

UNIVERSITÄTSKLINIK FÜR NEUROLOGIE

Leipziger Str. 44, 39120 Magdeburg
Tel. +49 (0)391 67 13431, Fax +49 (0)391 67 15233
hans-jochen.heinze@med.ovgu.de

1. Leitung

Prof. Dr. Hans-Jochen Heinze

2. Hochschullehrer

Prof. Dr. med. Helmut Feistner
PD Dr. Michael Görtler
Prof. Dr. med. Hans-Jochen Heinze
Prof. Dr.-Ing. Hermann Hinrichs
Prof. Dr. med. Jens-Max Hopf
PD Dr. med. Notger Müller
PD Dr. nat. Sandra Verena Müller
PD Dr. rer. nat. Toemme Noesselt
PD Dr. rer. nat. Jochem Rieger
Prof. Dr. med. Michael Sailer
Prof. Dr. med. Mircea Ariel Schoenfeld
Prof. Dr. rer. nat. Detlef Siemen
PD Dr. med. Stefan Vielhaber
Prof. Dr. med. Jürgen Voges

3. Veröffentlichungen

Originalartikel in begutachteten internationalen Zeitschriften

Achtziger, Anja; Fehr, Thorsten; Oettingen, Gabriele; Gollwitzer, Peter M. ; Rockstroh, Brigitte
Strategies of intention formation are reflected in continuous MEG activity
In: Social neuroscience. - New York [u.a.]: Psychology Press, Bd. 4.2009, 1, S. 11-27; [Link unter URL](#)
[Imp.fact.: 4,352]

Angenstein, Frank; Kammerer, Elena; Scheich, Henning

The BOLD response in the rat hippocampus depends rather on local processing of signals than on the input or output activity - a combined functional MRI and electrophysiological study
In: The journal of neuroscience. - Washington, DC: Society for Neuroscience, Bd. 29.2009, 8, S. 2428-2439;
[Link unter URL](#)
[Imp.fact.: 7,452]

Baecke, Sebastian; Lützkendorf, Ralf; Tempelmann, Claus; Müller, Charles; Adolf, Daniela; Scholz, Michael; Bernarding, Johannes

Event-related functional magnetic resonance imaging (efMRI) of depth-by-disparity perception: additional evidence for right-hemispheric lateralization
In: Experimental brain research. - Berlin: Springer, Bd. 196.2009, 3, S. 453-458; [Link unter URL](#)

[Imp.fact.: 2,195]

Bergström, Zara M. ; Fockert, Jan de; Richardson-Klavehn, Alan

Event-related potential evidence that automatic recollection can be voluntarily avoided

In: Journal of cognitive neuroscience. - Cambridge, Mass. : MIT Press Journals, Bd. 21.2009, 7, S. 1280-1301;

[Link unter URL](#)

[Imp.fact.: 4,867]

Bergström, Zara M. ; Fockert, Jan W. de; Richardson-Klavehn, Alan

ERP and behavioural evidence for direct suppression of unwanted memories

In: NeuroImage. - San Diego, Calif. : Elsevier, Bd. 48.2009, 4, S. 726-737; [Link unter URL](#)

[Imp.fact.: 5,694]

Bittner, Daniel

Combination therapy of acetylcholinesterase inhibitor and vitamin E in Alzheimer disease. Letter to the editor

In: Journal of clinical psychopharmacology. - Baltimore, Md. : Williams & Wilkins, Bd. 29.2009, 5, S. 511-513;

[Link unter URL](#)

[Imp.fact.: 4,371]

Bodammer, Nils C. ; Kaufmann, Jörn; Kanowski, Martin; Tempelmann, Claus

Monte Carlo-based diffusion tensor tractography with a geometrically corrected voxel-centre connecting method

In: Physics in medicine and biology. - Bristol: IOP Publ., Bd. 54.2009, 4, S. 1009-1033; [Link unter URL](#)

[Imp.fact.: 2,784]

Bode, Stefan; Haynes, John-Dylan

Decoding sequential stages of task preparation in the human brain

In: NeuroImage. - San Diego, Calif. : Elsevier, Bd. 45.2009, 2, S. 606-613; [Link unter URL](#)

[Imp.fact.: 5,694]

Boelmans, Kai; Kaufmann, Jörn; Bodammer, Nils; Ebersbach, Georg; Behlau, Guido; Heinze, Hans-Jochen; Niehaus, Ludwig

Involvement of motor pathways in corticobasal syndrome detected by diffusion tensor tractography

In: Movement disorders. - Hoboken, NJ: Wiley-Blackwell, Bd. 24.2009, 2, S. 168-175; [Link unter URL](#)

[Imp.fact.: 3,898]

Boenke, Lars T. ; Deliano, Matthias; Ohl, Frank W.

Stimulus duration influences perceived simultaneity in audiovisual temporal-order judgment

In: Experimental brain research. - Berlin: Springer, Bd. 198.2009, 2/3, S. 233-244; [Link unter URL](#)

[Imp.fact.: 2,195]

Boenke, Lars T. ; Ohl, Frank W. ; Nikolaev, Andrey R. ; Lachmann, Thomas; Leeuwen, Cees van

Different time courses of Stroop and Garner effects in perception - an event-related potentials study

In: NeuroImage. - San Diego, Calif. : Elsevier, Bd. 45.2009, 4, S. 1272-1288; [Link unter URL](#)

[Imp.fact.: 5,694]

Böhler, Carsten Nicolas; Münte, Thomas Frank; Krebs, Ruth M. ; Heinze, Hans-Jochen; Schoenfeld, Mircea Ariel; Hopf, Jens-Max

Sensory MEG responses predict successful and failed inhibition in a Stop-signal task

In: Cerebral cortex. - New York, NY: Oxford Univ. Press, Bd. 19.2009, 1, S. 134-145; [Link unter URL](#)

[Imp.fact.: 5,907]

Böhler, Carsten Nicolas; Tsotsos, John K. ; Schoenfeld, Mircea Ariel; Heinze, Hans-Jochen; Hopf, Jens-Max

The center-surround profile of the focus of attention arises from recurrent processing in visual cortex

In: Cerebral cortex. - New York, NY: Oxford Univ. Press, Bd. 19.2009, 4, S. 982-991; [Link unter URL](#)

[Imp.fact.: 5,907]

Bormann, Tobias; Wallesch, Claus-Werner; Seyboth, Margret; Blanken, Gerhard

Writing two words as one: word boundary errors in a German case of acquired surface dysgraphia

In: Journal of neurolinguistics. - Orlando, Fla. : Elsevier, Bd. 22.2009, 1, S. 74-82; [Link unter URL](#)

[Imp.fact.: 1,447]

Budinger, Eike; Scheich, Henning

Anatomical connections suitable for the direct processing of neuronal information of different modalities via the rodent primary auditory cortex

In: Hearing research. - Amsterdam: Elsevier, Bd. 258.2009, 1/2, S. 16-27; [Link unter URL](#)

[Imp.fact.: 2,333]

Carreiras, M. ; Riba, J. ; Vergara, M. ; Heldmann, Marcus; Münte, Thomas

Syllable congruency and word frequency effects on brain activation

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 9, S. 3079-3088; [Link unter URL](#)

[Imp.fact.: 5,395]

Dahlem, Markus; Hadjikhani, Nouchine

Migraine aura: retracting particle-like waves in weakly susceptible cortex

In: Public Library of Science: PLoS one. - Lawrence, Kan. : PLoS, Bd. 4.2009, 4, insges. 9 S.; [Abstract unter URL](#)

Dörfel, Denise; Werner, Annett; Schaefer, Michael; Kummer, Rüdiger von; Karl, Anke

Distinct brain networks in recognition memory share a defined region in the precuneus

In: European journal of neuroscience. - Oxford: Blackwell Science, Bd. 30.2009, 10, S. 1947-1959; [Link unter URL](#)

[Imp.fact.: 3,385]

Enzi, Björn; Greck, Moritz de; Prösch, Ulrike; Tempelmann, Claus; Northoff, Georg

Is our self nothing but reward? Neuronal overlap and distinction between reward and personal relevance and its relation to human personality

In: Public Library of Science: PLoS one. - Lawrence, Kan. : PLoS, Bd. 4.2009, 12, insges. 12 S.; [Abstract unter URL](#)

Fuentemilla, Lluís; Càmara, Estela; Münte, Thomas F. ; Krämer, Ulrike M. ; Cunillera, Toni; Marco-Pallarés, Josep; Tempelmann, Claus; Rodriguez-Fornells, Antoni

Individual differences in true and false memory retrieval are related to white matter brain microstructure

In: The journal of neuroscience. - Washington, DC: Society for Neuroscience, Bd. 29.2009, 27, S. 8698-8703;

[Link unter URL](#)

[Imp.fact.: 7,452]

Galazky, Imke; Schütze, Hartmut; Noesselt, Tömmie; Hopf, Jens-Max; Heinze, Hans-Jochen; Schoenfeld, Mircea Ariel

Attention to somatosensory events is directly linked to the preparation for action

In: Journal of the neurological sciences. - Amsterdam: Elsevier, ISSN 0022-510x, Bd. 279.2009, 1/2, S. 93-98;

[Link unter URL](#)

[Imp.fact.: 2,359]

Gellerich, Frank Norbert; Gizatullina, Zemfira; Arandarcikaite, Odetta; Jerzembek, Doreen; Vielhaber, Stefan; Seppet, Enn; Striggow, Frank

Extramitochondrial Ca²⁺ in the nanomolar range regulates glutamate-dependent oxidative phosphorylation on demand

In: Public Library of Science: PLoS one. - Lawrence, Kan. : PLoS, Bd. 4.2009, 12, insges. 5 S.; [Abstract unter URL](#)

Gieseler, Anne; Schultze, Adrian Tilman; Kupsch, Kathleen; Haroon, Mohammad Fahad; Wolf, Gerald; Siemen, Detlef; Kreutzmann, Peter

Inhibitory modulation of the mitochondrial permeability transition by minocycline

In: Biochemical pharmacology. - New York, NY: Elsevier, Bd. 77.2009, 5, S. 888-896; [Link unter URL](#)

[Imp.fact.: 4,838]

Greck, Moritz de; Supady, Alexander; Thiemann, René; Tempelmann, Claus; Bogerts, Bernhard; Forschner, Lukas; Ploetz, Klaus von; Northoff, Georg

Decreased neural activity in reward circuitry during personal reference in abstinent alcoholics - a fMRI study

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 5, S. 1691-1704; [Link unter URL](#)

[Imp.fact.: 5,395]

Guderian, Sebastian; Schott, Björn; Richardson-Klavehn, Alan; Duzel, Emrah

Medial temporal theta state before an event predicts episodic encoding success in humans

In: National Academy of Sciences <Washington, DC>: Proceedings of the National Academy of Sciences of the United States of America. - Washington, DC: NAS, Bd. 106.2009, 13, S. 5365-5370; [Link unter URL](#)

[Imp.fact.: 9,380]

Hammer, Anke; Kordon, Andreas; Heldmann, Marcus; Zurowski, Bartosz; Münte, Thomas F.

Brain potentials of conflict and error-liability following errorful and errorless learning in obsessive-compulsive disorder

In: Public Library of Science: PLoS one. - Lawrence, Kan. : PLoS, Bd. 4.2009, 8, insges. 10 S.; [Abstract unter URL](#)

Hanke, Michael; Halchenko, Yaroslav O. ; Sederberg, Per B. ; Olivetti, Emanuele; Fründ, Ingo; Rieger, Jochem;

Herrmann, Christoph S. ; Haxby, James V. ; Hanson, Stephen José; Pollmann, Stefan

PyMVPA: a unifying approach to the analysis of neuroscientific data

In: Frontiers in neuroinformatics. - Lausanne: Frontiers Research Foundation, Bd. 3.2009, insges. 13 S.;

[Abstract unter URL](#)

Heinemann, Linda; Kleinschmidt, Andreas; Müller, Notger G.

Exploring BOLD changes during spatial attention in non-stimulated visual cortex

In: Public Library of Science: PLoS one. - Lawrence, Kan. : PLoS, Bd. 4.2009, 5, insges. 8 S.; [Abstract unter URL](#)

Heinze, Hans-Jochen; Heldmann, Marcus; Voges, Jürgen; Hinrichs, Hermann; Marco-Pallares, Josep; Hopf, Jens-Max; Müller, Ulf J. ; Galazky, Imke; Sturm, Volker; Bogerts, Bernhard; Münte, Thomas F.

Counteracting incentive sensitization in severe alcohol dependence using deep brain stimulation of the nucleus accumbens: clinical and basic science aspects

In: Frontiers in human neuroscience. - Lausanne: Frontiers Research Foundation, Bd. 3.2009, insges. 11 S.;

[Abstract unter URL](#)

Heldmann, Marcus; Vogt, Bodo; Heinze, Hans-Jochen; Münte, Thomas F.

Different methods to define utility functions yield similar results but engage different neural processes

In: Frontiers in behavioral neuroscience. - Lausanne: Frontiers Research Foundation, Bd. 3.2009, insges. 9 S.;

[Abstract unter URL](#)

Hirano, Shigeki; Eckert, Thomas; Flanagan, Toni; Eidelberg, David

Metabolic networks for assessment of therapy and diagnosis in Parkinson's disease

In: Movement disorders. - Hoboken, NJ: Wiley-Blackwell, Bd. 24.2009, S. 725-731; [Link unter URL](#)

[Imp.fact.: 3,898]

Hoffmann, Michael B. ; Stadler, Jörg; Kanowski, Martin; Speck, Oliver

Retinotopic mapping of the human visual cortex at a magnetic field strength of 7 T

In: Clinical neurophysiology. - Amsterdam [u.a.]: Elsevier, Bd. 120.2009, 1, S. 108-116; [Link unter URL](#)

[Imp.fact.: 2,972]

Howard, James D. ; Plailly, Jane; Grüschorw, Marcus; Haynes, John-Dylan; Gottfried, Jay A.

Odor quality coding and categorization in human posterior piriform cortex

In: Nature neuroscience. - New York, NY: Nature America Inc., Bd. 12.2009, 7, S. 932-938; [Link unter URL](#)

[Imp.fact.: 14,164]

Krauel, Kerstin; Duzel, Emrah; Hinrichs, Hermann; Lenz, Daniel; Herrmann, Christoph S. ; Santel, Stephanie; Rellum,

Thomas; Baving, Lioba

Electrophysiological correlates of semantic processing during encoding of neutral and emotional pictures in patients with ADHD

In: *Neuropsychologia*. - Oxford: Elsevier Science, Bd. 47.2009, 8/9, S. 1873-1882; [Link unter URL](#)
[Imp.fact.: 4,074]

Krauel, Kerstin; Düzel, Emrah; Hinrichs, Hermann; Rellum, Thomas; Santel, Stephanie; Baving, Lioba

Emotional memory in ADHD patients with and without comorbid ODD/CD

In: *Journal of neural transmission*. - Wien [u.a.]: Springer, Bd. 116.2009, 1, S. 117-120; [Link unter URL](#)
[Imp.fact.: 2,514]

Krebs, Ruth M. ; Schott, Björn; Düzel, Emrah

Personality traits are differentially associated with patterns of reward and novelty processing in the human substantia nigra/ventral tegmental area

In: *Biological psychiatry*. - New York, NY: Elsevier, Bd. 65.2009, 2, S. 103-110; [Link unter URL](#)
[Imp.fact.: 8,672]

Krebs, Ruth M. ; Schott, Björn; Schütze, Hartmut; Düzel, Emrah

The novelty exploration bonus and its attentional modulation

In: *Neuropsychologia*. - Oxford: Elsevier Science, Bd. 47.2009, 11, S. 2272-2281; [Link unter URL](#)
[Imp.fact.: 4,074]

Kupsch, Kathleen; Hertel, Silvia; Kreutzmann, Peter; Wolf, Gerald; Wallesch, Claus-Werner; Siemen, Detlef; Schönfeld, Peter

Impairment of mitochondrial function by minocycline

In: *Federation of European Biochemical Societies: The FEBS journal*. - Oxford [u.a.]: Blackwell, Bd. 276.2009, 6, S. 1729-1738; [Link unter URL](#)
[Imp.fact.: 3,139]

Leeuwen, Sara van; Müller, Notger G. ; Melloni, Lucia

Age effects on attentional blink performance in meditation

In: *Consciousness and cognition*. - Amsterdam [u.a.]: Elsevier, Bd. 18.2009, 3, S. 593-599; [Link unter URL](#)
[Imp.fact.: 2,690]

Magno, Elena; Sim-oes-Franklin, Cristina; Robertson, Ian H. ; Garavan, Hugh

The role of the dorsal anterior cingulate in evaluating behavior for achieving gains and avoiding losses

In: *Journal of cognitive neuroscience*. - Cambridge, Mass. : MIT Press Journals, Bd. 21.2009, 12, S. 2328-2342; [Link unter URL](#)
[Imp.fact.: 4,867]

Müller, Notger G. ; Wohlrath, Bernd; Kopp, Ute A. ; Lengler, Ulrike

Emotional content does not interfere with verbal memory in patients with temporal lobe epilepsy

In: *Epilepsy & behavior*. - San Diego, Calif. : Elsevier, Bd. 15.2009, 3, S. 367-371; [Link unter URL](#)
[Imp.fact.: 2,302]

Müller, Ulf J. ; Sturm, Volker; Voges, Jürgen; Heinze, Hans-Jochen; Galazky, Imke; Heldmann, Marcus; Scheich, Henning; Bogerts, Bernhard

Successful treatment of chronic resistant alcoholism by deep brain stimulation of nucleus accumbens: first experience with three cases. Letter

In: *Pharmacopsychiatry*. - Stuttgart [u.a.]: Thieme, Bd. 42.2009, 6, S. 288-291; [Link unter URL](#)
[Imp.fact.: 2,402]

Müller-Vahl, Kirsten R. ; Kaufmann, Jörn; Grosskreutz, Julian; Dengler, Reinhard; Emrich, Hinderk M. ; Peschel, Thomas

Prefrontal and anterior cingulate cortex abnormalities in Tourette syndrome: evidence from voxel-based morphometry

and magnetization transfer imaging

In: BMC neuroscience. - London: BioMed Central, Bd. 10.2009, 47, insges. 13 S.; [Abstract unter URL](#)
[Imp.fact.: 2,850]

Northoff, Georg; Schneider, Felix; Rotte, Michael; Matthiae, Christian; Tempelmann, Claus; Wiebking, Christine; Bermpohl, Felix; Heinzel, Alexander; Danos, Peter; Heinze, Hans-Jochen; Bogerts, Bernhard; Walter, Martin; Panksepp, Jaak

Differential parametric modulation of self-relatedness and emotions in different brain regions

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 2, S. 369-382; [Link unter URL](#)
[Imp.fact.: 5,395]

Relucio, Jenne; Tzvetanova, Iva D. ; Ao, Wei; Lindquist, Sabine; Colognato, Holly

Laminin alters Fyn regulatory mechanisms and promotes oligodendrocyte development

In: The journal of neuroscience. - Washington, DC: Society for Neuroscience, Bd. 29.2009, 38, S. 11794-11806;
[Link unter URL](#)
[Imp.fact.: 7,452]

Sayeed, Iqbal; Parvez, Suhel; Wali, Bushra; Siemen, Detlef; Stein, Donald G.

Direct inhibition of the mitochondrial permeability transition pore: a possible mechanism for better neuroprotective effects of allopregnanolone over progesterone

In: Brain research. - Amsterdam: Elsevier, Bd. 1263.2009, S. 165-173; [Link unter URL](#)
[Imp.fact.: 2,492]

Schaefer, Michael; Heinze, Hans-Jochen; Rotte, Michael

My third arm: shifts in topography of the somatosensory homunculus predict feeling of an artificial supernumerary arm

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 5, S. 1413-1420; [Link unter URL](#)
[Imp.fact.: 5,395]

Schaefer, Michael; Xu, Benjamin; Flor, Herta; Cohen, Leonardo G.

Effects of different viewing perspectives on somatosensory activations during observation of touch

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 9, S. 2722-2730; [Link unter URL](#)
[Imp.fact.: 5,395]

Schlote, Andrea; Richter, Monique; Wunderlich, Michael; Poppendick, U. ; Möller, C. ; Schwelm, K. ; Wallesch, Claus-Werner

WHODAS II with people after stroke and their relatives

In: Disability and rehabilitation. - London: Informa Healthcare, Bd. 31.2009, 11, S. 855-864; [Link unter URL](#)
[Imp.fact.: 1,395]

Schreiber, Stefanie; Serdaroglu, Mine; Schreiber, Frank; Skalej, Martin; Heinze, Hans-Jochen; Görtler, Michael

Simultaneous occurrence and interaction of hypoperfusion and embolism in a patient with severe middle cerebral artery stenosis

In: Stroke. - New York, NY: Association, Bd. 40.2009, 7, S. 478-480; [Abstract unter URL](#)
[Imp.fact.: 6,499]

Seppet, Enn; Gruno, Marju; Peetsalu, Ants; Gizatullina, Zemfira; Nguyen, Huu Phuc; Vielhaber, Stefan; Wussling, Manfred H. P. ; Trumbeckaitė, Sonata; Arandarcikaite, Odeta; Jerzembeck, Doreen; Sonnabend, Maria; Jegorov, Katharina; Zierz, Stephan; Striggow, Frank; Gellerich, Frank N.

Mitochondria and energetic depression in cell pathophysiology

In: International journal of molecular sciences. - Basel: Molecular Diversity Preservation International, Bd. 10.2009, 5, S. 2252-2303; [Abstract unter URL](#)
[Imp.fact.: 0,978]

Steiner, Johann; Walter, Martin; Wunderlich, Michael; Bernstein, Hans-Gert; Panteli, Benjamin; Brauner, Mareike; Jacobs, Roland; Gos, Tomasz; Rothermundt, Matthias; Bogerts, Bernhard

A new pathophysiological aspect of S100B in schizophrenia: potential regulation of S100B by its scavenger soluble RAGE

In: Biological psychiatry. - New York, NY: Elsevier, Bd. 65.2009, 12, S. 1107-1110; [Link unter URL](#)
[Imp.fact.: 8,672]

Stoppel, Christian Michael; Böhler, Carsten Nicolas; Strumpf, Hendrik; Heinze, Hans-Jochen; Hopf, Jens-Max; Düzel, Emrah; Schoenfeld, Mircea Ariel

Neural correlates of exemplar novelty processing under different spatial attention conditions

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 11, S. 3759-3771; [Link unter URL](#)
[Imp.fact.: 5,395]

Sun, Limin; Hinrichs, Hermann

Simultaneously recorded EEG-fMRI: removal of gradient artifacts by subtraction of head movement related average artifact waveforms

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 10, S. 3361-3377; [Link unter URL](#)
[Imp.fact.: 5,395]

Sun, Limin; Rieger, Jochem; Hinrichs, Hermann

Maximum noise fraction (MNF) transformation to remove ballistocardiographic artifacts in EEG signals recorded during fMRI scanning

In: NeuroImage. - San Diego, Calif. : Elsevier, Bd. 46.2009, 1, S. 144-153; [Link unter URL](#)
[Imp.fact.: 5,694]

Sweeney-Reed, Catherine Marie; Nasuto, Slawomir Jaroslaw

Detection of neural correlates of self-paced motor activity using empirical mode decomposition phase locking analysis

In: Journal of neuroscience methods. - Amsterdam: Elsevier; North-Holland Biomed. Press, Bd. 184.2009, 1, S. 54-70;
[Link unter URL](#)
[Imp.fact.: 2,092]

Trautmann, Sina Alexa; Fehr, Thorsten; Herrmann, Manfred

Emotions in motion: dynamic compared to static facial expressions of disgust and happiness reveal more widespread emotion-specific activations

In: Brain research. - Amsterdam: Elsevier, Bd. 1284.2009, S. 100-115; [Link unter URL](#)
[Imp.fact.: 2,492]

Walter, Martin; Matthiä, Christian; Wiebking, Christine; Rotte, Michael; Tempelmann, Claus; Bogerts, Bernhard; Heinze, Hans-Jochen; Northoff, Georg

Preceding attention and the dorsomedial prefrontal cortex: process specificity versus domain dependence

In: Human brain mapping. - New York, NY [u.a.]: Wiley-Liss, Bd. 30.2009, 1, S. 312-326; [Link unter URL](#)
[Imp.fact.: 5,395]

Weber, Ralph; Görtler, Michael; Benemann, Jens; Diener, Hans-Christoph; Weimar, Christian

Prognosis after cryptogenic cerebral ischemia in patients with coagulopathies

In: Cerebrovascular diseases. - Basel: Karger, Bd. 28.2009, 6, S. 611-617; [Link unter URL](#)
[Imp.fact.: 3,041]

Weimar, Christian; Holle, Dagny Natascha; Benemann, Jens; Schmid, Elisabeth; Schminke, Ulf; Haberl, Roman L. ; Diener, Hans-Christoph; Görtler, Michael

Current management and risk of recurrent stroke in cerebrovascular patients with right-to-left cardiac shunt

In: Cerebrovascular diseases. - Basel: Karger, Bd. 28.2009, 4, S. 349-356; [Link unter URL](#)
[Imp.fact.: 3,041]

Wolynski, Barbara; Schott, Björn; Kanowski, Martin; Hoffmann, Michael B.

Visuo-motor integration in humans: cortical patterns of response lateralisation and functional connectivity

In: Neuropsychologia. - Oxford: Elsevier Science, Bd. 47.2009, 5, S. 1313-1322; [Link unter URL](#)
[Imp.fact.: 4,074]

Zähle, Tino; Fründ, Ingo; Schadow, Jeanette; Thärig, Stefanie; Schoenfeld, Mircea A.; Herrmann, Christoph S.
Inter- and intra-individual covariations of hemodynamic and oscillatory gamma responses in the human cortex
In: Frontiers in human neuroscience. - Lausanne: Frontiers Research Foundation, Bd. 3.2009, insges. 12 S.;
[Abstract unter URL](#)

Originalartikel in begutachteten nationalen Zeitschriften

Tautenhahn, Jörg; Meyer, Frank; Pech, Maciej; Michael, Lioudmila; Görtler, Michael; Halloul, Zuhir
Diagnostik und Therapie der Karotidynie als seltenes Krankheitsbild
In: Zentralblatt für Chirurgie. - Stuttgart: Thieme, ISSN 0044-409x, Bd. 134.2009, 4, S. 322-324; [Link unter URL](#)
[Imp.fact.: 0,498]

Wolf, Simone Andrea

Neuropsychologische Differenzialdiagnostik degenerativer Demenzen
In: Fortschritte der Neurologie, Psychiatrie. - Stuttgart: Thieme, Bd. 77.2009, 7, S. 376-388; [Link unter URL](#)
[Imp.fact.: 0,793]

Originalartikel in begutachteten zeitschriftenartigen Reihen

Heldmann, Marcus; Morgenstern, Ralf; Münte, Thomas; Vogt, Bodo
Is brain activity observable that leads to an evaluation of a probability of 0,5 that is different from 0,5 in binary lottery choices?
In: Working paper series / Otto von Guericke University, FEMM, Faculty of Economics and Management; 2009,3;
Magdeburg: Univ., FEMM; 21 S.: graph. Darst.
[Literaturverz. S. 20 - 21]

Heldmann, Marcus; Vogt, Bodo; Heinze, Hans-Jochen; Münte, Thomas F.

Different methods to define utility functions yield different results and engage different neural processes
In: Working paper series / Otto von Guericke University, FEMM, Faculty of Economics and Management; 2009,14;
Magdeburg: Univ., FEMM; [13] S.: graph. Darst.

Malinska, Dominika; Kudin, Alexei P.; Debska-Vielhaber, Grazyna; Vielhaber, Stefan; Kunz, Wolfram S.

Quantification of superoxide production by mouse brain and skeletal muscle mitochondria
In: Mitochondrial function; Pt. A: Mitochondrial electron transport complexes and reactive oxygen species. - Amsterdam [u.a.]: Elsevier, Acad. Press, ISBN 978-0-08-087776-1, S. 415-434; [Link unter URL](#)
[Imp.fact.: 2,312]

Schaefer, Michael

Neuroeconomics: in search of the neural representation of brands
In: Cultural neuroscience. - New York, NY [u.a.]: Elsevier, ISBN 0-444-53361-3, S. 241-252; [Link unter URL](#)
[Imp.fact.: 3,253]

Buchbeiträge

Richardson-Klavehn, Alan; Bergström, Zara M.; Magno, Elena; Markopoulos, Gerasimos; Sweeney-Reed, Catherine M.; Wimber, Maria
On the intimate relationship between neurobiology and function in the theoretical analysis of human learning and memory
In: Neuroimaging of human memory. - Oxford [u.a.]: Oxford University Press, ISBN 0-19-921729-7, S. 127-165, 2009

Wellesch, Claus-Werner; Bartels, Claudius

Neuropsychologische Defizite nach Schädel-Hirn-Trauma
In: Lehrbuch der klinischen Neuropsychologie. - Heidelberg: Spektrum, Akad. Verl., ISBN 3-8274-1612-4, S. 719-725, 2009

Habilitationen

Wiedemann, Falk R.

Funktionsstörungen der mitochondrialen Atmungskette bei Morbus Parkinson und amyotropher Lateralsklerose.
- Magdeburg, Univ., Medizin. Fak., Habil.-Schr., 2009; 51, [84] Bl: III., graph. Darst

Dissertationen

Boelmans, Kai

Neuronale Mechanismen der merkmalsbasierten Selektion beim Menschen. - Magdeburg, Univ., Fak. für Naturwiss., Diss., 2009; [Link unter URL](#); 109 Bl.: III., graph. Darst.; 30 cm

Suchorska, Bogдана

Wertigkeit des Apparent Diffusion Coefficient (ADC) und der Fraktionalen Anisotropie (FA) für die Differenzierung der Cortikobasalen Degeneration vom Idiopathischen Morbus Parkinson. - Magdeburg, Univ., Medizin. Fakultät, Diss., 2009; 108 Bl: III., graph. Darst

Sun, Limin

Simultaneous recording of EEG and fMRI - new approach to remove gradient and ballistocardiogram EEG-artifacts.
- Magdeburg, Univ., Fak. für Naturwiss., Diss., 2009; XIV, 107 S.: graph. Darst.

Wachter, Matthias

Magnetenzephalographische Untersuchungen zur objektbasierten Aufmerksamkeit in Bezug auf die zeitliche Abfolge der Verarbeitung von den Objektmerkmalen Farbe und Bewegung. - Magdeburg, Univ., Medizin. Fakultät, Diss., 2009; 58 Bl: III., graph. Darst