RESEARCH & PUBLICATIONS

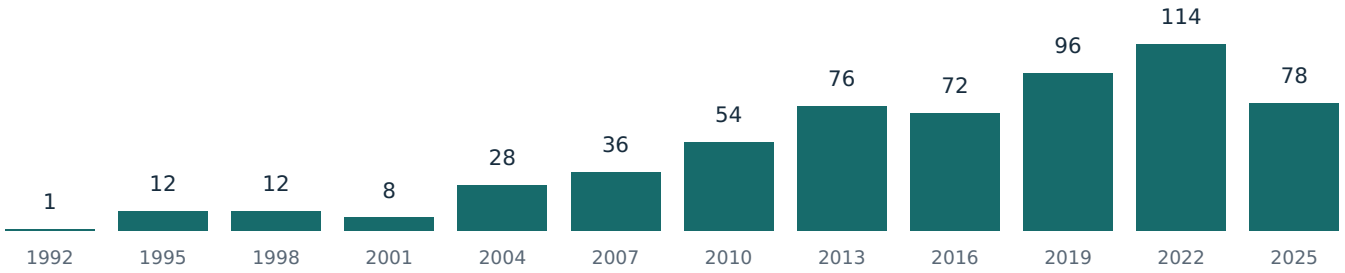
Georg Northoff Frcpc

A publication record at a glance

587	31,832	89
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

Self-Referential Processing in Our Brain—A Meta-Analysis of Imaging Studies on the Self — 2,609
2006 NeuroImage

Cortical Midline Structures and the Self — 1,396
2004 Trends in Cognitive Sciences

Is There a Core Neural Network in Empathy? An fMRI Based Quantitative Meta-Analysis — 835
2011 Neuroscience and Biobehavioral Reviews

This publication list was generated automatically from the exaly database without manual editing. It reflects the database records available when the document was created.

For the latest record and an updated publication list, visit the author profile:

https://exaly.com/author/4902348

Document version: 2026-11-23 (UTC) | Database snapshot: 2026-11-21

Ordered by publication year, newest first

2027

01 The Dynamics of Human and AI-Generated Language: How Semantic Content Fluctuates Across Different Timescales

Computer Speech and Language · 101, 102013

https://exaly.com/article/214568123

0 citations

2026

02 Phase Dynamics as Bridge Between Thought and Behavior

Journal of Cognitive Neuroscience · 38, 1-19

https://exaly.com/article/207608908

1 citations

03 Intrinsic Neural Timescales Shape Memory Encoding and Retrieval

NeuroImage · 325, 121634

https://exaly.com/article/207915925

1 citations

04 Temporal Signatures of Thought—Neurodynamics Distinguish On- and Off-Task Thoughts

Communications Biology · 9, 437

https://exaly.com/article/210547248

0 citations

05 Perceptual Ambiguity of the Self - Dynamics Connect Brain and Behaviour

NeuroImage · 329, 121839

https://exaly.com/article/211081017

0 citations

06 Temporal EEG Signatures of Meditation Experience: Peak Brainwave Changes at 7 Minutes During Isha Yoga Breath Watching

Mindfulness · 17, 762-778

https://exaly.com/article/211711122

2 citations

07 A Systematic Review of How Cardiopulmonary Bypass Parameters Influence Electroencephalogram Signals

Brain Sciences · 16, 412

https://exaly.com/article/212649261

0 citations

08 Shared and Distinct Time-Space Experiences Along the Psychotic-Affective Continuum

Schizophrenia Bulletin

https://exaly.com/article/213228499

1 citations

09 What Physics Offers for Artificial Intelligence? Lessons From the Brain’s Inner Time and Its Dynamics

Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences

https://exaly.com/article/213813920

0 citations

Ordered by publication year, newest first

2026 / continued

10 **Non-Duality in Brain and Experience of Advanced Meditators—Key Role for Intrinsic Neural Timescales**
Communications Biology · 9, 1261
https://exaly.com/article/214859730
1 citations

11 **Dynamics of Thoughts-Novel Candidate Marker for Differential-Diagnosis of Mental Disorders?**
Journal of Psychiatry and Neuroscience · 51, 1-9
https://exaly.com/article/215607438
0 citations

12 **Neurodynamic Profiles in the Alpha Band Distinguish Different Forms of Meditation**
Neuroscience of Consciousness · 2026, niag036
https://exaly.com/article/215790227
0 citations

13 **Subjective Space and Time Experience in Schizophrenia Spectrum Disorders and Mood Disorders: Psychometric Properties and Clinical Correlates of the Semi-Structured STEP Interview**
Schizophrenia Research · 296, 208-217
https://exaly.com/article/216386629
1 citations

14 **Loops All the Way Up: Recurrency as an Implementation-First Primitive for Consciousness**
Physics of Life Reviews · 58, 360-381
https://exaly.com/article/216424570
0 citations

15 **Impaired Low-Frequency Temporal Prediction Links to Psychomotor Dysfunction in Depression**
Journal of Psychiatric Research · 201, 706-713
https://exaly.com/article/216622793
0 citations

16 **Chinese Versions of the Northoff Catatonia Rating Scale and the Northoff Scale for Subjective Experience in Catatonia**
Asian Journal of Psychiatry · 123, 105107
https://exaly.com/article/216698726
2 citations

17 **Schizophrenia: Temporal Imprecision in Phase, Time, and Frequency Domains**
Schizophrenia · 12, 77
https://exaly.com/article/217064549
0 citations

18 **Evolutionary Reorganization of the Self-Processing Network Across Primates**
Journal of Neuroscience
https://exaly.com/article/217897860
0 citations

Ordered by publication year, newest first

2026 / continued

19 Visual Dysfunction and Psychosis: A Systematic Review and Meta-Analysis
Schizophrenia Research · 297, 353-374
https://exaly.com/article/218201556
0 citations

20 Phase Dynamics Shape Thought Dynamics – Oscillatory Model of Thought
Physics of Life Reviews · 59, 173-198
https://exaly.com/article/227478775
0 citations

21 The Self and Its Domain-Independence – A Global Topographic View
Journal unavailable
https://exaly.com/article/229089215
0 citations

22 Microgenetic Theory Meets Spatiotemporal Neuroscience: Situating the Neurodaonamic Psychotherapy Framewdork in Process Neuroscience
Acta Neuropsychologica · 24, 631-642
https://exaly.com/article/229143184
0 citations

2025

23 Parkinsonism, Psychomotor Slowing, Negative and Depressive Symptoms in Schizophrenia Spectrum and Mood Disorders: Exploring Their Intricate Nexus Using a Network Analytic Approach
Schizophrenia Bulletin · 51, 556-570
https://exaly.com/article/184934648
16 citations

24 How to (Not) Decide About the Motor vs Psychomotor Origin of Psychomotor Disturbances in Depression
Molecular Psychiatry · 30, 1-3
https://exaly.com/article/193324320
1 citations

25 Personal Brain and Spatiotemporal Psychopathology - Intrinsic vs. Extrinsic Sources of Interindividual Variability
Molecular Psychiatry · 30, 1-3
https://exaly.com/article/193794888
3 citations

26 Connecting Brain and Mind Through Temporo-Spatial Dynamics: Towards a Theory of Common Currency
Physics of Life Reviews · 52, 29-43
https://exaly.com/article/194825008
32 citations

27 Subjective Experience, Psychosocial Functioning and Different Psychomotor Clusters in Catatonia: How Are They Connected?
Biomarkers in Neuropsychiatry · 12, 100113
https://exaly.com/article/194991998
5 citations

Ordered by publication year, newest first

2025 / continued

28 **Deciphering White Matter Microstructural Alterations in Catatonia According to ICD-11: Replication and Machine Learning Analysis**
15 citations
Molecular Psychiatry · 30, 1-13
https://exaly.com/article/195211777

29 **Time Perception in Bipolar Disorder: A Systematic Review**
7 citations
Acta Neuropsychiatrica · 37, e5
https://exaly.com/article/197065267

30 **Shorter and Inflexible Intrinsic Neural Timescales of the Self in Schizophrenia**
11 citations
Journal of Psychiatry and Neuroscience · 50, E57-E66
https://exaly.com/article/197074574

31 **The Self in Depression and Anxiety as a Transdiagnostic and Differential-Diagnostic Neural Marker: A Systematic Review**
7 citations
Neuroscience and Biobehavioral Reviews · 169, 106034
https://exaly.com/article/197161091

32 **Sensori- and Psychomotor Abnormalities, Psychopathological Symptoms and Functionality in Schizophrenia-Spectrum Disorders: A Network Analytic Approach**
9 citations
Schizophrenia · 11, 1-13
https://exaly.com/article/197710935

33 **Altered Spatiotemporal Brain Dynamics of Interoception in Behavioural-Variant Frontotemporal Dementia**
14 citations
EBioMedicine · 113, 105614
https://exaly.com/article/198059559

34 **From Pre-Stimulus Activity to the Contents of Consciousness – A Spatiotemporal View: Reply to Comments on “Beyond Task Response-Pre-Stimulus Activity Modulates Contents of Consciousness”**
3 citations
Physics of Life Reviews · 53, 76-90
https://exaly.com/article/198195831

35 **What Constitutes the Personal Space in Schizophrenia? Converging Subjective Experience, Brain, and Social Environment**
1 citations
Schizophrenia Bulletin · 51, 574-577
https://exaly.com/article/198654948

36 **Brain Paradox – Timescales Matter! Comment on “the Paradox of the Self-Studying Brain” by S.Battaglia, P. Servajean & K. Friston**
2 citations
Physics of Life Reviews · 53, 184-186
https://exaly.com/article/198672498

Ordered by publication year, newest first

2025 / continued

37 The Lifelong Nonlinear Development of Spatial Variability of Brain Signals
Communications Biology · 8, 500
https://exaly.com/article/199250591
1 citations

38 How to Involve Society Into the Ethics of Non-Invasive Brain Stimulation? Strategies for Broader Participation of Stakeholders
Technology in Society · 82, 102890
https://exaly.com/article/199368496
3 citations

39 Bridging the Gap of Brain and Experience – Converging Neurophenomenology With Spatiotemporal Neuroscience
Neuroscience and Biobehavioral Reviews · 173, 106139
https://exaly.com/article/199581504
22 citations

40 The Brain's Internal Echo: Longer Timescales, Stronger Recurrent Connections and Higher Neural Excitation in Self Regions
NeuroImage · 312, 121221
https://exaly.com/article/199602162
5 citations

41 From Neural Activity to Behavioral Engagement: Temporal Dynamics as Their "Common Currency" During Music
NeuroImage · 312, 121209
https://exaly.com/article/200004904
6 citations

42 The Default Mode Network and Inner Time Consciousness
Current Opinion in Behavioral Sciences · 63, 101524
https://exaly.com/article/200150890
4 citations

43 Time-Dependent Scale-Free Brain Dynamics During Naturalistic Inputs
NeuroImage · 314, 121255
https://exaly.com/article/200744562
7 citations

44 Gait Examination in Catatonia Using 3D Optical Markerless Motion Tracking
Schizophrenia Research · 281, 249-259
https://exaly.com/article/201354687
6 citations

45 Task Difficulty Modulates the Effect of Mind Wandering on Phase Dynamics
Proceedings of the National Academy of Sciences of the United States of America · 122, e2416387122
https://exaly.com/article/201448534
10 citations

46 The Self and Its Intersubjective Synchrony in Psychotherapy: A Systematic Review
Clinical Psychology and Psychotherapy · 32, e70110
https://exaly.com/article/202510638
7 citations

Ordered by publication year, newest first

2025 / continued

47 **Reduced Intrinsic Neural Timescales and Their Relationship to Global Network Connectivity in Depression**
Journal of Affective Disorders · 390, 119775
https://exaly.com/article/202520167
9 citations

48 **Brain Dynamics Shape Cognition–Spatiotemporal Neuroscience**
Physics of Life Reviews · 54, 173-201
https://exaly.com/article/202944077
11 citations

49 **Infra-Slow Scale-Free Dynamics Modulate the Connection of Neural and Behavioral Variability During Attention**
Communications Biology · 8, 1057
https://exaly.com/article/202988857
8 citations

50 **Management and Treatment of Catatonia**
Journal unavailable
https://exaly.com/article/203273387
0 citations

51 **Different Conceptual Frameworks of Catatonia**
Journal unavailable
https://exaly.com/article/203273888
0 citations

52 **Historical Origins of Catatonia**
Journal unavailable
https://exaly.com/article/203275416
0 citations

53 **Foreword**
Journal unavailable
https://exaly.com/article/203275418
0 citations

54 **Preface**
Journal unavailable
https://exaly.com/article/203276419
0 citations

55 **Clinical Manifestation, Complexity of Catatonic Symptoms, Differential Diagnoses, and Potential Somatic Consequences**
Journal unavailable
https://exaly.com/article/203277454
0 citations

56 **Brain Networks Underlying Catatonia**
Journal unavailable
https://exaly.com/article/203277744
0 citations

Ordered by publication year, newest first

2025 / continued

57 **Foreword**
Journal unavailable
https://exaly.com/article/203278306
0 citations

58 **Clinical, Laboratory, and Neuroimaging Assessments Relevant for the Diagnostic Work-Up of Catatonia**
Journal unavailable
https://exaly.com/article/203279562
0 citations

59 **Outcome and Course of Catatonia**
Journal unavailable
https://exaly.com/article/203279563
0 citations

60 **Epidemiology of Catatonia**
Journal unavailable
https://exaly.com/article/203280680
0 citations

61 **Breaking New Ground: Novel Approaches to Understanding Catatonia and the Brain–Mind Relationship**
Journal unavailable
https://exaly.com/article/203281867
0 citations

62 **Phenomenology and Subjective Experience of Catatonia: Clinical Cases**
Journal unavailable
https://exaly.com/article/203284707
0 citations

63 **Catatonia: A Practical Guide to a Clinical and Scientific Conundrum**
Journal unavailable
https://exaly.com/article/203287992
2 citations

64 **Most Common Neuroinflammatory Origins of Catatonia**
Journal unavailable
https://exaly.com/article/203289288
0 citations

65 **For a Choreography of Emotions: Spatiotemporal Phenomenology**
Psychopathology · 58, 347-365
https://exaly.com/article/203326709
3 citations

66 **Increased Intra-Subject Variability in Reward Behavior Relates to Symptom Severity in Schizophrenia**
Schizophrenia · 11, 108
https://exaly.com/article/203580479
1 citations

Ordered by publication year, newest first

2025 / continued

67 From Slow Spontaneous Oscillations to Consciousness – Dynamic Layer Model of Brain (DLB). Comment on “Dark Brain Energy: Toward an Integrative Model of Spontaneous Slow Oscillations” by Zhu-Qing Gong and Xi-Nian Zuo

Physics of Life Reviews · 54, 169-172

https://exaly.com/article/203678411

2 citations

68 Temporal Imprecision and Its Dynamics in Schizophrenia

Translational Psychiatry · 15, 279

https://exaly.com/article/203841725

13 citations

69 The Anterior-Posterior Gradient of the Fusiform Gyrus Modulates the Transition Between Mnemonic and Perceptual Features During Reminiscences

Nature Communications · 16, 7505

https://exaly.com/article/203855146

3 citations

70 A Call for Conceptual Clarity: “Emotion” as an Umbrella Term Did Not Work—Let’s Narrow It Down

Brain Sciences · 15, 929

https://exaly.com/article/204456485

4 citations

71 Distinct Timescales Dissociate Spontaneous Thought Dimensions

Proceedings of the National Academy of Sciences of the United States of America · 122, e2427088122

https://exaly.com/article/205052858

7 citations

72 Dynamic Topographies of Intrinsic Neural Timescales: A Key Role for Consciousness

Computers in Biology and Medicine · 197, 111102

https://exaly.com/article/205145158

2 citations

73 Intrinsic Neural Timescales Relate to Event-Related Activity – Key Role for Intracolumnar Connections

Journal of Neuroscience · 45, e0896252025

https://exaly.com/article/205727351

3 citations

74 It's About Time—Breathing Dynamics Modulate Emotion and Cognition

Psychophysiology · 62, e70149

https://exaly.com/article/206013063

6 citations

75 From Speech Semantics to Brain Activity—Timescales Are Key in Their Information Transfer

Human Brain Mapping · 46, e70379

https://exaly.com/article/206365942

1 citations

Ordered by publication year, newest first

2025 / continued

76 IntrinsicTimescales.jl: A Julia Package to Estimate Intrinsic (Neural) Timescales (INTs) From Time-Series Data — 1 citations
Journal of Open Source Software · 10, 8261
https://exaly.com/article/206455814

77 From Neuronal to Mental Topography – Neurophenomenology of Auditory Hallucinations — 2 citations
Translational Psychiatry · 15, 496
https://exaly.com/article/207350115

78 Cardiac PET/MR Attenuation Correction Using Dual Contrast CycleGAN With Novel μ-Map Loss — 0 citations
Journal unavailable
https://exaly.com/article/208660065

2024

79 Structural Alterations of Amygdala and Hypothalamus Contribute to Catatonia — 18 citations
Schizophrenia Research · 263, 122-130
https://exaly.com/article/146200709

80 The Origins of Catatonia – Systematic Review of Historical Texts Between 1800 and 1900 — 29 citations
Schizophrenia Research · 263, 6-17
https://exaly.com/article/148507185

81 Spatiotemporal Psychopathology – An Integrated Brain-Mind Approach and Catatonia — 34 citations
Schizophrenia Research · 263, 151-159
https://exaly.com/article/155968337

82 Distribution and Frequency of Clinical Criteria and Rating Scales for Diagnosis and Assessment of Catatonia in Different Study Types — 20 citations
Schizophrenia Research · 263, 93-98
https://exaly.com/article/158464186

83 Lorazepam in Catatonia – Past, Present and Future of a Clinical Success Story — 37 citations
Schizophrenia Research · 263, 27-34
https://exaly.com/article/160962134

84 Historical Postmortem Studies on Catatonia: Close Reading and Analysis of Kahlbaum's Cases and Scientific Texts Between 1800 and 1900 — 4 citations
Schizophrenia Research · 263, 18-26
https://exaly.com/article/163141868

Ordered by publication year, newest first

2024 / continued

85 **Extension, Translation and Preliminary Validation of the Northoff Scale for Subjective Experience in Catatonia (NSSC)**
Schizophrenia Research · 263, 282-288
https://exaly.com/article/163969811
20 citations

86 **Motor Cortex Repetitive Transcranial Magnetic Stimulation in Major Depressive Disorder - A Preliminary Randomized Controlled Clinical Trial**
Journal of Affective Disorders · 344, 169-175
https://exaly.com/article/170540161
17 citations

87 **Navigating the Evolving Landscape of Catatonia Research**
Schizophrenia Research · 263, 1-5
https://exaly.com/article/171437512
4 citations

88 **Intrinsic Neural Timescales Relate to the Dynamics of Infraslow Neural Waves**
NeuroImage · 285, 120482
https://exaly.com/article/173119172
10 citations

89 **Feeling Out of Synchrony: Investigating the Vulnerability of Self in Subclinical Realms**
Asian Journal of Psychiatry · 91, 103859
https://exaly.com/article/173888075
4 citations

90 **Intrinsic Timescales and Predictive Allostatic Interoception in Brain Health and Disease**
Neuroscience and Biobehavioral Reviews · 157, 105510
https://exaly.com/article/173920072
33 citations

91 **The Neural Correlates of Arousal: Ventral Posterolateral Nucleus-Global Transient Co-Activation**
Cell Reports · 43, 113633
https://exaly.com/article/174368528
12 citations

92 **Temporal Imprecision of Phase Coherence in Schizophrenia and Psychosis—Dynamic Mechanisms and Diagnostic Marker**
Molecular Psychiatry · 29, 425-438
https://exaly.com/article/174767214
42 citations

93 **Die Katatonie in der ICD-11**
InFo Neurologie & Psychiatrie · 26, 26-31
https://exaly.com/article/175703294
2 citations

94 **Neuroscience of Ethics**
Journal unavailable
https://exaly.com/article/175984994
0 citations

Ordered by publication year, newest first

2024 / continued

95 Does Artificial Intelligence Exhibit Basic Fundamental Subjectivity? A Neurophilosophical Argument
18 citations
Phenomenology and the Cognitive Sciences · 23, 1097-1118
https://exaly.com/article/176618276

96 Beyond Task Response—Pre-Stimulus Activity Modulates Contents of Consciousness
35 citations
Physics of Life Reviews · 49, 19-37
https://exaly.com/article/176900949

97 Where Do the Symptoms Come From in Depression? Topography and Dynamics Matter
4 citations
Brain Communications · 6, fcae067
https://exaly.com/article/176934219

98 Stationary Stable Cross-Correlation Pattern and Task Specific Deviations in Unresponsive Wakefulness Syndrome as Well as Clinically Healthy Subjects
4 citations
PLoS ONE · 19, e0300075
https://exaly.com/article/177130502

99 The Nested Hierarchical Model of Self and Its Non-Relational vs Relational Posttraumatic Manifestation: An fMRI Meta-Analysis of Emotional Processing
20 citations
Molecular Psychiatry · 29, 2859-2872
https://exaly.com/article/177472803

100 Deciphering the Interplay Between Psychopathological Symptoms, Sensorimotor, Cognitive and Global Functioning: A Transdiagnostic Network Analysis
13 citations
European Archives of Psychiatry and Clinical Neuroscience · 274, 1625-1637
https://exaly.com/article/177579868

101 Repertoire of Timescales in Uni – And Transmodal Regions Mediate Working Memory Capacity
11 citations
NeuroImage · 291, 120602
https://exaly.com/article/177924634

102 A Measure Centrality Index for Systematic Empirical Comparison of Consciousness Theories
22 citations
Neuroscience and Biobehavioral Reviews · 161, 105670
https://exaly.com/article/178138459

103 Arthur Schopenhauer: An Underappreciated Philosopher in Psychiatry and His Applied Epistemology of Body and Self- Experience
4 citations
Schizophrenia Research · 267, 487-496
https://exaly.com/article/185022557

Ordered by publication year, newest first

2024 / continued

104 Scale for Time and Space Experience in Anxiety (STEA): Phenomenology and Its Clinical Relevance
8 citations
Journal of Affective Disorders · 358, 192-204
https://exaly.com/article/185086293

105 GABA-Ergic Inhibition in Human hMT+ Predicts Visuo-Spatial Intelligence Mediated Through the Frontal Cortex
7 citations
ELife
https://exaly.com/article/185653715

106 Abnormal Resting-State EEG Phase Dynamics Distinguishes Major Depressive Disorder and Bipolar Disorder
16 citations
Journal of Affective Disorders · 359, 269-276
https://exaly.com/article/185689247

107 Altered Cardiac Autonomic Functioning Associates With Self-Disorders in Schizophrenia
4 citations
Schizophrenia Research · 270, 57-62
https://exaly.com/article/186147001

108 The Subcortical Brain Regions Influence the Cortical Areas During Resting-State: An fMRI Study
8 citations
Frontiers in Human Neuroscience · 18, 1363125
https://exaly.com/article/186636582

109 Is Depression a Global Brain Disorder With Topographic Dynamic Reorganization?
42 citations
Translational Psychiatry · 14, 1-12
https://exaly.com/article/186834185

110 Global Neural Self-Disturbance in Schizophrenia: A Systematic fMRI Review
14 citations
Schizophrenia Research · 269, 163-173
https://exaly.com/article/186927474

111 How Are the Brain's Neural Changes Related to Experience and Symptoms? Spatiotemporal Psychopathology
0 citations
Journal unavailable
https://exaly.com/article/187067207

112 Philosophy in Psychiatry: Sparking a Renaissance of Individuality- Authors Reply to the Comment of Trino and Laura Baptista
0 citations
Schizophrenia Research · 271, 110-111
https://exaly.com/article/187429075

Ordered by publication year, newest first

2024 / continued

113 Catatonia
84 citations
Nature Reviews Disease Primers · 10, 1-18
https://exaly.com/article/187455395

114 Intrinsic Neural Timescales Exhibit Different Lengths in Distinct Meditation Techniques
20 citations
NeuroImage · 297, 120745
https://exaly.com/article/188205008

115 Dynamic Mechanisms That Couple the Brain and Breathing to the External Environment
28 citations
Communications Biology · 7, 1-11
https://exaly.com/article/188223961

116 Motor Versus Psychomotor? Deciphering the Neural Source of Psychomotor Retardation in Depression
24 citations
Advanced Science · 11, 2403063
https://exaly.com/article/188722554

117 The Degenerate Coding of Psychometric Profiles Through Functional Connectivity Archetypes
4 citations
Frontiers in Human Neuroscience · 18, 1455776
https://exaly.com/article/192717074

118 Irregularity of Visual Motion Perception and Negative Symptoms in Schizophrenia
7 citations
Schizophrenia · 10, 1-11
https://exaly.com/article/193301871

119 Basic Self-Disturbance in Schizophrenia: From Neuronal to Mental Topographic Dedifferentiation
4 citations
Schizophrenia Research · 274, 327-328
https://exaly.com/article/193971224

120 Beyond Mood — Depression as a Speed Disorder: Biomarkers for Abnormal Slowness
18 citations
Journal of Psychiatry and Neuroscience · 49, E357-E366
https://exaly.com/article/194085290

121 Spectral Peak Analysis and Intrinsic Neural Timescales as Markers for the State of Consciousness
7 citations
NeuroImage: Clinical · 44, 103698
https://exaly.com/article/194215982

Ordered by publication year, newest first

2024 / continued

122 Sex Differences in the Human Brain Related to Visual Motion Perception
5 citations
Biology of Sex Differences · 15, 1-12
https://exaly.com/article/194494957

123 From the Brain's Encoding of Input Dynamics to Its Behavior: Neural Dynamics Shape Bias in Decision Making
9 citations
Communications Biology · 7, 1-9
https://exaly.com/article/194751447

124 Stakeholder Perspectives on Non-Invasive Brain Stimulation
9 citations
Scientific Reports · 14, 1-10
https://exaly.com/article/194762995

125 Design-Based Methods for Exploring Ethical Questions in the Field of Neurotechnologies
3 citations
Journal of Responsible Innovation
https://exaly.com/article/195403244

126 Flexibility of Intrinsic Neural Timescales During Distinct Behavioral States
22 citations
Communications Biology · 7, 1-17
https://exaly.com/article/195920175

127 Trauma and the Default Mode Network: Review and Exploratory Study
11 citations
Frontiers in Behavioral Neuroscience · 18, 1499408
https://exaly.com/article/196011353

2023

128 Topography of the Anxious Self: Abnormal Rest-Task Modulation in Social Anxiety Disorder
34 citations
Neuroscientist · 29, 221-244
https://exaly.com/article/81539479

129 The Subjectivity of Self and Its Ontology: From the World–Brain Relation to the Point of View in the World
19 citations
Theory and Psychology · 33, 485-514
https://exaly.com/article/134802815

130 Ongoing Brain Activity and Its Role in Cognition: Dual Versus Baseline Models
39 citations
Neuroscientist · 29, 393-420
https://exaly.com/article/146044274

Ordered by publication year, newest first

2023 / continued

131 Can Disorders of Subjective Time Inform the Differential Diagnosis of Psychiatric Disorders? A Transdiagnostic Taxonomy of Time — 38 citations
Microbial Biotechnology · 17, 231-243
https://exaly.com/article/148407344

132 Disrupted Relationship Between Intrinsic Neural Timescales and Alpha Peak Frequency During Unconscious States – A High-Density EEG Study — 22 citations
NeuroImage · 265, 119802
https://exaly.com/article/157320333

133 Scale-Free Dynamics of Core-Periphery Topography — 25 citations
Human Brain Mapping · 44, 1997-2017
https://exaly.com/article/158798000

134 Topographic-Dynamic Reorganisation Model of Dreams (TRoD) – A Spatiotemporal Approach — 12 citations
Neuroscience and Biobehavioral Reviews · 148, 105117
https://exaly.com/article/159591934

135 Intrinsic Neural Timescales Mediate the Cognitive Bias of Self – Temporal Integration as Key Mechanism — 43 citations
NeuroImage · 268, 119896
https://exaly.com/article/160534196

136 Mood Disorders and Creativity — 0 citations
Current Clinical Neurology
https://exaly.com/article/161010841

137 Neural Responses to Emotional Stimuli Across the Dissociative Spectrum: Common and Specific Mechanisms — 17 citations
Psychiatry and Clinical Neurosciences · 77, 315-329
https://exaly.com/article/161612285

138 Correlation Between Neurophysiological Measures of Consciousness and BCI Performance in a Locked-In Patient — 5 citations
Journal unavailable
https://exaly.com/article/161825643

139 Abnormal Global Signal Topography of Self Modulates Emotion Dysregulation in Major Depressive Disorder — 13 citations
Translational Psychiatry · 13, 1-11
https://exaly.com/article/162071532

Ordered by publication year, newest first

2023 / continued

140 Evidence-Based Consensus Guidelines for the Management of Catatonia: Recommendations From the British Association for Psychopharmacology
254 citations
Journal of Psychopharmacology · 37, 327-369
https://exaly.com/article/162288958

141 As Without, so Within: How the Brain's Temporo-Spatial Alignment to the Environment Shapes Consciousness
33 citations
Interface Focus · 13, 20220076
https://exaly.com/article/162370242

142 Prolonged Intrinsic Neural Timescales Dissociate From Phase Coherence in Schizophrenia
29 citations
Brain Sciences · 13, 695
https://exaly.com/article/162521074

143 Integrating Subjective and Objective—Spatiotemporal Approach to Psychiatric Disorders
15 citations
Molecular Psychiatry · 28, 4022-4024
https://exaly.com/article/163316609

144 Temporal Imprecision and Phase Instability in Schizophrenia Resting State EEG
32 citations
Asian Journal of Psychiatry · 86, 103654
https://exaly.com/article/163523017

145 From Lung to Brain: Respiration Modulates Neural and Mental Activity
53 citations
Neuroscience Bulletin · 39, 1577-1590
https://exaly.com/article/163628424

146 Scale-Free Dynamics in the Core-Periphery Topography and Task Alignment Decline From Conscious to Unconscious States
36 citations
Communications Biology · 6, 1-15
https://exaly.com/article/164365707

147 Neurowaves: Brain, Time, and Consciousness
4 citations
Journal unavailable
https://exaly.com/article/164517954

148 From Abnormal Time-Space Experience to Delusions : Spatiotemporal Psychopathology
1 citations
Journal unavailable
https://exaly.com/article/164526903

Ordered by publication year, newest first

2023 / continued

149 Räumlich-Zeitliche Psychopathologie – Deutsche Version Der Scale for Space and Time Experience in Psychosis (STEP)
7 citations
Der Nervenarzt · 94, 835-841
https://exaly.com/article/165068050

150 Brain-Wide Changes in Excitation-Inhibition Balance of Major Depressive Disorder: A Systematic Review of Topographic Patterns of GABA- and Glutamatergic Alterations
122 citations
Molecular Psychiatry · 28, 3257-3266
https://exaly.com/article/166435660

151 Comparative Analysis of Multifaceted Neural Effects Associated With Varying Endogenous Cognitive Load
14 citations
Communications Biology · 6, 1-14
https://exaly.com/article/166838705

152 Increased Noise Relates to Abnormal Excitation-Inhibition Balance in Schizophrenia: A Combined Empirical and Computational Study
11 citations
Cerebral Cortex · 33, 10477-10491
https://exaly.com/article/167061249

153 Overcoming the Translational Crisis of Contemporary Psychiatry – Converging Phenomenological and Spatiotemporal Psychopathology
60 citations
Molecular Psychiatry · 28, 4492-4499
https://exaly.com/article/167527048

154 Probing Intrinsic Neural Timescales in EEG With an Information-Theory Inspired Approach: Permutation Entropy Time Delay Estimation (PE-TD)
3 citations
Entropy · 25, 1086
https://exaly.com/article/168143276

155 Altered Brain Dynamics Index Levels of Arousal in Complete Locked-In Syndrome
33 citations
Communications Biology · 6, 1-19
https://exaly.com/article/168252735

156 Spatiotemporal Dedifferentiation of the Global Brain Signal Topography Along the Adult Lifespan
7 citations
Human Brain Mapping · 44, 5906-5918
https://exaly.com/article/168589643

157 In Between the Psychological and Physiological Self - The Impact of Covid-19 Pandemic on the Neuro-Socio-Ecological and Inflammatory Mind-Body-Brain System
4 citations
Clinical Neuropsychiatry · 20, 342-350
https://exaly.com/article/168595353

Ordered by publication year, newest first

2023 / continued

158 GABAA Receptor Availability Relates to Emotion-Induced BOLD Responses in the Medial Prefrontal Cortex: Simultaneous fMRI/PET With [11C]Flumazenil

Frontiers in Neuroscience · 17, 1027697

https://exaly.com/article/169775484

0 citations

159 Culture Shapes Spontaneous Brain Dynamics – Shared Versus Idiosyncratic Neural Features Among Chinese Versus Canadian Subjects

Social Neuroscience · 18, 312-330

https://exaly.com/article/171426651

4 citations

160 Auditory Inputs Modulate Intrinsic Neuronal Timescales During Sleep

Communications Biology · 6, 1-17

https://exaly.com/article/171589234

13 citations

161 The Self and Our Perception of Its Synchrony – Beyond Internal and External Cognition

Consciousness and Cognition · 116, 103600

https://exaly.com/article/172118997

11 citations

2022

162 From Molecular to Behavior: Higher Order Occipital Cortex in Major Depressive Disorder

Cerebral Cortex · 32, 2129-2139

https://exaly.com/article/78278456

46 citations

163 Slow Resting State Fluctuations Enhance Neuronal and Behavioral Responses to Looming Sounds

Brain Topography · 35, 121-141

https://exaly.com/article/79614677

9 citations

164 Non-Additive Activity Modulation During a Decision Making Task Involving Tactic Selection

Cognitive Neurodynamics · 16, 117-133

https://exaly.com/article/81288120

12 citations

165 Altered Task Modulation of Global Signal Topography in the Default-Mode Network of Unmedicated Major Depressive Disorder

Journal of Affective Disorders · 297, 53-61

https://exaly.com/article/119350619

35 citations

166 The Self and Its Internal Thought: In Search for a Psychological Baseline

Consciousness and Cognition · 97, 103244

https://exaly.com/article/122962767

40 citations

Ordered by publication year, newest first

2022 / continued

167 Different Faces of Catatonia and How to Approach Them
4 citations
European Archives of Psychiatry and Clinical Neuroscience · 272, 1385-1387
https://exaly.com/article/125040697

168 Relating Self-Disorders to Neurocognitive and Psychopathological Measures in First-Episode Schizophrenia
22 citations
Microbial Biotechnology · 16, 1202-1210
https://exaly.com/article/125088322

169 Anterior Precuneus Related to the Recovery of Consciousness
22 citations
NeuroImage: Clinical · 33, 102951
https://exaly.com/article/125197463

170 Intrinsic Dynamics and Topography of Sensory Input Systems
17 citations
Cerebral Cortex · 32, 4592-4604
https://exaly.com/article/125198126

171 Intrinsic Neural Timescales: Temporal Integration and Segregation
192 citations
Trends in Cognitive Sciences · 26, 159-173
https://exaly.com/article/125357699

172 Temporo-Spatial Theory of Consciousness (TTC) – Bridging the Gap of Neuronal Activity and Phenomenal States
86 citations
Behavioural Brain Research · 424, 113788
https://exaly.com/article/125565298

173 Intrinsic Neural Activity Predisposes Susceptibility to a Body Illusion
7 citations
Cerebral Cortex Communications · 3, tgac012
https://exaly.com/article/134235072

174 From Temporal to Spatial Topography: Hierarchy of Neural Dynamics in Higher- and Lower-Order Networks Shapes Their Complexity
24 citations
Cerebral Cortex · 32, 5637-5653
https://exaly.com/article/134423109

175 From Shorter to Longer Timescales: Converging Integrated Information Theory (IIT) With the Temporo-Spatial Theory of Consciousness (TTC)
38 citations
Entropy · 24, 270
https://exaly.com/article/134533106

176 Are Object Relations Temporal? From the Brain's Intrinsic Neural Timescales Over Temporo-Spatial Alignment to Object Relations
4 citations
Neuropsychoanalysis · 24, 47-49
https://exaly.com/article/134607258

Ordered by publication year, newest first

2022 / continued

177 Alpha and Theta Peak Frequency Track On- and Off-Thoughts
Communications Biology · 5, 1-13
https://exaly.com/article/134758794
37 citations

178 Does Temporal Irregularity Drive Prediction Failure in Schizophrenia? Temporal Modelling of ERPs
Schizophrenia · 8, 1-9
https://exaly.com/article/134784322
14 citations

179 Intrinsic Shapes of Empathy: Functional Brain Network Topology Encodes Intersubjective Experience and Awareness Traits
Brain Sciences · 12, 477
https://exaly.com/article/135030232
15 citations

180 It's in the Timing: Reduced Temporal Precision in Neural Activity of Schizophrenia
Cerebral Cortex · 32, 3441-3456
https://exaly.com/article/135418159
40 citations

181 Scale for Space and Time Experience in Psychosis: Converging Phenomenological and Psychopathological Perspectives
Psychopathology · 55, 132-142
https://exaly.com/article/135628991
29 citations

182 Slow and Powerless Thought Dynamic Relates to Brooding in Unipolar and Bipolar Depression
Psychopathology · 55, 258-272
https://exaly.com/article/145297382
31 citations

183 Temporal Continuity of Self: Long Autocorrelation Windows Mediate Self-Specificity
NeuroImage · 257, 119305
https://exaly.com/article/145319914
31 citations

184 Variability and Task-Responsiveness of Electrophysiological Dynamics: Scale-Free Stability and Oscillatory Flexibility
NeuroImage · 256, 119245
https://exaly.com/article/145393062
32 citations

185 Catatonia: Looking Back and Moving Forward
Brain · 145, 2939-2942
https://exaly.com/article/146252123
25 citations

Ordered by publication year, newest first

2022 / continued

186 Spatial-Topographic Nestedness of Interoceptive Regions Within the Networks of Decision Making and Emotion Regulation: Combining ALE Meta-Analysis and MACM Analysis
NeuroImage · 260, 119500
https://exaly.com/article/149527125
29 citations

187 Default Mode Network Mediates Low-Frequency Fluctuations in Brain Activity and Behavior During Sustained Attention
Human Brain Mapping · 43, 5478-5489
https://exaly.com/article/149984510
25 citations

188 Spatiotemporal Psychopathology - A Novel Approach to Brain and Symptoms
Noropsikiyatri Arsivi · 59, S3-S9
https://exaly.com/article/154301708
9 citations

189 The Hierarchical Semantics of Self
Journal unavailable
https://exaly.com/article/154921890
0 citations

190 Beyond the Veil of Duality-Topographic Reorganization Model of Meditation
Neuroscience of Consciousness · 2022, niac013
https://exaly.com/article/155503737
42 citations

191 Anorexia Nervosa as a Disorder of the Subcortical–Cortical Interoceptive-Self
Eating and Weight Disorders · 27, 3063-3081
https://exaly.com/article/156585326
31 citations

192 Beyond Noise to Function: Reframing the Global Brain Activity and Its Dynamic Topography
Communications Biology · 5, 1-12
https://exaly.com/article/157872893
43 citations

2021

193 GABAB Receptor, Clozapine, and Catatonia—A Complex Triad
Molecular Psychiatry · 26, 2683-2684
https://exaly.com/article/75455883
30 citations

194 Why Is There Symptom Coupling of Psychological and Motor Changes in Psychomotor Mechanisms? Insights From the Brain's Topography
Molecular Psychiatry · 26, 3669-3671
https://exaly.com/article/75711704
23 citations

Ordered by publication year, newest first

2021 / continued

195 All Roads Lead to the Motor Cortex: Psychomotor Mechanisms and Their Biochemical Modulation in Psychiatric Disorders
188 citations
Molecular Psychiatry · 26, 92-102
https://exaly.com/article/77695648

196 Task-Related Functional Magnetic Resonance Imaging-Based Neuronavigation for the Treatment of Depression by Individualized Repetitive Transcranial Magnetic Stimulation of the Visual Cortex
81 citations
Science China Life Sciences · 64, 96-106
https://exaly.com/article/77697108

197 Structures in Physics and Neuroscience
3 citations
Axiomathes · 31, 479-495
https://exaly.com/article/77704096

198 How Brain Imaging Provides Predictive Biomarkers for Therapeutic Success in the Context of Virtual Reality Cognitive Training
41 citations
Neuroscience and Biobehavioral Reviews · 120, 583-594
https://exaly.com/article/77705384

199 The Self and Its Prolonged Intrinsic Neural Timescale in Schizophrenia
77 citations
Schizophrenia Bulletin · 47, 170-179
https://exaly.com/article/77717989

200 Are Intrinsic Neural Timescales Related to Sensory Processing? Evidence From Abnormal Behavioral States
87 citations
NeuroImage · 226, 117579
https://exaly.com/article/77885120

201 What COVID-19 Tells Us About the Self: The Deep Intersubjective and Cultural Layers of Our Brain
24 citations
Psychiatry and Clinical Neurosciences · 75, 37-45
https://exaly.com/article/77919801

202 Overcoming Rest-Task Divide-Abnormal Temporospatial Dynamics and Its Cognition in Schizophrenia
56 citations
Schizophrenia Bulletin · 47, 751-765
https://exaly.com/article/77975919

203 Time Is of Essence - Abnormal Time Perspectives Mediate the Impact of Childhood Trauma on Depression Severity
31 citations
Journal of Psychiatric Research · 137, 534-541
https://exaly.com/article/78004107

Ordered by publication year, newest first

2021 / continued

204 Brain Networks and the Emergence of the Self: A Neurophenomenal Perspective
Journal unavailable
https://exaly.com/article/78111807
1 citations

205 When the World Breaks Down: A 3-Stage Existential Model of Nihilism in Schizophrenia
Psychopathology · 54, 169-192
https://exaly.com/article/78212307
7 citations

206 Scale-Free Analysis of Intraoperative ECoG During Awake Craniotomy for Glioma
Frontiers in Oncology · 10, 625474
https://exaly.com/article/78991523
14 citations

207 Temporal Hierarchy of Intrinsic Neural Timescales Converges With Spatial Core-Periphery Organization
Communications Biology · 4, 1-14
https://exaly.com/article/79379787
102 citations

208 Spectral and Temporal Characterization of Sleep Spindles—Methodological Implications
Journal of Neural Engineering · 18, 036014
https://exaly.com/article/79561355
9 citations

209 The Lost Neural Hierarchy of the Autistic Self—Locked-Out of the Mental Self and Its Default-Mode Network
Brain Sciences · 11, 574
https://exaly.com/article/79860330
11 citations

210 Reduction of Higher-Order Occipital GABA and Impaired Visual Perception in Acute Major Depressive Disorder
Molecular Psychiatry · 26, 6747-6755
https://exaly.com/article/80018443
103 citations

211 Abnormal ERPs and Brain Dynamics Mediate Basic Self Disturbance in Schizophrenia: A Review of EEG and MEG Studies
Frontiers in Psychiatry · 12, 642469
https://exaly.com/article/80174001
13 citations

212 Higher-Order Sensorimotor Circuit of the Brain's Global Network Supports Human Consciousness
NeuroImage · 231, 117850
https://exaly.com/article/80592336
44 citations

Ordered by publication year, newest first

2021 / continued

213 From Local to Global and Back: An Exploratory Study on Cross-Scale Desynchronization in Schizophrenia and Its Relation to Thought Disorders
5 citations
Schizophrenia Research · 231, 10-12
https://exaly.com/article/80663469

214 Childhood Trauma Mediates Repetitive Transcranial Magnetic Stimulation Efficacy in Major Depressive Disorder
16 citations
European Archives of Psychiatry and Clinical Neuroscience · 271, 1255-1263
https://exaly.com/article/80748052

215 Die sensomotorische Domäne im Research-Domain-Criteria-System: Fortschritte und Perspektiven
5 citations
Der Nervenarzt · 92, 915-924
https://exaly.com/article/80915767

216 The Human Self Has Two Serial Aspects and Is Dynamic: A Concept Based on Neurophysiological Evidence Supporting a Multiple Aspects Self Theory (MAST)
5 citations
Life · 11, 611
https://exaly.com/article/80974340

217 Anticipating Control Over Aversive Stimuli Is Mediated by the Medial Prefrontal Cortex: An fMRI Study With Healthy Adults
6 citations
Human Brain Mapping · 42, 4327-4335
https://exaly.com/article/80995131

218 Dynamic Relationships Between Spontaneous and Evoked Electrophysiological Activity
71 citations
Communications Biology · 4, 1-17
https://exaly.com/article/81143128

219 Nature or Nurture in Ideas of Reference? Interplay Between Intrinsic Cognition and Extrinsic Environment in Times of Crisis
2 citations
Schizophrenia Research · 233, 1-2
https://exaly.com/article/81492207

220 The Brain and Its Time: Intrinsic Neural Timescales Are Key for Input Processing
166 citations
Communications Biology · 4, 1-16
https://exaly.com/article/81751134

221 Intrinsic Neural Network Dynamics in Catatonia
44 citations
Human Brain Mapping · 42, 6087-6098
https://exaly.com/article/82083049

Ordered by publication year, newest first

2021 / continued

222 Prestimulus Dynamics Blend With the Stimulus in Neural Variability Quenching
NeuroImage · 238, 118160
https://exaly.com/article/82087404
37 citations

223 White Matter Microstructure Alterations in Cortico-Striatal Networks Are Associated With Parkinsonism in Schizophrenia Spectrum Disorders
European Neuropsychopharmacology · 50, 64-74
https://exaly.com/article/82340647
15 citations

224 Dissociation and Emotion Regulation Strategies: A Meta-Analytic Review
Journal of Psychiatric Research · 143, 370-387
https://exaly.com/article/82522844
120 citations

225 Extending the “Resting State Hypothesis of Depression” – Dynamics and Topography of Abnormal Rest-Task Modulation
Psychiatry Research - Neuroimaging · 317, 111367
https://exaly.com/article/82536211
16 citations

226 Out-of-Step: Brain-Heart Desynchronization in Anxiety Disorders
Molecular Psychiatry · 26, 1726-1737
https://exaly.com/article/82745324
60 citations

227 “Common Currency” Between Experience and Brain: Spatiotemporal Psychopathology of the Resting State in Depression
Advances in Experimental Medicine and Biology · 1305, 71-84
https://exaly.com/article/82763079
10 citations

228 “Project for a Spatiotemporal Neuroscience” – Brain and Psyche Share Their Topography and Dynamic
Frontiers in Psychology · 12, 717402
https://exaly.com/article/91010921
27 citations

229 The Self and Its Right Insula—Differential Topography and Dynamic of Right vs. Left Insula
Brain Sciences · 11, 1312
https://exaly.com/article/91058659
40 citations

230 Novel Approach to Mind Wandering in Major Depressive Disorder and Bipolar Disorder Patients: Does the Direction of Thoughts Matter?
International behavioral sciences · 15, 66-72
https://exaly.com/article/125808911
1 citations

Ordered by publication year, newest first

2020

231 Going Back to Kahlbaum's Psychomotor (and GABAergic) Origins: Is Catatonia More Than Just a Motor and Dopaminergic Syndrome?
73 citations
Schizophrenia Bulletin · 46, 272-285
https://exaly.com/article/71993936

232 Is Temporo-Spatial Dynamics the “Common Currency” of Brain and Mind? In Quest of “Spatiotemporal Neuroscience”
203 citations
Physics of Life Reviews · 33, 34-54
https://exaly.com/article/74924323

233 Abnormal Functional Relationship of Sensorimotor Network With Neurotransmitter-Related Nuclei via Subcortical-Cortical Loops in Manic and Depressive Phases of Bipolar Disorder
72 citations
Schizophrenia Bulletin · 46, 163-174
https://exaly.com/article/74943896

234 Multimodal Magnetic Resonance Imaging Data Fusion Reveals Distinct Patterns of Abnormal Brain Structure and Function in Catatonia
87 citations
Schizophrenia Bulletin · 46, 202-210
https://exaly.com/article/74945298

235 Opposite Effects of Dopamine and Serotonin on Resting-State Networks: Review and Implications for Psychiatric Disorders
229 citations
Molecular Psychiatry · 25, 82-93
https://exaly.com/article/74949311

236 Why Context Matters? Divisive Normalization and Canonical Microcircuits in Psychiatric Disorders
19 citations
Neuroscience Research · 156, 130-140
https://exaly.com/article/75014266

237 Individual Alpha Frequency Predicts Perceived Visuotactile Simultaneity
108 citations
Journal of Cognitive Neuroscience · 32, 1-11
https://exaly.com/article/75098418

238 Pharmacologically Informed Machine Learning Approach for Identifying Pathological States of Unconsciousness via Resting-State fMRI
36 citations
NeuroImage · 206, 116316
https://exaly.com/article/75132857

239 Is Learning Scale-Free? Chemistry Learning Increases EEG Fractal Power and Changes the Power Law Exponent
16 citations
Neuroscience Research · 156, 165-177
https://exaly.com/article/75249217

Ordered by publication year, newest first

2020 / continued

240 **Building Mental Models of a Reaction Mechanism: The Influence of Static and Animated Representations, Prior Knowledge, and Spatial Ability**
23 citations
Chemistry Education Research and Practice · 21, 496-512
https://exaly.com/article/75265381

241 **Personalized Multimodal Demarcation of Peritumoral Tissue in Glioma**
11 citations
JCO Precision Oncology · 4, 1128-1140
https://exaly.com/article/75406922

242 **Cultural Priming Effects and the Human Brain**
3 citations
Journal unavailable
https://exaly.com/article/75455475

243 **Brainstem Alterations Contribute to Catatonia in Schizophrenia Spectrum Disorders**
15 citations
Schizophrenia Research · 224, 82-87
https://exaly.com/article/75545731

244 **Rest-Task Modulation of fMRI-Derived Global Signal Topography Is Mediated by Transient Coactivation Patterns**
52 citations
PLoS Biology · 18, e3000733
https://exaly.com/article/75607316

245 **Habits and Self**
1 citations
Journal unavailable
https://exaly.com/article/75731114

246 **All Roads Lead to the Default-Mode Network—Global Source of DMN Abnormalities in Major Depressive Disorder**
193 citations
Neuropsychopharmacology · 45, 2058-2069
https://exaly.com/article/75808283

247 **Neural Signs and Mechanisms of Consciousness: Is There a Potential Convergence of Theories of Consciousness in Sight?**
164 citations
Neuroscience and Biobehavioral Reviews · 118, 568-587
https://exaly.com/article/75820445

248 **Temporal Integration as “Common Currency” of Brain and Self-Scale-Free Activity in Resting-State EEG Correlates With Temporal Delay Effects on Self-Relatedness**
71 citations
Human Brain Mapping · 41, 4355-4374
https://exaly.com/article/75844350

Ordered by publication year, newest first

2020 / continued

249 The Effects of Gastrointestinal Symptoms on Structural Grey Matter Volume in Youth
3 citations
International Journal of Developmental Neuroscience · 80, 477-488
https://exaly.com/article/76659197

250 Linking Bodily, Environmental and Mental States in the Self—A Three-Level Model Based on a Meta-Analysis
185 citations
Neuroscience and Biobehavioral Reviews · 115, 77-95
https://exaly.com/article/76670690

251 Multiparametric Mapping of White Matter Microstructure in Catatonia
84 citations
Neuropsychopharmacology · 45, 1750-1757
https://exaly.com/article/76689289

252 Functional Decoupling of Language and Self-Reference Networks in Patients With Persistent Auditory Verbal Hallucinations
12 citations
Neuropsychobiology · 79, 345-351
https://exaly.com/article/76802130

253 A Neural Signature of Parkinsonism in Patients With Schizophrenia Spectrum Disorders: A Multimodal MRI Study Using Parallel ICA
35 citations
Schizophrenia Bulletin · 46, 999-1008
https://exaly.com/article/76902686

254 Dissociation as a Disorder of Integration – On the Footsteps of Pierre Janet
69 citations
Progress in Neuro-Psychopharmacology and Biological Psychiatry · 101, 109928
https://exaly.com/article/76966535

255 Insula Shows Abnormal Task-Evoked and Resting-State Activity in First-Episode Drug-Naïve Generalized Anxiety Disorder
39 citations
Depression and Anxiety · 37, 632-644
https://exaly.com/article/76971701

256 Spatiotemporal Neuroscience – What Is It and Why We Need It
95 citations
Physics of Life Reviews · 33, 78-87
https://exaly.com/article/77136661

257 Brain and Behaviour in Post-Acute Stroke: Reduction in Seeking and Posterior Cingulate Neuronal Variability
3 citations
Journal of Clinical and Experimental Neuropsychology · 42, 584-601
https://exaly.com/article/77197076

Ordered by publication year, newest first

2020 / continued

258 Opposing Changes in the Functional Architecture of Large-Scale Networks in Bipolar Mania and Depression
58 citations
Schizophrenia Bulletin · 46, 971-980
https://exaly.com/article/77275501

259 Real-Time fMRI Feedback Impacts Brain Activation, Results in Auditory Hallucinations Reduction: Part 1: Superior Temporal Gyrus -Preliminary Evidence-
29 citations
Psychiatry Research · 286, 112862
https://exaly.com/article/77290477

260 Intrinsic Brain Activity of Subcortical-Cortical Sensorimotor System and Psychomotor Alterations in Schizophrenia and Bipolar Disorder: A Preliminary Study
58 citations
Schizophrenia Research · 218, 157-165
https://exaly.com/article/77350587

261 Neuroimaging the Consciousness of Self: Review, and Conceptual-Methodological Framework
132 citations
Neuroscience and Biobehavioral Reviews · 112, 164-212
https://exaly.com/article/77414121

262 The Self in Art Therapy – Brain-Based Assessment of the Drawing Process
10 citations
Medical Hypotheses · 138, 109596
https://exaly.com/article/77429946

263 Real-Time fMRI Neurofeedback Reduces Auditory Hallucinations and Modulates Resting State Connectivity of Involved Brain Regions: Part 2: Default Mode Network -Preliminary Evidence
64 citations
Psychiatry Research · 284, 112770
https://exaly.com/article/77434159

264 Anxiety Disorders and the Brain's Resting State Networks: From Altered Spatiotemporal Synchronization to Psychopathological Symptoms
42 citations
Advances in Experimental Medicine and Biology · 1191, 71-90
https://exaly.com/article/84152981

265 Altered Global Brain Signal During Physiologic, Pharmacologic, and Pathologic States of Unconsciousness in Humans and Rats
57 citations
Anesthesiology · 132, 1392-1406
https://exaly.com/article/85558244

266 The Self and Its World: A Neuro-Ecological and Temporo-Spatial Account of Existential Fear
16 citations
Clinical Neuropsychiatry · 17, 46-58
https://exaly.com/article/89111399

Ordered by publication year, newest first

2019

267 Impaired Prefrontal Cortical Dopamine Release in Schizophrenia During a Cognitive Task: A [11C]FLB 457 Positron Emission Tomography Study

59 citations

Schizophrenia Bulletin · 45, 670-679

https://exaly.com/article/71829374

268 From Neuronal to Psychological Noise – Long-Range Temporal Correlations in EEG Intrinsic Activity Reduce Noise in Internally-Guided Decision Making

33 citations

NeuroImage · 201, 116015

https://exaly.com/article/72093019

269 “Average Is Good, Extremes Are Bad” – Non-Linear Inverted U-Shaped Relationship Between Neural Mechanisms and Functionality of Mental Features

87 citations

Neuroscience and Biobehavioral Reviews · 104, 11-25

https://exaly.com/article/72212436

270 Can Knowledge of Election Results Change Recall of Our Predictions? Neural Correlates of Political Hindsight Bias

3 citations

PLoS ONE · 14, e0220690

https://exaly.com/article/72299711

271 Low Frequency Phase-Locking of Brain Signals Contribute to Efficient Face Recognition

16 citations

Neuroscience · 422, 172-183

https://exaly.com/article/72418620

272 Atypical Temporal Dynamics of Resting State Shapes Stimulus-Evoked Activity in Depression—An EEG Study on Rest–Stimulus Interaction

44 citations

Frontiers in Psychiatry · 10, 475953

https://exaly.com/article/72455681

273 GABA and Negative Affect-Catatonia as Model of RDoC-Based Investigation in Psychiatry

15 citations

Schizophrenia Bulletin · 45, 1168-1169

https://exaly.com/article/72531688

274 Spontaneous Brain Activity Predicts Task-Evoked Activity During Animate Versus Inanimate Touch

47 citations

Cerebral Cortex · 29, 4628-4645

https://exaly.com/article/72825144

275 Working With Mental Models to Learn and Visualize a New Reaction Mechanism

24 citations

Chemistry Education Research and Practice · 20, 554-569

https://exaly.com/article/73254438

Ordered by publication year, newest first

2019 / continued

276 Interindividual Neural Differences in Moral Decision-Making Are Mediated by Alpha Power and Delta/Theta Phase Coherence
38 citations
Scientific Reports · 9, 1-13
https://exaly.com/article/73389376

277 Investigating GABA Concentrations Measured With Macromolecule Suppressed and Unsuppressed MEGA-PRESS MR Spectroscopy and Their Relationship With BOLD Responses in the Occipital Cortex
19 citations
Journal of Magnetic Resonance Imaging · 50, 1285-1294
https://exaly.com/article/73409355

278 Neural Variability Quenching During Decision-Making: Neural Individuality and Its Prestimulus Complexity
50 citations
NeuroImage · 192, 1-14
https://exaly.com/article/73447555

279 The Educational Benefits of Self-Related Information Processing
14 citations
Journal unavailable
https://exaly.com/article/73678593

280 Cortical Contributions to Distinct Symptom Dimensions of Catatonia
59 citations
Schizophrenia Bulletin · 45, 1184-1194
https://exaly.com/article/73687814

281 Levels of Time in the Zhuangzi: A Leibnizian Perspective
7 citations
Philosophy East and West · 69, 1014-1033
https://exaly.com/article/73894181

282 Reflections on 20 Years of Neuropsychoanalysis
7 citations
Neuropsychoanalysis · 21, 89-123
https://exaly.com/article/74122536

283 Mathematics and the Brain: A Category Theoretical Approach to Go Beyond the Neural Correlates of Consciousness
28 citations
Entropy · 21, 1234
https://exaly.com/article/74252392

284 Increased Scale-Free Dynamics in Salience Network in Adult High-Functioning Autism
27 citations
NeuroImage: Clinical · 21, 101634
https://exaly.com/article/74538815

Ordered by publication year, newest first

2019 / continued

285 Opposing Patterns of Neuronal Variability in the Sensorimotor Network Mediate Cyclothymic and Depressive Temperaments — 22 citations

Human Brain Mapping · 40, 1344-1352

https://exaly.com/article/74716835

286 Neuronal Variability of Resting State Activity in Eating Disorders: Increase and Decoupling in Ventral Attention Network and Relation With Clinical Symptoms — 22 citations

European Psychiatry · 55, 10-17

https://exaly.com/article/74720247

287 The Temporal Signature of Self: Temporal Measures of Resting-State EEG Predict Self-Consciousness — 98 citations

Human Brain Mapping · 40, 789-803

https://exaly.com/article/74806146

288 Altered Global Signal Topography and Its Different Regional Localization in Motor Cortex and Hippocampus in Mania and Depression — 70 citations

Schizophrenia Bulletin · 45, 902-910

https://exaly.com/article/74828427

2018

289 Functional Connections Between Activated and Deactivated Brain Regions Mediate Emotional Interference During Externally Directed Cognition — 18 citations

Human Brain Mapping · 39, 3597-3610

https://exaly.com/article/68876442

290 Breakdown in the Temporal and Spatial Organization of Spontaneous Brain Activity During General Anesthesia — 51 citations

Human Brain Mapping · 39, 2035-2046

https://exaly.com/article/69047311

291 Why Do We Need Psychopathology? From the Brain's Resting State to "Spatiotemporal Psychopathology" of Depression — 7 citations

Journal unavailable

https://exaly.com/article/69231950

292 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 — 47 citations

Brain, Behavior, and Immunity · 73, 192-204

https://exaly.com/article/69272794

Ordered by publication year, newest first

2018 / continued

293 How Does the Brain's Spontaneous Activity Generate Our Thoughts? The Spatiotemporal Theory of Task-Unrelated Thought (STTT)
Journal unavailable
https://exaly.com/article/69304229
3 citations

294 Vascular-Metabolic and GABAergic Inhibitory Correlates of Neural Variability Modulation. A Combined fMRI and PET Study
Neuroscience · 379, 142-151
https://exaly.com/article/69417984
8 citations

295 The Brain's Spontaneous Activity and Its Psychopathological Symptoms – "Spatiotemporal Binding and Integration"
Progress in Neuro-Psychopharmacology and Biological Psychiatry · 80, 81-90
https://exaly.com/article/69490408
56 citations

296 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
Schizophrenia Bulletin · 44, 419-431
https://exaly.com/article/69496928
82 citations

297 Too Fast or Too Slow? Time and Neuronal Variability in Bipolar Disorder-A Combined Theoretical and Empirical Investigation
Schizophrenia Bulletin · 44, 54-64
https://exaly.com/article/69501905
91 citations

298 Disrupted Relationship Between "Resting State" Connectivity and Task-Evoked Activity During Social Perception in Schizophrenia
Schizophrenia Research · 193, 370-376
https://exaly.com/article/69526863
19 citations

299 How Much Is Enough—Can Resting State fMRI Provide a Demarcation for Neurosurgical Resection in Glioma?
Neuroscience and Biobehavioral Reviews · 84, 245-261
https://exaly.com/article/69700402
56 citations

300 Altered Predictive Capability of the Brain Network EEG Model in Schizophrenia During Cognition
Schizophrenia Research · 201, 120-129
https://exaly.com/article/70421306
24 citations

301 Why Is the Environment Important for Decision Making? Local Reservoir Model for Choice-Based Learning
PLoS ONE · 13, e0205161
https://exaly.com/article/70620510
4 citations

Ordered by publication year, newest first

2018 / continued

302 **Neuropsychodynamic Psychiatry**
Journal unavailable
https://exaly.com/article/70805740
30 citations

303 **Is Our Self Related to Personality? A Neuropsychodynamic Model**
Frontiers in Human Neuroscience · 12, 388996
https://exaly.com/article/70873249
49 citations

304 **Is Our Self Temporal? From the Temporal Features of the Brain's Neural Activity to Self-Continuity and Personal Identity**
Journal unavailable
https://exaly.com/article/70924210
3 citations

305 **Disrupted Neural Variability During Propofol-Induced Sedation and Unconsciousness**
Human Brain Mapping · 39, 4533-4544
https://exaly.com/article/71452850
47 citations

306 **White Matter Deficits Underlying the Impaired Consciousness Level in Patients With Disorders of Consciousness**
Neuroscience Bulletin · 34, 668-678
https://exaly.com/article/71453761
34 citations

307 **What Psychopathology Can Learn From Neuropsychodynamic Psychiatry? : A Spatiotemporal Approach**
Journal unavailable
https://exaly.com/article/114510372
0 citations

308 **The Spontaneous Brain: From the Mind-Body to the World-Brain Problem**
Journal unavailable
https://exaly.com/article/168901186
74 citations

2017

309 **Is There a Nonadditive Interaction Between Spontaneous and Evoked Activity? Phase-Dependence and Its Relation to the Temporal Structure of Scale-Free Brain Activity**
Cerebral Cortex · 27, 1037-1059
https://exaly.com/article/61428600
107 citations

310 **"Paradox of Slow Frequencies" – Are Slow Frequencies in Upper Cortical Layers a Neural Predisposition of the Level/State of Consciousness (NPC)?**
Consciousness and Cognition · 54, 20-35
https://exaly.com/article/66167388
27 citations

Ordered by publication year, newest first

2017 / continued

311 Posterior Cingulate Cross-Hemispheric Functional Connectivity Predicts the Level of Consciousness in Traumatic Brain Injury
23 citations
Scientific Reports · 7, 1-9
https://exaly.com/article/66228757

312 Brain and Self – A Neurophilosophical Account
0 citations
New Approaches To the Scientific Study of Religion
https://exaly.com/article/66299768

313 Increased Glutamate in Somatosensory Cortex in Functional Dyspepsia
15 citations
Scientific Reports · 7, 1-11
https://exaly.com/article/66422313

314 Abnormal Time Experiences in Major Depression: An Empirical Qualitative Study
94 citations
Psychopathology · 50, 125-140
https://exaly.com/article/66762884

315 Personal Identity and Cortical Midline Structure (CMS): Do Temporal Features of CMS Neural Activity Transform Into “Self-Continuity”?
45 citations
Psychological Inquiry · 28, 122-131
https://exaly.com/article/66951386

316 How Spontaneous Brain Activity and Narcissistic Features Shape Social Interaction
52 citations
Scientific Reports · 7, 1-12
https://exaly.com/article/67005842

317 How Do the Brain’s Time and Space Mediate Consciousness and Its Different Dimensions? Temporo-Spatial Theory of Consciousness (TTC)
197 citations
Neuroscience and Biobehavioral Reviews · 80, 630-645
https://exaly.com/article/67191171

318 How Is Our Self Related to Its Brain? Neurophilosophical Concepts
0 citations
Journal unavailable
https://exaly.com/article/67452162

319 What Can Different Motor Circuits Tell Us About Psychosis? An RDoC Perspective
121 citations
Schizophrenia Bulletin · 43, 949-955
https://exaly.com/article/67542964

320 A Neural "Tuning Curve" for Multisensory Experience and Cognitive-Perceptual Schizotypy
63 citations
Schizophrenia Bulletin · 43, 801-813
https://exaly.com/article/67582853

Ordered by publication year, newest first

2017 / continued

321 **Brain and Self: A Neurophilosophical Account**
Journal unavailable
https://exaly.com/article/68108552
1 citations

322 **Is Depressive Rumination Rational?**
Journal unavailable
https://exaly.com/article/68192845
4 citations

323 **Are Our Emotional Feelings Relational?**
Journal unavailable
https://exaly.com/article/68252594
0 citations

324 **Who Am I: The Conscious and the Unconscious Self**
Frontiers in Human Neuroscience · 11, 247051
https://exaly.com/article/68399851
19 citations

325 **Thalamo-Sensorimotor Functional Connectivity Correlates With World Ranking of Olympic, Elite, and High Performance Athletes**
Neural Plasticity · 2017, 1473783
https://exaly.com/article/68407822
22 citations

326 **Association Between Scale-Free Brain Dynamics and Behavioral Performance: Functional MRI Study in Resting State and Face Processing Task**
Behavioural Neurology · 2017, 2824615
https://exaly.com/article/68427497
15 citations

327 **Personal Identity and Brain Identity**
Journal unavailable
https://exaly.com/article/89991620
3 citations

328 **The Development of Interest and Self-Related Processing**
Journal unavailable
https://exaly.com/article/208170155
0 citations

2016

329 **Integrative Processing of Touch and Affect in Social Perception: An fMRI Study**
Frontiers in Human Neuroscience · 10, 187765
https://exaly.com/article/63232166
17 citations

330 **Implicit and Explicit Routes to Recognize the Own Body: Evidence From Brain Damaged Patients**
Frontiers in Human Neuroscience · 10, 208482
https://exaly.com/article/63232361
24 citations

Ordered by publication year, newest first

2016 / continued

331 **Methodological Problems on the Way to Integrative Human Neuroscience**
Frontiers in Integrative Neuroscience · 10, 206699
https://exaly.com/article/63233328
70 citations

332 **How Do Resting State Changes in Depression Translate Into Psychopathological Symptoms? From 'Spatiotemporal Correspondence' to 'Spatiotemporal Psychopathology'**
Current Opinion in Psychiatry · 29, 18
https://exaly.com/article/63383883
72 citations

333 **Differential Alterations of Resting-State Functional Connectivity in Generalized Anxiety Disorder and Panic Disorder**
Human Brain Mapping · 37, 1459-73
https://exaly.com/article/63454954
118 citations

334 **Abnormal Functional–Structural Cingulum Connectivity in Mania: Combined Functional Magnetic Resonance Imaging-Diffusion Tensor Imaging Investigation in Different Phases of Bipolar Disorder**
Acta Psychiatrica Scandinavica · 134, 339-349
https://exaly.com/article/63476236
66 citations

335 **Self, Cortical Midline Structures and the Resting State: Implications for Alzheimer's Disease**
Neuroscience and Biobehavioral Reviews · 68, 245-255
https://exaly.com/article/63929829
39 citations

336 **Neuroscience and Whitehead I: Neuro-Ecological Model of Brain**
Axiomathes · 26, 219-252
https://exaly.com/article/64068890
11 citations

337 **Contrasting Variability Patterns in the Default Mode and Sensorimotor Networks Balance in Bipolar Depression and Mania**
Proceedings of the National Academy of Sciences of the United States of America · 113, 4824-4829
https://exaly.com/article/64098608
247 citations

338 **Neuroscience and Whitehead II: Process-Based Ontology of Brain**
Axiomathes · 26, 253-277
https://exaly.com/article/64128419
7 citations

339 **Temporal Limits on Rubber Hand Illusion Reflect Individuals' Temporal Resolution in Multisensory Perception**
Cognition · 157, 39-48
https://exaly.com/article/64184011
93 citations

Ordered by publication year, newest first

2016 / continued

340 Catatonia—Phenomenology, Psychopathology, and Pathophysiology
Journal unavailable
https://exaly.com/article/64474554
1 citations

341 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
Progress in Neurobiology · 145, 26-45
https://exaly.com/article/64501926
133 citations

342 Post-Response βγ Power Predicts the Degree of Choice-Based Learning in Internally Guided Decision-Making
Scientific Reports · 6, 1-9
https://exaly.com/article/64797992
23 citations

343 Emotional Burden, Quality of Life, and Coping Styles in Care Givers of Patients With Disorders of Consciousness Living in Italy: Preliminary Data
Brain Impairment · 17, 254-264
https://exaly.com/article/64872848
4 citations

344 Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations
Schizophrenia Bulletin · 42, 1110-23
https://exaly.com/article/65268952
118 citations

345 The Trajectory of Self
Trends in Cognitive Sciences · 20, 481-482
https://exaly.com/article/65271214
10 citations

346 Slow Cortical Potentials and "Inner Time Consciousness" — A Neuro-Phenomenal Hypothesis About the "Width of Present"
International Journal of Psychophysiology · 103, 174-184
https://exaly.com/article/65312847
26 citations

347 Spatiotemporal Psychopathology I: No Rest for the Brain's Resting State Activity in Depression? Spatiotemporal Psychopathology of Depressive Symptoms
Journal of Affective Disorders · 190, 854-866
https://exaly.com/article/65326291
124 citations

348 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 · 190, 867-879
https://exaly.com/article/65326292
66 citations

Ordered by publication year, newest first

2016 / continued

349 The Temporal Structure of Resting-State Brain Activity in the Medial Prefrontal Cortex Predicts Self-Consciousness
97 citations
Neuropsychologia · 82, 161-170
https://exaly.com/article/65332534

350 Spontaneous Activity in Default-Mode Network Predicts Ascription of Self-Relatedness to Stimuli
44 citations
Social Cognitive and Affective Neuroscience · 11, 693-702
https://exaly.com/article/65599301

351 Neuropsychodynamische Psychiatrie
21 citations
Journal unavailable
https://exaly.com/article/65652426

352 Patterns of Microstructural White Matter Abnormalities and Their Impact on Cognitive Dysfunction in the Various Phases of Type I Bipolar Disorder
49 citations
Journal of Affective Disorders · 193, 39-50
https://exaly.com/article/65661428

353 A Stochastic Model of Input Effectiveness During Irregular Gamma Rhythms
7 citations
Journal of Computational Neuroscience · 40, 85-101
https://exaly.com/article/65697199

354 Neuroimaging Markers of Glutamatergic and GABAergic Systems in Drug Addiction: Relationships to Resting-State Functional Connectivity
48 citations
Neuroscience and Biobehavioral Reviews · 61, 35-52
https://exaly.com/article/65697861

355 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
187 citations
Cognitive Neuroscience · 7, 203-22
https://exaly.com/article/65738427

356 How Does the ‘Rest-Self Overlap’ Mediate the Qualitative and Automatic Features of Self-Reference?
10 citations
Cognitive Neuroscience · 7, 18-20
https://exaly.com/article/65755419

357 Decoupled Temporal Variability and Signal Synchronization of Spontaneous Brain Activity in Loss of Consciousness: An fMRI Study in Anesthesia
83 citations
NeuroImage · 124, 693-703
https://exaly.com/article/65758199

Ordered by publication year, newest first

2016 / continued

358 Can We Distinguish an “I” and “ME” During Listening?—An Event-Related EEG Study on the Processing of First and Second Person Personal and Possessive Pronouns
Self and Identity · 15, 120-138
https://exaly.com/article/65772491
9 citations

359 Is the Sense of Agency in Schizophrenia Influenced by Resting-State Variation in Self-Referential Regions of the Brain?
Schizophrenia Bulletin · 42, 270-6
https://exaly.com/article/65786871
40 citations

360 Resting State Glutamate Predicts Elevated Pre-Stimulus Alpha During Self-Relatedness: A Combined EEG-MRS Study on “Rest-Self Overlap”
Social Neuroscience · 11, 249-63
https://exaly.com/article/65790783
60 citations

2015

361 Is Schizophrenia a Spatiotemporal Disorder of the Brain's Resting State?
World Psychiatry · 14, 34-35
https://exaly.com/article/60244178
45 citations

362 Increase in Glutamate/Glutamine Concentration in the Medial Prefrontal Cortex During Mental Imagery: A Combined Functional Mrs and fMRI Study
Human Brain Mapping · 36, 3204-12
https://exaly.com/article/60566201
40 citations

363 GABAA Receptor Deficits Predict Recovery in Patients With Disorders of Consciousness: A Preliminary Multimodal [(11) C]Flumazenil PET and fMRI Study
Human Brain Mapping · 36, 3867-77
https://exaly.com/article/60771170
22 citations

364 Negative Childhood Experiences Alter a Prefrontal-Insular-Motor Cortical Network in Healthy Adults: A Preliminary Multimodal rsfMRI-fMRI-MRS-dMRI Study
Human Brain Mapping · 36, 4622-37
https://exaly.com/article/60771181
77 citations

365 How Are Different Neural Networks Related to Consciousness?
Annals of Neurology · 78, 594-605
https://exaly.com/article/60782388
131 citations

366 Cultural Neuroscience and Neurophilosophy: Does the Neural Code Allow for the Brain’s Enculturation?
Journal unavailable
https://exaly.com/article/60914025
7 citations

Ordered by publication year, newest first

2015 / continued

367 **Neural Activity During Interoceptive Awareness and Its Associations With Alexithymia—An fMRI Study in Major Depressive Disorder and Non-Psychiatric Controls**
38 citations
Frontiers in Psychology · 6, 121082
https://exaly.com/article/61057330

368 **How the Self Is Altered in Psychiatric Disorders**
3 citations
Journal unavailable
https://exaly.com/article/61061380

369 **Is Free Will an Observer-Based Concept Rather Than a Brain-Based One? A Critical Neuroepistemological Account**
0 citations
Journal unavailable
https://exaly.com/article/61132166

370 **A Fallacious Jar? The Peculiar Relation Between Descriptive Premises and Normative Conclusions in Neuroethics**
6 citations
Theoretical Medicine and Bioethics · 36, 215-235
https://exaly.com/article/61238958

371 **Intertrial Variability in the Premotor Cortex Accounts for Individual Differences in Peripersonal Space**
61 citations
Journal of Neuroscience · 35, 16328-16339
https://exaly.com/article/61503956

372 **Anxious Attachment Style and Hopelessness as Predictors of Burden in Caregivers of Patients With Disorders of Consciousness: A Pilot Study**
23 citations
Brain Injury · 29, 466-72
https://exaly.com/article/61625049

373 **Resting State Activity and the "Stream of Consciousness" in Schizophrenia--Neurophenomenal Hypotheses**
56 citations
Schizophrenia Bulletin · 41, 280-90
https://exaly.com/article/61656292

374 **Do Brain Lesions in Stroke Affect Basic Emotions and Attachment?**
18 citations
Journal of Clinical and Experimental Neuropsychology · 37, 595-613
https://exaly.com/article/61724874

375 **Why Is the Distinction Between Neural Predispositions, Prerequisites, and Correlates of the Level of Consciousness Clinically Relevant?**
21 citations
Stroke · 46, 1147-51
https://exaly.com/article/61827104

Ordered by publication year, newest first

2015 / continued

376 Interoception in Insula Subregions as a Possible State Marker for Depression—An Exploratory fMRI Study Investigating Healthy, Depressed and Remitted Participants
85 citations
Frontiers in Behavioral Neuroscience · 9, 127482
https://exaly.com/article/62331107

377 Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury
170 citations
Journal of Neuroscience · 35, 12932-12946
https://exaly.com/article/62689275

378 Functional Connectivity and Neuronal Variability of Resting State Activity in Bipolar Disorder--Reduction and Decoupling in Anterior Cortical Midline Structures
126 citations
Human Brain Mapping · 36, 666-82
https://exaly.com/article/62767844

379 Psychoanalyse und Neurowissenschaften
5 citations
Journal unavailable
https://exaly.com/article/163831842

2014

380 Interoceptive Awareness and the Insula - Application of Neuroimaging Techniques in Psychotherapy
2 citations
GSTF Journal of Psychology
https://exaly.com/article/57416702

381 Reduced Resting-State Functional Connectivity of the Somatosensory Cortex Predicts Psychopathological Symptoms in Women With Bulimia Nervosa
49 citations
Frontiers in Behavioral Neuroscience · 8, 89149
https://exaly.com/article/57449516

382 How Is Our Self Altered in Psychiatric Disorders? A Neurophenomenal Approach to Psychopathological Symptoms
55 citations
Psychopathology · 47, 365-376
https://exaly.com/article/57686160

383 The Brain's Intrinsic Activity and Inner Time Consciousness in Schizophrenia
7 citations
World Psychiatry · 13, 144-145
https://exaly.com/article/58237929

Ordered by publication year, newest first

2014 / continued

384 Different Neural Manifestations of Two Slow Frequency Bands in Resting Functional Magnetic Resonance Imaging: A Systemic Survey at Regional, Interregional, and Network Levels

69 citations

Brain Connectivity · 4, 242-55

https://exaly.com/article/58248125

385 The Association of Interoceptive Awareness and Alexithymia With Neurotransmitter Concentrations in Insula and Anterior Cingulate

145 citations

Social Cognitive and Affective Neuroscience · 9, 857-63

https://exaly.com/article/58407486

386 A Comparison of Neural Responses to Appetitive and Aversive Stimuli in Humans and Other Mammals

100 citations

Neuroscience and Biobehavioral Reviews · 45, 350-368

https://exaly.com/article/58455984

387 Resting-State Functional Magnetic Resonance Imaging: Review of Neurosurgical Applications

101 citations

Neurosurgery · 74, 453

https://exaly.com/article/58636269

388 External Awareness and GABA--a Multimodal Imaging Study Combining fMRI and [18F]Flumazenil-PET

33 citations

Human Brain Mapping · 35, 173-84

https://exaly.com/article/58673442

389 The Self and Its Resting State in Consciousness: An Investigation of the Vegetative State

94 citations

Human Brain Mapping · 35, 1997-2008

https://exaly.com/article/58765413

390 How to Investigate Neuro-Biochemical Relationships on a Regional Level in Humans? Methodological Considerations for Combining Functional With Biochemical Imaging

22 citations

Journal of Neuroscience Methods · 221, 183-188

https://exaly.com/article/58911515

391 Self Processing in the Brain: A Paradigmatic fMRI Case Study With a Professional Singer

24 citations

Brain and Cognition · 87, 104-108

https://exaly.com/article/58922383

Ordered by publication year, newest first

2014 / continued

392 Neuropsychiatric Symptoms in Alzheimer's Disease Are Related to Functional Connectivity Alterations in the Salience Network — 180 citations

Human Brain Mapping · 35, 1237-46

https://exaly.com/article/58939703

393 Altered Temporal Variance and Neural Synchronization of Spontaneous Brain Activity in Anesthesia — 64 citations

Human Brain Mapping · 35, 5368-78

https://exaly.com/article/59048006

394 Neural Overlap Between Resting State and Self-Relevant Activity in Human Subcallosal Cingulate Cortex – Single Unit Recording in an Intracranial Study — 20 citations

Cortex · 60, 139-144

https://exaly.com/article/59061931

395 Cortical GABA Neurons and Self-Focus in Depression: A Model Linking Cellular, Biochemical and Neural Network Findings — 19 citations

Molecular Psychiatry · 19, 959-959

https://exaly.com/article/59115420

396 Do Cortical Midline Variability and Low Frequency Fluctuations Mediate William James' "Stream of Consciousness"? "Neurophenomenal Balance Hypothesis" of "Inner Time Consciousness" — 12 citations

Consciousness and Cognition · 30, 184-200

https://exaly.com/article/59281910

397 Associations of Regional GABA and Glutamate With Intrinsic and Extrinsic Neural Activity in Humans—A Review of Multimodal Imaging Studies — 201 citations

Neuroscience and Biobehavioral Reviews · 47, 36-52

https://exaly.com/article/59352514

398 Generation of the Probabilistic Template of Default Mode Network Derived From Resting-State fMRI — 6 citations

IEEE Transactions on Biomedical Engineering · 61, 2550-2555

https://exaly.com/article/59374889

399 Why Are Cortical GABA Neurons Relevant to Internal Focus in Depression? A Cross-Level Model Linking Cellular, Biochemical and Neural Network Findings — 141 citations

Molecular Psychiatry · 19, 966-977

https://exaly.com/article/59418295

400 Linear Noise Approximation for Oscillations in a Stochastic Inhibitory Network With Delay — 11 citations

Physical Review E · 90, 012702

https://exaly.com/article/59481817

Ordered by publication year, newest first

2014 / continued

401 **Altered Brain Long-Range Functional Interactions Underlying the Link Between Aberrant Self-Experience and Self-Other Relationship in First-Episode Schizophrenia**
Schizophrenia Bulletin · 40, 1072-82
https://exaly.com/article/59532717
60 citations

402 **Resting Network Is Composed of More Than One Neural Pattern: An fMRI Study**
Neuroscience · 274, 198-208
https://exaly.com/article/59748926
28 citations

403 **Using fMRI to Decode True Thoughts Independent of Intention to Conceal**
NeuroImage · 99, 80-92
https://exaly.com/article/59784539
20 citations

404 **GABA in the Insula — A Predictor of the Neural Response to Interoceptive Awareness**
NeuroImage · 86, 10-18
https://exaly.com/article/59790598
122 citations

405 **Brain Network Informed Subject Community Detection in Early-Onset Schizophrenia**
Scientific Reports · 4, 1-12
https://exaly.com/article/62911018
47 citations

406 **Minding the Brain**
Journal unavailable
https://exaly.com/article/83277985
61 citations

407 **Interoceptive Awareness and the Insula – Application of Neuroimaging Techniques in Psychotherapy**
GSTF Journal of Psychology
https://exaly.com/article/90144891
1 citations

408 **Are Auditory Hallucinations Related to the Brain's Resting State Activity? A 'Neurophenomenal Resting State Hypothesis'**
Clinical Psychopharmacology and Neuroscience · 12, 189-195
https://exaly.com/article/90826553
56 citations

409 **Wie kommt die Kultur in den Kopf?**
Journal unavailable
https://exaly.com/article/101798527
1 citations

410 Journal unavailable
https://exaly.com/article/223040425
0 citations

Ordered by publication year, newest first

2013

411 **Interoceptive Awareness Enhances Neural Activity During Empathy** — 95 citations
Human Brain Mapping · 34, 1615-24
https://exaly.com/article/54741719

412 **Neurophilosophy** — 1 citations
Journal unavailable
https://exaly.com/article/54799389

413 **Gene, Brains, and Environment—Genetic Neuroimaging of Depression** — 50 citations
Current Opinion in Neurobiology · 23, 133-142
https://exaly.com/article/54863910

414 **Impaired Self-Referential Processing in Mesial Temporal Lobe Epilepsy: A Functional MRI Study** — 5 citations
Neuroscience Letters · 555, 187-192
https://exaly.com/article/55127982

415 **Brain and Self – A Neurophilosophical Account** — 61 citations
Child and Adolescent Psychiatry and Mental Health · 7, 1-12
https://exaly.com/article/55216059

416 **What Is Culture? Culture Is Context-Dependence!** — 7 citations
Culture and Brain · 1, 77-99
https://exaly.com/article/55236731

417 **SEEKING and Depression in Stroke Patients: An Exploratory Study** — 22 citations
Journal of Clinical and Experimental Neuropsychology · 35, 348-58
https://exaly.com/article/55331275

418 **Grey Matter Density and GABAA Binding Potential Show a Positive Linear Relationship Across Cortical Regions** — 12 citations
Neuroscience · 235, 226-231
https://exaly.com/article/55642408

419 **Neuroimaging in Pedophilia** — 17 citations
Current Psychiatry Reports · 15, 1-9
https://exaly.com/article/55815090

420 **GABAA Receptors Predict Aversion-Related Brain Responses: An fMRI-PET Investigation in Healthy Humans** — 24 citations
Neuropsychopharmacology · 38, 1438-1450
https://exaly.com/article/55819021

Ordered by publication year, newest first

2013 / continued

421 A Cultural Neuroscience Approach to the Biosocial Nature of the Human Brain
364 citations
Annual Review of Psychology · 64, 335-59
https://exaly.com/article/55902939

422 Glutamate Concentration in the Medial Prefrontal Cortex Predicts Resting-State Cortical-Subcortical Functional Connectivity in Humans
87 citations
PLoS ONE · 8, e60312
https://exaly.com/article/55915042

423 What the Brain's Intrinsic Activity Can Tell Us About Consciousness? A Tri-Dimensional View
88 citations
Neuroscience and Biobehavioral Reviews · 37, 726-738
https://exaly.com/article/55949475

424 Resting-State EEG Power Predicts Conflict-Related Brain Activity in Internally Guided but Not in Externally Guided Decision-Making
69 citations
NeuroImage · 66, 9-21
https://exaly.com/article/55983319

425 What Is Consciousness? A Tridimensional View and Neural Predispositions of Consciousness (NPC)
3 citations
Neuropsychoanalysis · 15, 59-62
https://exaly.com/article/55997141

426 Methodische Defizite in der Neuroethik
5 citations
Der Nervenarzt · 84, 1196-1202
https://exaly.com/article/56080510

427 Reduced Deactivation in Reward Circuitry and Midline Structures During Emotion Processing in Borderline Personality Disorder
44 citations
World Journal of Biological Psychiatry · 14, 45-56
https://exaly.com/article/56253816

428 Overview of Potential Procedural and Participant-Related Confounds for Neuroimaging of the Resting State
72 citations
Journal of Psychiatry and Neuroscience · 38, 84-96
https://exaly.com/article/56260348

429 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
28 citations
Frontiers in Human Neuroscience · 7, 53609
https://exaly.com/article/57223127

Ordered by publication year, newest first

2013 / continued

430 **Essentials of Psychoanalytic Process and Change: How Can We Investigate the Neural Effects of Psychodynamic Psychotherapy in Individualized Neuro-Imaging?**
28 citations
Frontiers in Human Neuroscience · 7, 56080
https://exaly.com/article/57223143

431 **Changes in Brain Activity of Somatoform Disorder Patients During Emotional Empathy After Multimodal Psychodynamic Psychotherapy**
33 citations
Frontiers in Human Neuroscience · 7, 50438
https://exaly.com/article/57223187

432 **Self-Specific Stimuli Interact Differently Than Non-Self-Specific Stimuli With Eyes-Open Versus Eyes-Closed Spontaneous Activity in Auditory Cortex**
10 citations
Frontiers in Human Neuroscience · 7, 55934
https://exaly.com/article/57223206

433 **Resting State Low-Frequency Fluctuations in Prefrontal Cortex Reflect Degrees of Harm Avoidance and Novelty Seeking: An Exploratory NIRS Study**
16 citations
Frontiers in Systems Neuroscience · 7, 69566
https://exaly.com/article/57224183

434 **Unlocking the Brain: Volume 1: Coding**
26 citations
Journal unavailable
https://exaly.com/article/85381824

435 **Unlocking the Brain: Volume 2: Consciousness**
42 citations
Journal unavailable
https://exaly.com/article/85381825

436 **Religion und Gehirn – Wer beeinflusst wen?**
0 citations
Journal unavailable
https://exaly.com/article/100749333

2012

437 **Neural Substrates Underlying Intentional Empathy**
58 citations
Social Cognitive and Affective Neuroscience · 7, 135-144
https://exaly.com/article/53408394

438 **¿Es el yo simplemente la recompensa?**
0 citations
Psiquiatria Biologica · 19, 42-48
https://exaly.com/article/53512872

439 **Immanuel Kant's Mind and the Brain's Resting State**
59 citations
Trends in Cognitive Sciences · 16, 356-359
https://exaly.com/article/53546728

Ordered by publication year, newest first

2012 / continued

440 Common Brain Activations for Painful and Non-Painful Aversive Stimuli
84 citations
BMC Neuroscience · 13, 1-18
https://exaly.com/article/53697247

441 Culture Modulates Brain Activity During Empathy With Anger
95 citations
NeuroImage · 59, 2871-2882
https://exaly.com/article/53847382

442 Glutamate Modulates Resting State Activity in the Perigenual Anterior Cingulate Cortex – A Combined fMRI–MRS Study
70 citations
Neuroscience · 227, 102-109
https://exaly.com/article/53848546

443 Is There a Valence-Specific Pattern in Emotional Conflict in Major Depressive Disorder? An Exploratory Psychological Study
17 citations
PLoS ONE · 7, e31983
https://exaly.com/article/54048809

444 Psychoanalysis and the Brain – Why Did Freud Abandon Neuroscience?
44 citations
Frontiers in Psychology · 3, 19237
https://exaly.com/article/54066978

445 From Emotions to Consciousness – A Neuro-Phenomenal and Neuro-Relational Approach
40 citations
Frontiers in Psychology · 3, 25860
https://exaly.com/article/54067183

446 GABAA Receptors in Visual and Auditory Cortex and Neural Activity Changes During Basic Visual Stimulation
21 citations
Frontiers in Human Neuroscience · 6, 33238
https://exaly.com/article/54087150

447 Distinction Between Externally vs. Internally Guided Decision-Making: Operational Differences, Meta-Analytical Comparisons and Their Theoretical Implications
83 citations
Frontiers in Neuroscience · 6, 21058
https://exaly.com/article/54087212

448 Altered Brain Activity During Emotional Empathy in Somatoform Disorder
51 citations
Human Brain Mapping · 33, 2666-85
https://exaly.com/article/54340970

Ordered by publication year, newest first

2012 / continued

449 **Autoepistemic Limitation and the Brain's Neural Code: Comment on "Neuroontology, Neurobiological Naturalism, and Consciousness: A Challenge to Scientific Reduction and a Solution" by Todd E. Feinberg**
Physics of Life Reviews · 9, 38-39
https://exaly.com/article/54620641
2 citations

450 **Dissociation Between Anterior and Posterior Cortical Regions During Self-Specificity and Familiarity: A Combined fMRI-Meta-Analytic Study**
Human Brain Mapping · 33, 154-64
https://exaly.com/article/54696267
104 citations

451 **Neural Correlates of a Single-Session Massage Treatment**
Brain Imaging and Behavior · 6, 77-87
https://exaly.com/article/54712569
51 citations

452 **Personality Functioning and the Cortical Midline Structures – An Exploratory fMRI Study**
PLoS ONE · 7, e49956
https://exaly.com/article/86987719
25 citations

453 **Selbst, Gehirn und Umwelt – konzeptuelle und empirische Befunde zum selbstbezogenen Processing und ihre Implikationen**
Journal unavailable
https://exaly.com/article/99070136
1 citations

454 **Pedophilia**
Journal unavailable
https://exaly.com/article/99419272
1 citations

455 **Selbst und Körper in der Depression**
Zeitschrift Fur Psychiatrie, Psychologie Und Psychotherapie · 60, 177-183
https://exaly.com/article/99648837
3 citations

456 The Proceedings of the Annual Convention of the Japanese Psychological Association · 76, 2PMA17
https://exaly.com/article/99775031
0 citations

2011

457 **Is Our Self Nothing but Reward?**
Biological Psychiatry · 69, 1019-1025
https://exaly.com/article/50073483
174 citations

Ordered by publication year, newest first

2011 / continued

458 How Can the Brain's Resting State Activity Generate Hallucinations? A 'Resting State Hypothesis' of Auditory Verbal Hallucinations — 194 citations

Schizophrenia Research · 127, 202-214

https://exaly.com/article/50130951

459 Are Emotions Associated With Activity During Rest or Interoception? An Exploratory fMRI Study in Healthy Subjects — 45 citations

Neuroscience Letters · 491, 87-92

https://exaly.com/article/50312167

460 Self and Brain: What Is Self-Related Processing? — 69 citations

Trends in Cognitive Sciences · 15, 186-187

https://exaly.com/article/50350001

461 How Is Our Self Related to Midline Regions and the Default-Mode Network? — 815 citations

NeuroImage · 57, 1221-1233

https://exaly.com/article/50404055

462 Identifying a Network of Brain Regions Involved in Aversion-Related Processing: A Cross-Species Translational Investigation — 87 citations

Frontiers in Integrative Neuroscience · 5, 12950

https://exaly.com/article/50654660

463 Altered Negative Unconscious Processing in Major Depressive Disorder: An Exploratory Neuropsychological Study — 21 citations

PLoS ONE · 6, e21881

https://exaly.com/article/50674622

464 Discovering Imaging Endophenotypes for Major Depression — 262 citations

Molecular Psychiatry · 16, 604-619

https://exaly.com/article/51036513

465 The 'Resting-State Hypothesis' of Major Depressive Disorder—A Translational Subcortical–Cortical Framework for a System Disorder — 206 citations

Neuroscience and Biobehavioral Reviews · 35, 1929-1945

https://exaly.com/article/51060400

466 Involvement of Glutamate in Rest-Stimulus Interaction Between Perigenual and Supragenual Anterior Cingulate Cortex: A Combined fMRI-MRS Study — 63 citations

Human Brain Mapping · 32, 2172-82

https://exaly.com/article/51496609

467 Brain Imaging of the Self – Conceptual, Anatomical and Methodological Issues — 131 citations

Consciousness and Cognition · 20, 52-63

https://exaly.com/article/51562678

Ordered by publication year, newest first

2011 / continued

468 Is There a Core Neural Network in Empathy? An fMRI Based Quantitative Meta-Analysis
835 citations
Neuroscience and Biobehavioral Reviews · 35, 903-911
https://exaly.com/article/51592062

469 How Is Informed Consent Related to Emotions and Empathy? An Exploratory Neuroethical Investigation
14 citations
Journal of Medical Ethics · 37, 311-317
https://exaly.com/article/51702634

470 Multimodal Psychodynamic Psychotherapy Induces Normalization of Reward Related Activity in Somatoform Disorder
30 citations
World Journal of Biological Psychiatry · 12, 296-308
https://exaly.com/article/51767955

471 Reduced Negative BOLD Responses in the Default-Mode Network and Increased Self-Focus in Depression
107 citations
World Journal of Biological Psychiatry · 12, 627-37
https://exaly.com/article/51815098

472 The Narcissistic Self and Its Psychological and Neural Correlates: An Exploratory fMRI Study
102 citations
Psychological Medicine · 41, 1641-1650
https://exaly.com/article/51985362

473 Neuropsychoanalysis in Practice: Brain, Self and Objects
76 citations
Journal unavailable
https://exaly.com/article/85428502

474 The Brain and Its Self: Concepts of Self and the Cortical Midline Structures
2 citations
On Thinking
https://exaly.com/article/97791175

2010

475 Differential Modulation of Valence and Arousal in High-Alexithymic and Low-Alexithymic Individuals
20 citations
NeuroReport · 21, 998
https://exaly.com/article/47663520

476 Decreased Neuronal Activity in Reward Circuitry of Pathological Gamblers During Processing of Personal Relevant Stimuli
64 citations
Human Brain Mapping · 31, 1802-12
https://exaly.com/article/48104850

Ordered by publication year, newest first

2010 / continued

477 Anterior Cingulate Activity and the Self in Disorders of Consciousness
109 citations
Human Brain Mapping · 31, 1993-2002
https://exaly.com/article/48104858

478 Lorazepam Modulates Orbitofrontal Signal Changes During Emotional Processing in Catatonia
71 citations
Human Psychopharmacology · 25, 55-62
https://exaly.com/article/48106714

479 Is Subcortical–Cortical Midline Activity in Depression Mediated by Glutamate and GABA? A Cross-Species Translational Approach
136 citations
Neuroscience and Biobehavioral Reviews · 34, 592-605
https://exaly.com/article/48285399

480 Emotional Processing and Executive Functions in Major Depressive Disorder: Dorsal Prefrontal Activity Correlates With Performance in the Intra–Extra Dimensional Set Shift
22 citations
Acta Neuropsychiatrica · 22, 269-279
https://exaly.com/article/48470098

481 Japanese Journal of Physiological Psychology and Psychophysiology · 28, 45-55
1 citations
https://exaly.com/article/48547079

482 Increased Activation of the Supragenual Anterior Cingulate Cortex During Visual Emotional Processing in Male Subjects With High Degrees of Alexithymia: An Event-Related fMRI Study
44 citations
Psychotherapy and Psychosomatics · 79, 363-370
https://exaly.com/article/48820327

483 Abnormal Body Perception and Neural Activity in the Insula in Depression: An fMRI Study of the Depressed “Material Me”
139 citations
World Journal of Biological Psychiatry · 11, 538-49
https://exaly.com/article/48932337

484 Delineating Self-Referential Processing From Episodic Memory Retrieval: Common and Dissociable Networks
134 citations
NeuroImage · 50, 1606-1617
https://exaly.com/article/49356975

485 Region-Based Approach Versus Mechanism-Based Approach to the Brain
2 citations
Neuropsychoanalysis · 12, 167-170
https://exaly.com/article/49404232

Ordered by publication year, newest first

2010 / continued

486 Medial Prefrontal Cortex–Dorsal Anterior Cingulate Cortex Connectivity During Behavior Selection Without an Objective Correct Answer
20 citations
Neuroscience Letters · 482, 220-224
https://exaly.com/article/49477787

487 The Brain and Its Resting State Activity—Experimental and Methodological Implications
95 citations
Progress in Neurobiology · 92, 593-600
https://exaly.com/article/49546968

488 Humans, Brains, and Their Environment: Marriage Between Neuroscience and Anthropology?
24 citations
Neuron · 65, 748-751
https://exaly.com/article/49548594

489 Rest-Stimulus Interaction in the Brain: A Review
229 citations
Trends in Neurosciences · 33, 277-284
https://exaly.com/article/49556586

490 The Neuroanatomy of Asomatognosia and Somatoparaphrenia
159 citations
Journal of Neurology, Neurosurgery and Psychiatry · 81, 276-281
https://exaly.com/article/49749065

2009

491 Is Our Self Nothing but Reward? Neuronal Overlap and Distinction Between Reward and Personal Relevance and Its Relation to Human Personality
117 citations
PLoS ONE · 4, e8429
https://exaly.com/article/45344416

492 Altered Negative BOLD Responses in the Default-Mode Network During Emotion Processing in Depressed Subjects
315 citations
Neuropsychopharmacology · 34, 932-943
https://exaly.com/article/45723710

493 The Relationship Between Aberrant Neuronal Activation in the Pregenual Anterior Cingulate, Altered Glutamatergic Metabolism, and Anhedonia in Major Depression
281 citations
Archives of General Psychiatry · 66, 478-486
https://exaly.com/article/45746066

494 Preceding Attention and the Dorsomedial Prefrontal Cortex: Process Specificity Versus Domain Dependence
38 citations
Human Brain Mapping · 30, 312-326
https://exaly.com/article/46059863

Ordered by publication year, newest first

2009 / continued

495 **Differential Parametric Modulation of Self-Relatedness and Emotions in Different Brain Regions**
130 citations
Human Brain Mapping · 30, 369-82
https://exaly.com/article/46059867

496 **Decreased Neural Activity in Reward Circuitry During Personal Reference in Abstinent Alcoholics--a fMRI Study**
50 citations
Human Brain Mapping · 30, 1691-704
https://exaly.com/article/46059973

497 **Increased Self-Focus in Major Depressive Disorder Is Related to Neural Abnormalities in Subcortical-Cortical Midline Structures**
240 citations
Human Brain Mapping · 30, 2617-27
https://exaly.com/article/46060032

498 **The Trans-Species Core SELF: The Emergence of Active Cultural and Neuro-Ecological Agents Through Self-Related Processing Within Subcortical-Cortical Midline Networks**
133 citations
Consciousness and Cognition · 18, 193-215
https://exaly.com/article/46514689

499 **Depression and the Brain's Input: Intrinsic Brain Activity and Difference-Based Coding**
1 citations
Neuropsychoanalysis · 11, 85-86
https://exaly.com/article/46622991

500 **Emotional Feeling and the Orbitomedial Prefrontal Cortex: Theoretical and Empirical Considerations**
9 citations
Philosophical Psychology · 22, 443-464
https://exaly.com/article/46636610

501 **Segregated Neural Representation of Psychological and Somatic-Vegetative Symptoms in Severe Major Depression**
19 citations
Neuroscience Letters · 456, 49-53
https://exaly.com/article/46760380

502 **Attentional Modulation of Emotional Stimulus Processing in Patients With Major Depression—Alterations in Prefrontal Cortical Regions**
56 citations
Neuroscience Letters · 463, 108-113
https://exaly.com/article/46760688

503 **Understanding the Self: A Cultural Neuroscience Approach**
74 citations
Progress in Brain Research · 178, 203-212
https://exaly.com/article/47112168

Ordered by publication year, newest first

2009 / continued

504 **What Is Neuroethics? Empirical and Theoretical Neuroethics**
26 citations
Current Opinion in Psychiatry · 22, 565
https://exaly.com/article/47197576

505 **Kripke's Modal Argument Is Challenged by His Implausible Conception of Introspection**
0 citations
Kriterion (Austria) · 22, 13-31
https://exaly.com/article/156187343

2008

506 **Are Our Emotional Feelings Relational? A Neurophilosophical Investigation of the James–Lange Theory**
12 citations
Phenomenology and the Cognitive Sciences · 7, 501-527
https://exaly.com/article/43222866

507 **High Resolution fMRI of Subcortical Regions During Visual Erotic Stimulation at 7 T**
62 citations
Magnetic Resonance Materials in Physics, Biology, and Medicine · 21, 103-111
https://exaly.com/article/43322259

508 **Neuropsychiatry**
18 citations
European Archives of Psychiatry and Clinical Neuroscience · 258, 226-238
https://exaly.com/article/43331205

509 **S-Ketamine and GABA-a-Receptor Interaction in Humans: An Exploratory Study With I-123-Iomazenil SPECT**
21 citations
Human Psychopharmacology · 23, 549-554
https://exaly.com/article/43416949

510 **Neurophilosophical Perspectives of Neuroimaging in Forensic Psychiatry—Giving Way to a Paradigm Shift?**
23 citations
Behavioral Sciences and the Law · 26, 113-130
https://exaly.com/article/43435526

511 **Reading Direction and Culture**
44 citations
Nature Reviews Neuroscience · 9, 965-965
https://exaly.com/article/43656120

512 **Culture-Sensitive Neural Substrates of Human Cognition: A Transcultural Neuroimaging Approach**
489 citations
Nature Reviews Neuroscience · 9, 646-654
https://exaly.com/article/43656121

Ordered by publication year, newest first

2008 / continued

513 Novelty Seeking Modulates Medial Prefrontal Activity During the Anticipation of Emotional Stimuli
25 citations
Psychiatry Research - Neuroimaging · 164, 81-85
https://exaly.com/article/43821532

514 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
643 citations
Biological Psychiatry · 63, 369-376
https://exaly.com/article/43901807

515 Distinguishing Specific Sexual and General Emotional Effects in fMRI—Subcortical and Cortical Arousal During Erotic Picture Viewing
194 citations
NeuroImage · 40, 1482-1494
https://exaly.com/article/44133417

516 Commentary On: “Functional Neuroimaging—Can It Contribute to Our Understanding of Processes of Change?”
0 citations
Neuropsychoanalysis · 10, 32-36
https://exaly.com/article/44332670

517 What Kind of Neural Coding and Self Does Hurley's Shared Circuit Model Presuppose?
1 citations
Behavioral and Brain Sciences · 31, 33-34
https://exaly.com/article/44399548

518 Katatonie — Psychologie
1 citations
Journal unavailable
https://exaly.com/article/83714815

519 Katatonie — Bildgebung
1 citations
Journal unavailable
https://exaly.com/article/83714816

2007

520 How Does Our Brain Constitute Defense Mechanisms? First-Person Neuroscience and Psychoanalysis
96 citations
Psychotherapy and Psychosomatics · 76, 141-153
https://exaly.com/article/41463032

521 Brain Pathology in Pedophilic Offenders: Evidence of Volume Reduction in the Right Amygdala and Related Diencephalic Structures
152 citations
Archives of General Psychiatry · 64, 737-746
https://exaly.com/article/41512536

Ordered by publication year, newest first

2007 / continued

522 Subcortical Regions and the Self
Behavioral and Brain Sciences · 30, 100-101
https://exaly.com/article/41677820
2 citations

523 Pedophilia Is Linked to Reduced Activation in Hypothalamus and Lateral Prefrontal Cortex During Visual Erotic Stimulation
Biological Psychiatry · 62, 698-701
https://exaly.com/article/42410365
110 citations

524 GABA Concentrations in the Human Anterior Cingulate Cortex Predict Negative BOLD Responses in fMRI
Nature Neuroscience · 10, 1515-1517
https://exaly.com/article/42811038
332 citations

525 Psychopathology and Pathophysiology of the Self in Depression — Neuropsychiatric Hypothesis
Journal of Affective Disorders · 104, 1-14
https://exaly.com/article/42938823
200 citations

526 Selbst, Gehirn und Umwelt — konzeptuelle und empirische Befunde zum selbstbezogenen Processing
Journal unavailable
https://exaly.com/article/121121706
0 citations

2006

527 Segregated Neural Representation of Distinct Emotion Dimensions in the Prefrontal Cortex—An fMRI Study
NeuroImage · 30, 325-340
https://exaly.com/article/39688795
182 citations

528 Dissociable Networks for the Expectancy and Perception of Emotional Stimuli in the Human Brain
NeuroImage · 30, 588-600
https://exaly.com/article/39688829
122 citations

529 Self-Referential Processing in Our Brain—A Meta-Analysis of Imaging Studies on the Self
NeuroImage · 31, 440-457
https://exaly.com/article/39688966
2,609 citations

530 Principles of Neuronal Integration and Defense Mechanisms: Neuropsychoanalytic Hypothesis
Neuropsychoanalysis · 8, 69-84
https://exaly.com/article/39805803
26 citations

Ordered by publication year, newest first

2006 / continued

531 Executive Dysfunction, Self, and Ego Pathology in Schizophrenia: An Exploratory Study of Neuropsychology and Personality

48 citations

Comprehensive Psychiatry · 47, 7-19

https://exaly.com/article/39873144

532 Effect of Low-Frequency Transcranial Magnetic Stimulation on an Affective Go/No-Go Task in Patients With Major Depression: Role of Stimulation Site and Depression Severity

59 citations

Psychiatry Research · 141, 1-13

https://exaly.com/article/39922495

533 First-Person Neuroscience: A New Methodological Approach for Linking Mental and Neuronal States

41 citations

Philosophy, Ethics, and Humanities in Medicine · 1, 1-10

https://exaly.com/article/40312378

534 Affective Judgment and Beneficial Decision Making: Ventromedial Prefrontal Activity Correlates With Performance in the Iowa Gambling Task

98 citations

Human Brain Mapping · 27, 572-87

https://exaly.com/article/40859129

535 Attentional Modulation of Emotional Stimulus Processing: An fMRI Study Using Emotional Expectancy

83 citations

Human Brain Mapping · 27, 662-77

https://exaly.com/article/40859136

536 Neurobiologische Grundlagen Depressiver Syndrome

8 citations

Fortschritte Der Neurologie Psychiatrie · 74, 696-705

https://exaly.com/article/40964250

537 Neuroscience of Decision Making and Informed Consent: An Investigation in Neuroethics

25 citations

Journal of Medical Ethics · 32, 70-73

https://exaly.com/article/41054628

538 Self-Related Processing in the Sexual Domain: A Parametric Event-Related fMRI Study Reveals Neural Activity in Ventral Cortical Midline Structures

32 citations

Social Neuroscience · 1, 41-51

https://exaly.com/article/41220055

539 How Can Searle Avoid Property Dualism? Epistemic-Ontological Inference and Autoepistemic Limitation

7 citations

Philosophical Psychology · 19, 589-605

https://exaly.com/article/41220934

Ordered by publication year, newest first

2006 / continued

540 **Können Wir Unser Eigenes Gehirn Als Gehirn Erkennen?** 1 citations

Journal unavailable

https://exaly.com/article/121117762

2005

541 **Left Prefrontal Repetitive Transcranial Magnetic Stimulation Impairs Performance in Affective Go/No-Go Task** 19 citations

NeuroReport · 16, 615

https://exaly.com/article/37977427

542 **How Do We Modulate Our Emotions? Parametric fMRI Reveals Cortical Midline Structures as Regions Specifically Involved in the Processing of Emotional Valences** 95 citations

Cognitive Brain Research · 25, 348-358

https://exaly.com/article/38260361

543 **Volume and Neuron Number of the Mediodorsal Thalamic Nucleus in Schizophrenia: A Replication Study** 51 citations

Psychiatry Research - Neuroimaging · 140, 281-289

https://exaly.com/article/38296664

544 **Emotional-Cognitive Integration, the Self, and Cortical Midline Structures** 6 citations

Behavioral and Brain Sciences · 28, 211-212

https://exaly.com/article/38617343

545 **Is Emotion Regulation Self-Regulation?** 18 citations

Trends in Cognitive Sciences · 9, 408-409

https://exaly.com/article/39386769

546 **Deficit in Decision Making in Catatonic Schizophrenia: An Exploratory Study** 73 citations

Psychiatry Research · 134, 131-141

https://exaly.com/article/39396374

547 **NMDA Hypofunction in the Posterior Cingulate as a Model for Schizophrenia: An Exploratory Ketamine Administration Study in fMRI** 72 citations

Schizophrenia Research · 72, 235-248

https://exaly.com/article/39450098

2004

548 **Orbitofrontal Cortical Dysfunction in Akinetic Catatonia: A Functional Magnetic Resonance Imaging Study During Negative Emotional Stimulation** 147 citations

Schizophrenia Bulletin · 30, 405-27

https://exaly.com/article/36635566

Ordered by publication year, newest first

2004 / continued

549 **What Is Neurophilosophy? A Methodological Account** — 16 citations
Journal for General Philosophy of Science · 35, 91-127
https://exaly.com/article/36929621

550 **Reciprocal Modulation and Attenuation in the Prefrontal Cortex: An fMRI Study on Emotional-Cognitive Interaction** — 218 citations
Human Brain Mapping · 21, 202-12
https://exaly.com/article/37107461

551 **Cortical Midline Structures and the Self** — 1,396 citations
Trends in Cognitive Sciences · 8, 102-107
https://exaly.com/article/37487585

552 **Why Do We Need a Philosophy of the Brain?** — 9 citations
Trends in Cognitive Sciences · 8, 484-485
https://exaly.com/article/37487670

553 **Philosophy of the Brain: The Brain Problem** — 45 citations
Advances in Consciousness Research
https://exaly.com/article/85096958

554 **Chapter 7. Neuroimaging and Neurophysiology** — 7 citations
Journal unavailable
https://exaly.com/article/195330274

2003

555 **The Self in Philosophy, Neuroscience and Psychiatry: An Epistemic Approach** — 9 citations
Journal unavailable
https://exaly.com/article/36196198

2002

556 **GABA-Ergic Modulation of Prefrontal Spatio-Temporal Activation Pattern During Emotional Processing: A Combined fMRI/MEG Study With Placebo and Lorazepam** — 47 citations
Journal of Cognitive Neuroscience · 14, 348-370
https://exaly.com/article/33790921

557 **What Catatonia Can Tell Us About “Top-Down Modulation”: A Neuropsychiatric Hypothesis** — 387 citations
Behavioral and Brain Sciences · 25, 555-577
https://exaly.com/article/33833261

Ordered by publication year, newest first

2002 / continued

558 Orbitofrontal Cortical Dysfunction and “Sensori-Motor Regression”: A Combined Study of fMRI and Personal Constructs in Catatonia — 9 citations
Neuropsychoanalysis · 4, 151-171
https://exaly.com/article/34028375

559 Neurophysiology, Neuropsychiatry and Neurophilosophy of Catatonia — 1 citations
Behavioral and Brain Sciences · 25, 592-599
https://exaly.com/article/34420580

560 Multi-Level Network Modeling of Cortical Dynamics Built on the GENESIS Environment — 3 citations
Neurocomputing · 44, 863-868
https://exaly.com/article/34486652

561 Catatonia and Neuroleptic Malignant Syndrome: Psychopathology and Pathophysiology — 163 citations
Journal of Neural Transmission · 109, 1453-1467
https://exaly.com/article/34578645

2001

562 Personale Identität und operative Eingriffe in das Gehirn — 13 citations
Journal unavailable
https://exaly.com/article/91862782

2000

563 Brain Imaging in Catatonia: Current Findings and a Pathophysiologic Model — 62 citations
CNS Spectrums · 5, 34-46
https://exaly.com/article/31096958

564 Right Lower Prefronto-Parietal Cortical Dysfunction in Akinetic Catatonia: A Combined Study of Neuropsychology and Regional Cerebral Blood Flow — 89 citations
Psychological Medicine · 30, 583-596
https://exaly.com/article/31247489

565 Selbstkonzept und Objektbe-ziehungen bei PatientInnen mit affektiven Störungen — 9 citations
PPmP Psychotherapie Psychosomatik Medizinische Psychologie · 50, 328-334
https://exaly.com/article/31870700

566 Das Gehirn — 9 citations
Journal unavailable
https://exaly.com/article/91338830

Ordered by publication year, newest first

1999

567 Decreased Density of GABA-A Receptors in the Left Sensorimotor Cortex in Akinetic Catatonia: Investigation of in Vivo Benzodiazepine Receptor Binding

192 citations

Journal of Neurology, Neurosurgery and Psychiatry · 67, 445-450

https://exaly.com/article/30258258

568 „Katatones Dilemma”Anmerkung zum Beitrag von H. Lausberg und R. Hellweg, Nervenarzt (1998) 69:818–822

0 citations

Der Nervenarzt · 70, 484-485

https://exaly.com/article/30511079

569 Catatonia as a Psychomotor Syndrome: A Rating Scale and Extrapyramidal Motor Symptoms

212 citations

Movement Disorders · 14, 404-416

https://exaly.com/article/30613023

570 Cortical Sulcal Enlargement in Catatonic Schizophrenia: A Planimetric CT Study

36 citations

Psychiatry Research - Neuroimaging · 91, 45-54

https://exaly.com/article/30730704

571 Reduced Activation and Altered Laterality in Two Neuroleptic-Naive Catatonic Patients During a Motor Task in Functional MRI

88 citations

Psychological Medicine · 29, 997-1002

https://exaly.com/article/31028910

572 Therapeutic Efficacy of N-Methyl D-Aspartate Antagonist Amantadine in Febrile Catatonia

39 citations

Journal of Clinical Psychopharmacology · 19, 484

https://exaly.com/article/85512079

1998

573 Schizophrenia and Anteroventral Thalamic Nucleus: Selective Decrease of Parvalbumin-Immunoreactive Thalamocortical Projection Neurons

144 citations

Psychiatry Research - Neuroimaging · 82, 1-10

https://exaly.com/article/29247905

574 Major Differences in Subjective Experience of Akinetic States in Catatonic and Parkinsonian Patients

65 citations

Cognitive Neuropsychiatry · 3, 161-178

https://exaly.com/article/29323005

Ordered by publication year, newest first

1997

575 **Glutamatergic Dysfunction in Catatonia? Successful Treatment of Three Acute Akinetic Catatonic Patients With the NMDA Antagonist Amantadine** — 128 citations

Journal of Neurology, Neurosurgery and Psychiatry · 62, 404-406

https://exaly.com/article/27851915

576 **Structural and Functional Imaging in Catatonia** — 0 citations

Schizophrenia Research · 24, 154

https://exaly.com/article/28243440

577 **Reduction of Thalamocortical Neurons Projecting to Cingulate Gyrus in Schizophrenia** — 0 citations

Biological Psychiatry · 42, 281S-282S

https://exaly.com/article/28254822

578 **Reduced Number of Nitric Oxide Synthase Immunoreactive Neurons in the Nucleus Paraventricularis Hypothalami of Depressed Patients and Schizophrenics** — 1 citations

Journal unavailable

https://exaly.com/article/105971792

1996

579 **Activation Tasks and Motor Function in Patients With Neuroleptic-Induced Akathisia** — 0 citations

European Psychiatry · 11, 199s

https://exaly.com/article/26708209

580 **Plasma Homovanillic Acid Concentrations in Catatonia** — 40 citations

Biological Psychiatry · 39, 436-443

https://exaly.com/article/26712974

581 **Neuroleptic Malignant Syndrome and Catatonia: One Entity or Two?** — 20 citations

Biological Psychiatry · 40, 431-433

https://exaly.com/article/26713229

582 **Do Brain Tissue Transplants Alter Personal Identity? Inadequacies of Some "Standard" Arguments** — 30 citations

Journal of Medical Ethics · 22, 174-180

https://exaly.com/article/26716506

583 **Increase of Serum Creatine Phosphokinase in Catatonia: An Investigation in 32 Acute Catatonic Patients** — 32 citations

Psychological Medicine · 26, 547-553

https://exaly.com/article/27049234

Ordered by publication year, newest first

1995

584 **Ball Experiments in 32 Acute Akinetic Catatonic Patients: Deficits of Internal Initiation and Generation of Movements**

42 citations

Movement Disorders · 10, 589-595

https://exaly.com/article/25833447

585 **Catatonia: Short-Term Response to Lorazepam and Dopaminergic Metabolism**

83 citations

Psychopharmacology · 122, 182-186

https://exaly.com/article/25886790

586 **Qualia im Knotenpunkt zwischen Leib und Seele: „Argumentatives“ Dilemma in der gegenwärtigen Diskussion über die Subjektivität mentaler Zustände**

0 citations

Journal for General Philosophy of Science · 26, 269-295

https://exaly.com/article/25907126

1992

587 **Psychosomatics, the Lived Body, and Anthropological Medicine: Concerning a Case of Atopic Dermatitis**

5 citations

Philosophy and Medicine

https://exaly.com/article/84109466

End of list · 587 articles. Citation counts use Exaly’s peer-reviewed cohort.