorder. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 1459-73	5.9	64
241	Is temporo-spatial dynamics the "common currency" of brain and mind? In Quest of "Spatiotemporal Neuroscience". <i>Physics of Life Reviews</i> , <b>2020</b> , 33, 34-54	2.1	63
240	NMDA hypofunction in the posterior cingulate as a model for schizophrenia: an exploratory ketamine administration study in fMRI. <i>Schizophrenia Research</i> , <b>2005</b> , 72, 235-48	3.6	61
239	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , <b>2016</b> , 124, 693-703	7.9	60
238	Distinction between Externally vs. Internally Guided Decision-Making: Operational Differences, Meta-Analytical Comparisons and Their Theoretical Implications. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 31	5.1	60
237	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> , <b>2015</b> , 36, 4622-37	5.9	59
236	How are different neural networks related to consciousness?. <i>Annals of Neurology</i> , <b>2015</b> , 78, 594-605	9.4	59
235	What the brain's intrinsic activity can tell us about consciousness? A tri-dimensional view. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 726-38	9	57
234	Overview of potential procedural and participant-related confounds for neuroimaging of the resting state. <i>Journal of Psychiatry and Neuroscience</i> , <b>2013</b> , 38, 84-96	4.5	53
233	The temporal signature of self: Temporal measures of resting-state EEG predict self-consciousness. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 789-803	5.9	53
232	Involvement of glutamate in rest-stimulus interaction between perigenual and supragenual anterior cingulate cortex: a combined fMRI-MRS study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 2172-82	5.9	52
231	Altered temporal variance and neural synchronization of spontaneous brain activity in anesthesia. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 5368-78	5.9	50
230	Resting-state EEG power predicts conflict-related brain activity in internally guided but not in externally guided decision-making. <i>NeuroImage</i> , <b>2013</b> , 66, 9-21	7.9	50
229	Decreased neural activity in reward circuitry during personal reference in abstinent alcoholics--a fMRI study. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 1691-704	5.9	47

228	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> , <b>2018</b> , 44, 419-431	1.3	46
227	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> , <b>2014</b> , 4, 242-55	2.7	45
226	Attentional modulation of emotional stimulus processing in patients with major depression--alterations in prefrontal cortical regions. <i>Neuroscience Letters</i> , <b>2009</b> , 463, 108-13	3.3	45
225	Intertrial Variability in the Premotor Cortex Accounts for Individual Differences in Peripersonal Space. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 16328-39	6.6	44
224	Decreased neuronal activity in reward circuitry of pathological gamblers during processing of personal relevant stimuli. <i>Human Brain Mapping</i> , <b>2010</b> , 31, 1802-12	5.9	44
223	GABA-ergic modulation of prefrontal spatio-temporal activation pattern during emotional processing: a combined fMRI/MEG study with placebo and lorazepam. <i>Journal of Cognitive Neuroscience</i> , <b>2002</b> , 14, 348-70	3.1	44
222	All roads lead to the motor cortex: psychomotor mechanisms and their biochemical modulation in psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 92-102	15.1	44
221	Resting state glutamate predicts elevated pre-stimulus alpha during self-relatedness: A combined EEG-MRS study on "rest-self overlap". <i>Social Neuroscience</i> , <b>2016</b> , 11, 249-63	2	43
220	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> , <b>2015</b> , 9, 82	3.5	43
219	Neuroimaging the consciousness of self: Review, and conceptual-methodological framework. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 112, 164-212	9	43
218	Self and brain: what is self-related processing?. <i>Trends in Cognitive Sciences</i> , <b>2011</b> , 15, 186-7; author reply 187-8	14	43
217	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> , <b>2014</b> , 40, 1072-82	1.3	42
216	Are emotions associated with activity during rest or interoception? An exploratory fMRI study in healthy subjects. <i>Neuroscience Letters</i> , <b>2011</b> , 491, 87-92	3.3	42
215	Brain imaging in catatonia: current findings and a pathophysiologic model. <i>CNS Spectrums</i> , <b>2000</b> , 5, 34-46.8	4.8	42
214	Spatiotemporal Psychopathology II: How does a psychopathology of the brain's resting state look like? Spatiotemporal approach and the history of psychopathology. <i>Journal of Affective Disorders</i> , <b>2016</b> , 190, 867-879	6.6	41
213	All roads lead to the default-mode network-global source of DMN abnormalities in major depressive disorder. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 2058-2069	8.7	41
212	Too Fast or Too Slow? Time and Neuronal Variability in Bipolar Disorder-A Combined Theoretical and Empirical Investigation. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 54-64	1.3	40
211	Immanuel Kant's mind and the brain's resting state. <i>Trends in Cognitive Sciences</i> , <b>2012</b> , 16, 356-9	14	40

210	Altered brain activity during emotional empathy in somatoform disorder. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 2666-85	5.9	40
209	Minding the Brain <b>2014</b> ,		40
208	A Neural "Tuning Curve" for Multisensory Experience and Cognitive-Perceptual Schizotypy. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 801-813	1.3	39
207	Neural signs and mechanisms of consciousness: Is there a potential convergence of theories of consciousness in sight?. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 118, 568-587	9	39
206	Is Anorexia Nervosa a Disorder of the Self? A Psychological Approach. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 849	3.4	39
205	Resting state activity and the "stream of consciousness" in schizophrenia--neurophenomenal hypotheses. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 280-90	1.3	38
204	Are Auditory Hallucinations Related to the Brain's Resting State Activity? A 'Neurophenomenal Resting State Hypothesis'. <i>Clinical Psychopharmacology and Neuroscience</i> , <b>2014</b> , 12, 189-95	3.4	38
203	The brain's spontaneous activity and its psychopathological symptoms - "Spatiotemporal binding and integration". <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 80, 81-90	5.5	36
202	Unlocking the Brain <b>2013</b> ,		36
201	Abnormal Time Experiences in Major Depression: An Empirical Qualitative Study. <i>Psychopathology</i> , <b>2017</b> , 50, 125-140	3.4	35
200	Lorazepam modulates orbitofrontal signal changes during emotional processing in catatonia. <i>Human Psychopharmacology</i> , <b>2010</b> , 25, 55-62	2.3	35
199	First-Person Neuroscience: a new methodological approach for linking mental and neuronal states. <i>Philosophy, Ethics, and Humanities in Medicine</i> , <b>2006</b> , 1, E3	2.2	35
198	Breakdown in the temporal and spatial organization of spontaneous brain activity during general anesthesia. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2035-2046	5.9	34
197	Spontaneous activity in default-mode network predicts ascription of self-relatedness to stimuli. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 693-702	4	34
196	Gene, brains, and environment-genetic neuroimaging of depression. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 133-42	7.6	34
195	Is schizophrenia a spatiotemporal disorder of the brain's resting state?. <i>World Psychiatry</i> , <b>2015</b> , 14, 34-5	14.4	34
194	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> , <b>2015</b> , 36, 3204-12	5.9	34
193	How is our self altered in psychiatric disorders? A neurophenomenal approach to psychopathological symptoms. <i>Psychopathology</i> , <b>2014</b> , 47, 365-76	3.4	34

192	Reading direction and culture. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 965-965	13.5	34
191	The Spontaneous Brain <b>2018</b> ,		34
190	How do resting state changes in depression translate into psychopathological symptoms? From 'Spatiotemporal correspondence' to 'Spatiotemporal Psychopathology'. <i>Current Opinion in Psychiatry</i> , <b>2016</b> , 29, 18-24	4.9	34
189	Linking bodily, environmental and mental states in the self-A three-level model based on a meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 115, 77-95	9	33
188	Philosophy of the Brain. <i>Advances in Consciousness Research</i> , <b>2004</b> ,		33
187	Multimodal Magnetic Resonance Imaging Data Fusion Reveals Distinct Patterns of Abnormal Brain Structure and Function in Catatonia. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 202-210	1.3	32
186	How much is enough-Can resting state fMRI provide a demarcation for neurosurgical resection in glioma?. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 84, 245-261	9	30
185	Altered Global Signal Topography and Its Different Regional Localization in Motor Cortex and Hippocampus in Mania and Depression. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 902-910	1.3	29
184	Personal Identity and Cortical Midline Structure (CMS): Do Temporal Features of CMS Neural Activity Transform Into Self-Continuity? <i>Psychological Inquiry</i> , <b>2017</b> , 28, 122-131	2	28
183	Principles of Neuronal Integration and Defense Mechanisms: Neuropsychanalytic Hypothesis. <i>Neuropsychanalysis</i> , <b>2006</b> , 8, 69-84	0.8	28
182	How to Link Brain and Experience? Spatiotemporal Psychopathology of the Lived Body. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 76	3.3	28
181	Cortical Contributions to Distinct Symptom Dimensions of Catatonia. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1184-1194	1.3	27
180	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> , <b>2016</b> , 193, 39-50	6.6	27
179	Neuroimaging markers of glutamatergic and GABAergic systems in drug addiction: Relationships to resting-state functional connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 61, 35-52	9	27
178	"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> , <b>2019</b> , 104, 11-25	9	27
177	How spontaneous brain activity and narcissistic features shape social interaction. <i>Scientific Reports</i> , <b>2017</b> , 7, 9986	4.9	27
176	External awareness and GABA--a multimodal imaging study combining fMRI and [18F]flumazenil-PET. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 173-84	5.9	26
175	Self, cortical midline structures and the resting state: Implications for Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 68, 245-255	9	26



174	Going Back to Kahlbaum's Psychomotor (and GABAergic) Origins: Is Catatonia More Than Just a Motor and Dopaminergic Syndrome?. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 272-285	1.3	25
173	Reduced resting-state functional connectivity of the somatosensory cortex predicts psychopathological symptoms in women with bulimia nervosa. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 270	3.5	25
172	Psychoanalysis and the brain - why did freud abandon neuroscience?. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 71	3.4	25
171	Temporal integration as "common currency" of brain and self-scale-free activity in resting-state EEG correlates with temporal delay effects on self-relatedness. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 4355-4374	5.9	25
170	Is Our Self Related to Personality? A Neuropsychodynamic Model. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 346	3.3	25
169	Spontaneous Brain Activity Predicts Task-Evoked Activity During Animate Versus Inanimate Touch. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 4628-4645	5.1	24
168	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> , <b>2015</b> , 6, 589	3.4	24
167	The Degree of Early Life Stress Predicts Decreased Medial Prefrontal Activations and the Shift from Internally to Externally Guided Decision Making: An Exploratory NIRS Study during Resting State and Self-Oriented Task. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 339	3.3	22
166	Is the Sense of Agency in Schizophrenia Influenced by Resting-State Variation in Self-Referential Regions of the Brain?. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 270-6	1.3	21
165	Disrupted neural variability during propofol-induced sedation and unconsciousness. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4533-4544	5.9	21
164	Abnormal Functional Relationship of Sensorimotor Network With Neurotransmitter-Related Nuclei via Subcortical-Cortical Loops in Manic and Depressive Phases of Bipolar Disorder. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 163-174	1.3	20
163	Spatiotemporal neuroscience - what is it and why we need it. <i>Physics of Life Reviews</i> , <b>2020</b> , 33, 78-87	2.1	19
162	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> , <b>2020</b> , 284, 112770	9.9	19
161	Unlocking the Brain <b>2013</b> ,		19
160	Altered Global Brain Signal during Physiologic, Pharmacologic, and Pathologic States of Unconsciousness in Humans and Rats. <i>Anesthesiology</i> , <b>2020</b> , 132, 1392-1406	4.3	19
159	The Self and Its Prolonged Intrinsic Neural Timescale in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 170-179	1.3	19
158	What is neuroethics? Empirical and theoretical neuroethics. <i>Current Opinion in Psychiatry</i> , <b>2009</b> , 22, 565-9	4.9	18
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17	Is free will an observer-based concept rather than a brain-based one? A critical neuroepistemological account 27-43		
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