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Consciousness/Concept of Brain / Mind and Brain

A Cultural Neuroscience Approach to the Biosocial Nature of the Human Brain

Shihui Han, Georg Northoff, Kai Vogeley, Bruce E. Wexler, Shinobu Kitayama, Michael E.W. Varnum

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314a073e4b0ff95a873e2a4/1393860723707/A-Cultural-Neuroscience-Approach-to-the-Biosocial-Nature-of-the-Human-Brain.pdf>

Gene, brains, and environment—genetic neuroimaging of depression

Georg Northoff

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Kant Und Das Gehirn

Georg Northoff

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

Zirui Huang, Rui Dai, Xuehai Wu, Zhi Yang, Dongqiang Liu, Jin Hu, Liang Gao, Weijun Tang, Ying Mao, Yi Jin, Xing Wu, Bin Liu, Yao Zhang, Lu Lu, Steven Laureys, Xuchu Weng, Georg Northoff

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What the brain's intrinsic activity can tell us about consciousness? A tri-dimensional view

Georg Northoff

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Common brain activations for painful and non-painful aversive stimuli

Dave J. Hayes, Georg Northoff

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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

Georg Northoff

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314afb9e4b0e81d15553ac9/1393864633062/Autoepistemic%20limitation%20and%20the%20brain%E2%80%99s%20neural%20code.pdf>

Immanuel Kant's mind and the brain's resting state

Georg Northoff

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How can the brain's resting state activity generate hallucinations? A 'resting state hypothesis' of auditory verbal hallucinations

Georg Northoff, Pengmin Qin

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314c0d5e4b0e81d1555640a/1393869013533/How%20can%20the%20brain%27s%20resting%20state%20activity%20generate%20hallucinations.pdf>

Identifying a network of brain regions involved in aversion-related processing: a cross-species translational investigation

Dave J. Hayes, Georg Northoff

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Humans, Brains, and Their Environment: Marriage between Neuroscience and Anthropology?

Georg Northoff

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Region-Based Approach versus Mechanism-Based Approach to the Brain

Georg Northoff

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Rest-stimulus interaction in the brain: a review

Georg Northoff, Pengmin Qin, Takashi Nakao

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314d0cde4b0aeaef7707b17/1393873101877/Rest-stimulus%20interaction%20in%20the%20brain.pdf>

The brain and its resting state activity—Experimental and methodological implications

Georg Northoff, Niall W. Duncan, Dave J. Hayes

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What Are the Subjective Processes in Our Brain? Empirical and Ethical Implications of a Relational Concept of the Brain

Georg Northoff

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S-ketamine and GABA-A-receptor interaction in humans: an exploratory study with I-123-iomazenil SPECT

Alexander Heinzl, Rainer Steinke, Thorsten Dirk Poeppel, Oliver Grosser, Bernhard Bogerts, Hans Otto, Georg Northoff

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314def5e4b0d6e41340209d/1393876725823/S-ketamine%20and%20GABA-A-receptor%20interaction%20in%20humans.pdf>

GABA concentrations in the human anterior cingulate cortex predict negative BOLD responses in fMRI

Georg Northoff, Martin Walter, Rolf F. Schulte, Johannes Beck, Ulrike Dydak, Anke Henning, Heinz Boeker, Simone Grimm, Peter Boesiger

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314e2c1e4b080d644c3bd8d/1393877697760/GABA%20concentrations%20in%20the%20human%20ante>

[rior%20cingulate%20cortex%20predict%20negative%20BOLD%20responses%20in%20fMRI.pdf](#)

How Does Our Brain Constitute Defense Mechanisms? First-Person Neuroscience and Psychoanalysis

Georg Northoff, Felix Bermpohl, Frank Schoeneich, Heinz Boeker

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Dissociable networks for the expectancy and perception of emotional stimuli in the human brain

Felix Bermpohl, Alvaro Pascual-Leone, Amir Amedi, Lotfi, B. Marabet, Felipe Fregni, Nadine Gaab, David Alsop, Gottfried Schlaug, Georg Northoff

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Effects of single-pulse transcranial magnetic stimulation (TMS) on functional brain activity: a combined event-related TMS and evoked potential study

G. Thut, G. Northoff, J.R. Ives, Y. Kamitani, A. Pfennig, F. Kampmann, D.L. Schomer, A. Pascual-Leone

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314efd4e4b0d43f6e121ac0/1393881044051/Effects%20of%20single-pulse%20transcranial%20magnetic%20stimulation.pdf>

Emotion/Empathy/Intersubjectivity

Reduced deactivation in reward circuitry and midline structures during emotion processing in borderline personality disorder

Bjoern Enzi, Stephan Doering, Cornelius Faber, Jens Hinrichs, Judith Bahmer, Georg Northoff

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Neural substrates underlying intentional empathy

Moritz de Greck, Gang Wang, Xuedong Yang, Xiaoying Wang, Georg Northoff, Shihui Han

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From emotions to consciousness - a neuro-phenomenal and neuro-relational approach

Georg Northoff

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Are emotions associated with activity during rest or interoception? an exploratory fMRI study in healthy subjects

Christine Wiebking, Moritz de Greck, Niall W. Duncan, Alexander Heinzl, Claus Tempelmann, Georg Northoff

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314b7b3e4b0d6e4133fba14/1393866675831/Are%20emotions%20associated%20with%20activity%20during%20rest%20or%20interoception.pdf>

Culture modulates brain activity during empathy with anger

Moritz de Greck, Zhenhao Shi, Gang Wang, Xiangyu Zuo, Xuedong Yang, Xiaoying Wang, Georg Northoff, Shihui Han

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How is informed consent related to emotions and empathy? An exploratory neuroethical investigation

Alexander Supady, Antonie Voelkel, Joachim Witzel, Udo Gubka

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Is there a core neural network in empathy? An fMRI based quantitative meta-analysis

Yan Fan, Niall W. Duncan, Moritz de Greck, Georg Northoff

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Emotional feeling and the orbitomedial prefrontal cortex: Theoretical and empirical considerations

Alexander Heinzl, Georg Northoff

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Are our emotional feelings relational? A neurophilosophical investigation of the James–Lange theory

Georg Northoff

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Distinguishing specific sexual and general emotional effects in fMRI—Subcortical and cortical arousal during erotic picture viewing

Martin Walter, Felix Bermpohl, Harold Mouras, Kolja Schiltz, Claus Tempelmann, Michael Rotte, Hans Jochen Heinze, Bernhard Bogerts, Georg Northoff

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314dc85e4b03cb5114187b/1393876101394/Distinguishing%20specific%20sexual%20and%20general%20emotional%20effects%20in%20fMRI.pdf>

Is Appraisal ‘Embodied’ and ‘Embedded’? A Neurophilosophical Investigation of Emotions

Georg Northoff

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Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli

Felix BERPPOHL, Alvaro Pascual-Leone, Amir Amedia, Lotfi B. Merabet, Felipe Fregni, Jana Wrase, Florian Schlagenhaut, Michael Bauer, Andreas Heinz, Gottfried Schlaug, Georg Northoff

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

Felix BERPPOHL, Alvaro Pascual-Leone, Amir Amedi, Lotfi, B. Marabet, Felipe Fregni, Nadine Gaab, David Alsop, Gottfried Schlaug, Georg Northoff

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Dissociable networks for the expectancy and perception of emotional stimuli in the human brain

Felix BERPPOHL, Alvaro Pascual-Leone, Amir Amedi, Lotfi, B. Marabet, Felipe Fregni, Nadine Gaab, David Alsop, Gottfried Schlaug, Georg Northoff

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Segregated neural representation of distinct emotion dimensions in the prefrontal cortex—an fMRI study

Simone Grimm, Conny F. Schmidt, Felix BERPPOHL, Alexander Heinzl, Yuliya Dahlem, Michael Wyss, Daniel Hell, Peter Boesiger, Heinz Boeker, Georg Northoff

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Emotional-cognitive integration, the self, and cortical midline structures

Georg Northoff

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How do we modulate our emotions? Parametric fMRI reveals cortical midline structures as regions specifically involved in the processing of emotional valences

Alexander Heinzl, Felix BERPohl, Robert Niese, Andrea Pfenning, Alvaro Pascual-Leone, Gottfried Schlaug, Georg Northoff

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Functional Dissociation between Median and Lateral Prefrontal Cortical Spatiotemporal Activation in Negative and Positive Emotions: A Combined fMRI/MEG Study

Georg Northoff, Andre Richter, Matthias Gessner, Florian Schlagenhaut, Jurgen Fell, Frank Baumgart, Thomas Kaulisch, Rolf Kotter, Klaas E. Stephan, Andreas Leschinger, Tilman Hagner, Bela Bargel, Thomas Witzel, Hermann Hinrichs, Bernhard Bogerts, Henning Scheich, Hans-Jochen Heinze

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Neuroethics

Methodische Defizite in der Neuroethik

Georg Northoff

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How is informed consent related to emotions and empathy? An exploratory neuroethical investigation

Alexander Supady, Antonie Voelkel, Joachim Witzel, Udo Gubka

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What is neuroethics? Empirical and theoretical neuroethics

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Neuroscience of decision making and informed consent: an investigation in neuroethics

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Was ist "Neuroethik" – eine Disziplin der Zukunft?

G. Northoff, J. Witzel, B. Bogerts

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Ethische Probleme bei Hirngewebstransplantationen

Georg Northoff

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Neurophilosophy

Brain and Self - A Neurophilosophical Account

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Neurophilosophie Als Therapie

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Kripke's modal argument is challenged by his implausible conception of introspection

Alexander Heinzel, Georg Northoff

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Neurophilosophical Perspectives of Neuroimaging in Forensic Psychiatry—Giving Way to a Paradigm Shift?

Joachim Witzel, Martin Walter, Bernhard Bogerts, Georg Northoff

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First-Person Neuroscience: A new methodological approach for linking mental and neuronal states

Georg Northoff, Alexander Heinzel

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

Georg Northoff, Kristina Musholt

<http://static.squarespace.com/static/528facb6e4b0a18b7e9cde91/t/5314e70ae4b05444a30d8f75/1393878794448/How%20Can%20Searle%20Avoid%20Property%20Dualism.pdf>

Am I My Brain? Personal Identity and Brain Identity - A Combined Philosophical and Psychological Investigation in Brain Implants

Georg Northoff

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What is Neurophilosophy? A Methodological Account

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Why do we need a philosophy of the brain?

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Qualia and Ventral Prefrontal Cortical Function: Neurophenomenological Hypothesis

Georg Northoff

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Neurophysiology, neuropsychiatry and neurophilosophy of catatonia

Georg Northoff

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“Brain-Paradox” and “Embedment” – Do We Need a “Philosophy of the Brain”?

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Neurophilosophie - ein neuer Ansatz in der Philosophie

Georg Northoff

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Neurophilosophie: eine begriffliche und methodische Charakterisierung

Georg Northoff, A. Heinzel

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Are Q-Memories Empirically Realistic?

Georg Northoff

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Psychomotor Phenomena, Functional Brain Organization, and the Mind-Body Relationship: Do We Need a "Philosophy of the Brain"?

Georg Northoff

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Do brain tissue transplants alter personal identity? Inadequacies of some "standard" arguments

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Qualia im Knotenpunkt zwischen Leib und Seele

Georg Northoff

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Psychiatric Disorders

Altered Brain Long-Range Functional Interactions Underlying the Link Between Aberrant Self-experience and Self-other Relationship in First-Episode Schizophrenia

Sjoerd J. H. Ebisch, Dante Mantini, Georg Northoff, Anatolia Salone, Domenico De Berardis, Francesca Ferri, Filippo M. Ferro, Massimo Di Giannantonio, Gian L. Romani, Vittorio Gallese

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Schizophrenie – eine neuropsychodynamische Betrachtung

Georg Northoff, Michael Dumpelmann

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Gene, brains, and environment—genetic neuroimaging of depression

Georg Northoff

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Neuroimaging in Pedophilia

Christine Wiebking, Georg Northoff

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

Marcio L. F. Balthazar, Fabricio R. S. Pereira, Tatila M. Lopes, Elvis L. da Silva, Ana Carolina Coan, Brunno M. Campos, Niall W. Duncan, Flroindo Stella, Georg Northoff, Benito P. Damasceno, Fernando Cendes

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Reduced deactivation in reward circuitry and midline structures during emotion processing in borderline personality disorder

Bjoern Enzi, Stephan Doering, Cornelius Faber, Jens Hinrichs, Judith Bahmer, Georg Northoff

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SEEKING and depression in stroke patients: an exploratory study

Marina Farinelli, Jaak Panksepp, Laura Gestieri, Maria Rosaria Leo, Raffaele Agati, Monica Maffei, Marco Leonardi, Georg Northoff

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Is There a Valence-Specific Pattern in Emotional Conflict in Major Depressive Disorder? An Exploratory Psychological Study

Zhiguo Hu, Hongyan Liu, Xuchu Weng, Georg Northoff

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Discovering imaging endophenotypes of major depression

G. Hasler, G. Northoff

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Reduced negative BOLD responses in the default-mode network and increased self-focus in depression

Simone Grimm, Jutta Ernst, Peter Boesiger, Daniel Schuepbach, Heinz Boeker, Georg Northoff

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The ‘resting-state hypothesis’ of major depressive disorder—A translational subcortical–cortical framework for a system disorder

Georg Northoff, Christine Wiebking, Todd E. Feinberg, Jaak Panksepp

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Abnormal body perception and neural activity in the insula in depression: An fMRI study of the depressed “material me”

Christine Wiebking, Andre Bauer, Moritz de Greck, Niall W. Duncan, Claus Tempelmann, Georg Northoff

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Decreased Neuronal Activity in Reward Circuitry of Pathological Gamblers During Processing of Personal Relevant Stimuli

Moritz de Greck, Bjorn Enzi, Ulrike Prosch, Ana Gantman, Claus Tempelmann, Georg Northoff

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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

Alexander Heinzl, Ralf Schafer, Hans-Wilhelm Muller, Andre Schieffer, Ariane Ingenhag, Simon B. Eickhoff, Georg Northoff, Matthias Franz, Hubertus Hautzel

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Is subcortical–cortical midline activity in depression mediated by glutamate and GABA? A cross-species translational approach

Antonio Alcaro, Jaak Panksepp, Jan Witzczak, Dave J. Hayes, Georg Northoff

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Lorazepam modulates orbitofrontal signal changes during emotional processing in catatonia

Andre Richter, Simone Grimm, Georg Northoff

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Multimodal psychodynamic psychotherapy induces normalization of reward related activity in somatoform disorder

Moritz de Greck, Lisa Scheidt, Annette F. Bolter, Jorg Frommer, Cornelia Ulrich, Eva Stockum, Bjorn Enzi, Claus Tempelmann, Thilo Hoffmann, Georg Northoff

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Options for the treatment of febrile catatonia

Georg Northoff

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The neuroanatomy of asomatognosia and somatoparaphrenia

Todd E. Feinberg, Annalena Venneri, Anna Maria Simone, Yan Fan, Georg Northoff

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The role of hippocampus dysfunction in deficient memory encoding and positive symptoms in schizophrenia

Kathrin Zierhut, Bernhard Bogerts, Bjorn Schott, Daniela Fenker, Martin Walter, Dominik Albrecht, Johann Steiner, Hartmut, Schutze, Georg Northoff, Emrah Duzel, Kolja Schiltz

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Altered Negative BOLD Responses in the Default-Mode Network during Emotion Processing in Depressed Subjects

Simone Grimm, Peter Boesiger, Johannes Beck, Daniel Schuepbach, Felix BERPohl, Martin Walter, Jutta Ernst, Daniel Hell, Heinz Boeker, Georg Northoff

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Attentional modulation of emotional stimulus processing in patients with major depression—Alterations in prefrontal cortical regions

Felix BERPohl, Martin Walter, Bastian Sajonz, Christian Lucke, Claudia Hagele, Philipp Sterzer, Mazda Adli, Andreas Heinz, Georg Northoff

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Depression and the Brain's Input: Intrinsic Brain Activity and Difference-based Coding

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Increased Self-Focus in Major Depressive Disorder Is Related to Neural Abnormalities in Subcortical-Cortical Midline Structures

Simone Grimm, Jutta Ernst, Peter Boesiger, Daniel Schuepbach, Daniel Hell, Heinz Boeker, Georg Northoff

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Segregated neural representation of psychological and somatic-vegetative symptoms in severe major depression

Alexander Heinzl, Simone Grimm, Johannes Beck, Daniel Schuepbach, Daniel Hell, Peter Boesiger, Heinz Boeker, Georg Northoff

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The Relationship Between Aberrant Neuronal Activation in the Pregenual Anterior Cingulate, Altered Glutamatergic Metabolism, and Anhedonia in Major Depression

Martin Walter, Anke Henning, Simone Grimm, Rolf F. Schulte, Johannes Beck, Ulrike Dydak, Betina Schnepf, Heinz Boeker, Peter Boesiger, Georg Northoff

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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

Simone Grimm, Johannes Beck, Daniel Schuepbach, Daniel Hell, Peter Boesiger, Felix BERPohl, Ludwig Niehuas, Heinz Boeker, Georg Northoff

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Neurophilosophical Perspectives of Neuroimaging in Forensic Psychiatry—Giving Way to a Paradigm Shift?

Joachim Witzel, Martin Walter, Bernhard Bogerts, Georg Northoff

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Pedophilia is Linked to Reduced Activation in Hypothalamus and Lateral Prefrontal Cortex During Visual Erotic Stimulation

Martin Walter, Joachim Witzel, Christine Wiebking, Udo Gubka, Michael Rotte, Kolja

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Psychopathology and pathophysiology of the self in depression — Neuropsychiatric hypothesis

Georg Northoff

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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

Felix BERPPOHL, Felipe Fregni, Paulo S. Boggio, Gregor Thut, Georg Northoff, Patricia T.M. Otachi, Segio P. Rigonatti, Marco A. Marcolin, Alvaro Pascual-Leone

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Executive dysfunction, self, and ego pathology in schizophrenia: an exploratory study of neuropsychology and personality

Heinz Boeker, Matthias Kleiser, Doerte Lehman, Lutz Jaenke, Bernhard Bogerts, Georg Northoff

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Neurobiologische Grundlagen depressiver Syndrome / Neurobiological Basis of Depressive Disorders

C. Stoppel, H. Bielau, B. Bogerts, G. Northoff

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Vergleich der emotionalen und sexuellen Prozessierung zwischen Gesunden und Patienten mit einer Pädophilie – eine kombinierte Studie aus Neuropsychologie und fMRT

Christine Wiebking, Joachim Witzel, Martin Walter, Udo Gubka, Georg Northoff
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Deficit in decision making in catatonic schizophrenia: An exploratory study

Raiko Bark, Silvia Dieckmann, Bernhard Bogerts, Georg Northoff
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Desymbolisierung in der schweren Depression und das Problem der Hemmung: Ein neuropsychanalytisches Modell der Störung des emotionalen Selbstbezugs Depressiver

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NMDA hypofunction in the posterior cingulate as a model for schizophrenia: an exploratory ketamine administration study in fMRI

Georg Northoff, Andre Richter, Felix BERPohl, Simone Grimm, Ernst Martin, Valentine Leslie Mascar, Constance Wahl, Daniel Hell, Heinz Boeker
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Orbitofrontal Cortical Dysfunction in Akinetic Catatonia: A Functional Magnetic Resonance Imaging Study During Negative Emotional Stimulation

Georg Northoff, Rolf Kotter, Frank Baumgart, Peter Danos, Heinz Boeker, Thomas Kaulisch, Florian Schlagenhauf, Henrik Walter, Alexander Heinzel, Thomas Witzel, Bernhard Bogerts
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Catatonia and neuroleptic malignant syndrome: psychopathology and pathophysiology

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Katatonie zwischen Schizophrenie und Depression

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Neurophysiology, neuropsychiatry and neurophilosophy of catatonia

Georg Northoff

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What catatonia can tell us about “top-down modulation”: A neuropsychiatric hypothesis

Georg Northoff

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Serum levels of amitriptyline and therapeutic effect in non-delusional moderately to severely depressed in-patients

S. Ulrich, G. Northoff, C. Wurthmann, G. Partscht, U. Pester, H. Herscu, F.P. Meyer

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Brain Imaging in Catatonia

Georg Northoff

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Delayed onset of late movement-related cortical potentials and abnormal response to lorazepam in catatonia

G. Northoff, A. Pfennig, M. Krug, P. Danos, A. Leschinger, A. Schwartz, B. Bogerts
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Die Rekonstruktion der Sprachlosigkeit

Heinz Boeker, Georg Northoff, Cynthia Lenz, Cordula von Schmeling, Andrea Eppel, Fabian Hartling, Heike Will, Gunther Lempa, Mathias Meier, Daniel Hell
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Personality and object relations in patients with affective disorders: idiographic research by means of the repertory grid technique

H. Boeker, D. Hell, K. Budischewski, A. Eppel, F. Hartling, H. Rinnert, F. von Schmeling, H. Will, F. Schoeneich, G. Northoff
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Reconstruction of mutism. Studies of subjective experiences of former patients with the modified Landfield categories (Deutsch)

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Right lower prefronto-parietal cortical dysfunction in akinetic catatonia: a combined study of neuropsychology and regional cerebral blood flow

G. Northoff, R. Steinke, D. Nagel, C. Czerwenka, O. Grosser, P. Danos, A. Genz, R. Krause, H. Boeker, H.J. Otto, B. Bogerts
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Self concept and object relations of patients with affective disorders--individual centered diagnosis with the repertory-grid technique

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

Georg Northoff, Andreas Koch, Jens Wenke, Joachim Eckert, Heinz Boeker, Burkhard Pflug, Bernhard Bogerts

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Cortical sulcal enlargement in catatonic schizophrenia: a planimetric CT study

Georg Northoff, Hagen Waters, Ingeborg Mooren, Uwe Schluter, Silvia Diekmann, Peter Falkai, Bernhard Bogerts

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Decreased density of GABA-A receptors in the left sensorimotor cortex in akinetic catatonia: investigation of in vivo benzodiazepine receptor binding

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Impairment in visual–spatial function in catatonia: a neuropsychological investigation

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Katatones Dilemma

Georg Northoff

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

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Catatonia short-term response to lorazepam and dopaminergic metabolism

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Glutamatergic dysfunction in catatonia? Successful treatment of three acute akinetic catatonic patients with the NMDA antagonist amantadine

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Increase of serum creatine phosphokinase in catatonia

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

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Neuroleptic Malignant Syndrome and Catatonia: One Entity or Two?

Georg Northoff

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Plasma Homovanillic Catatonia Acid Concentrations in Catatonia

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Schizophrenia and anteroventral thalamic nucleus: selective decrease of parvalbumin-immunoreactive thalamocortical projection neurons

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Self

Why and How is the Self-Related to the Brain Midline Regions?

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Altered Brain Long-Range Functional Interactions Underlying the Link Between Aberrant Self-experience and Self-other Relationship in First-Episode Schizophrenia

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Brain and Self - A Neurophilosophical Account

Georg Northoff

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

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Dissociation Between Anterior and Posterior Cortical Regions During Self-Specificity and Familiarity: A Combined fMRI–Meta-Analytic Study

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Brain imaging of the self - conceptual, anatomical and methodological issues

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How is our self related to midline regions and the default-mode network?

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Is Our Self Nothing but Reward

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Self and Brain: what is self-related processing?

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Anterior Cingulate Activity and the Self in Disorders of Consciousness

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The narcissistic self and its psychological and neural correlates: an exploratory fMRI study

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Differential Parametric Modulation of Self-Relatedness and Emotions in Different Brain Regions

Georg Northoff, Felix Schneider, Michael Rotte, Christian Matthiae, Claus Tempelmann, Christina Wiebking, Felix BERPohl, Alexander Heinzl, Peter Danos, Hans-Jochen Heinze, Bernhard Bogerts, Martin Walter, Jaak Panksepp

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Increased Self-Focus in Major Depressive Disorder Is Related to Neural Abnormalities in Subcortical-Cortical Midline Structures

Simone Grimm, Jutta Ernst, Peter Boesiger, Daniel Schuepbach, Daniel Hell, Heinz Boeker, Georg Northoff

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Is Our Self Nothing but Reward? Neuronal Overlap and Distinction between Reward and Personal Relevance and Its Relation to Human Personality

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The trans-species core SELF: The emergence of active cultural and neuro-ecological agents through self-related processing within subcortical-cortical midline networks

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Understanding the self: a cultural neuroscience approach

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Is our self based on reward? Self-relatedness recruits neural activity in the reward system

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The Resting Brain and our Self: Self-Relatedness Modulates Resting State Neural Activity in Cortical Midline Structures

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The trans-species concept of self and the subcortical–cortical midline system

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Self-referential processing in our brain—A meta-analysis of imaging studies on the self

Georg Northoff, Alexander Heinzl, Moritz de Greck, Felix BERPohl, Henrik Dobrowolny, Jaak Panksepp

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Self-related processing in the sexual domain: A parametric event-related fMRI study reveals neural activity in ventral cortical midline structures

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Emotional-cognitive integration, the self, and cortical midline structures

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Is emotion regulation self-regulation?

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Cortical midline structures and the self

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