6 Literaturverzeichnis

Low-resolution brain electromagnetic tomography (LORETA) revealed simultaneously active frontal and parietal sleep spindle sources in the human cortex
Neuroscience 103, 581-592

Differential effects of normal aging on sources of standard N1, target N1 and target P300 auditory event-related brain potentials revealed by low resolution electromagnetic tomography (LORETA)
Electroencephalography and Clinical Neurophysiology 108, 160-174

Barbas H (1988)
Anatomic organization of basoventral and mediodorsal visual recipient prefrontal regions in the rhesus monkey
Neuroscience and Biobehavioral Reviews 19, 499-510

Barbas H (1993)
Organization of cortical afferent input to the orbitofrontal area in the rhesus monkey
Neuroscience 56, 841-864

Baylis LL, Gaffan D (1991)
Amygdalecctomy and ventromedial prefrontal ablation produce similar deficits in food choice and in simple object discrimination learning for an unseen reward
Experimental Brain Research 86, 617-622

Baylis LL, Rolls ET, Baylis GC (1994)
Afferent connections of the orbitofrontal cortex taste area of the primate
Neuroscience 64, 801-812

Bechara A, Damasio AR, Damasio H, Anderson SW (1994)
Insensitivity to future consequences following damage to human prefrontal cortex
Cognition 50, 7-15

Bechara A, Damasio H, Tranel D, Damasio AR (1997)
Decide advantageous strategy before knowing the advantageous strategy
Science 275, 1293-1295

Bechara A, Tranel D, Damasio H, Damasio AR (1996)
Failure to respond autonomously to anticipated future outcomes following damage to prefrontal cortex
Cerebral Cortex 6, 215-225
Predictability modulates human brain response to reward
The Journal of Neuroscience 21, 2793-2798

Birbaumer N, Schmidt RF (1996)
Biologische Psychologie, 3. Auflage
Berlin, Springer

Bolla KI, Eldreth DA, London ED, Kiehl KA, Mouratidis M, Contoreggi C, Matochik JA,
Orbitofrontal cortex dysfunction in abstinent cocaine abusers performing a decision-making task
NeuroImage 19, 1085-1094

Booth MCA, Rolls ET (1998)
View-invariant representations of familiar objects by neurons in the inferior temporal visual cortex
Cerebral Cortex 8, 510-523

Face-selective neurons in the primate orbitofrontal cortex
Society for Neuroscience Abstracts 24, 898

Neuroelectric mapping reveals precursor of stop failures in children with attention deficits
Behavioural Brain Research 94, 111-125

Functional imaging of neural responses to expectancy and experience of monetary gains and losses
Neuron 30, 619-639

Acute effects of cocaine on human brain activity and emotion
Neuron 19, 591-611

Brodmann K (1909)
Vergleichende Lokalisationslehre der Grosshirnrinde in ihren Prinzipien dargestellt aufgrund des Zellenbaues
Leipzig, Barth

Dorsal anterior cingulate cortex: a role in reward-based decision making
Proceedings of the National Academy of Sciences of the United States of America 99: 523-528
Butter CM (1969)
Perseveration in extinction and in discrimination reversal tasks following selective prefrontal ablations in Macaca mulatta
Physiology and Behavior 4, 163-171

Carmichael ST, Clugnet M-C, Price JL (1994)
Central olfactory connections in the macaque monkey
Journal of Comparative Neurology 346, 403-434

Carmichael ST, Price JL (1994)
Architectonic subdivision of the orbital and medial prefrontal cortex in the macaque monkey
Journal of Comparative Neurology 346, 366-402

Sensory and premotor connections of the orbital and medial prefrontal cortex of macaque monkeys
Journal of Comparative Neurology 363, 642-664

Three-dimensional probabilistic atlas of the human orbitofrontal sulci in standardized stereotaxic space
NeuroImage 13, 479-496

Critchley HD, Rolls ET (1996a)
Olfactory neuronal responses in the primate orbitofrontal cortex: analysis in an olfactory discrimination task
Journal of Neurophysiology 75, 1659-1672

Critchley HD, Rolls ET (1996b)
Hunger and satiety modify the responses of olfactory and visual neurons in the primate orbitofrontal cortex
Journal of Neurophysiology 75, 1673-1686

Damasio AR (1994)
Descartes’ error
New York, Putnam

Dissociable functions in the medial and lateral orbitofrontal Cortex: Evidences from human neuroimaging studies
Cerebral Cortex 10, 308-317

Differential response patterns in the striatum and orbitofrontal cortex to financial reward in humans: a parametric functional magnetic resonance imaging study
The Journal of Neuroscience 23, 303-307
Fletcher PC und Henson RNA (2001)
Frontal lobes and human memory – insights from functional neuroimaging
Brain 124, 849-881

The representation of the pleasantness of touch in the human brain, and its relation to taste and olfactory areas
NeuroReport 10, 453-459

Freeman WJ, Watts JW (1950)
Psychosurgery in the treatment of mental disorders and intractable pain (2nd edition)
Springfield, IL, Thomas

Fuster JM (1997)
The prefrontal cortex
New York: Raven Press (3rd edition)

Gallinat J und Hegerl U (1998)
Elektroenzephalographie
In: Hegerl U (Ed.)
Neurophysiologische Untersuchungsmethoden in der Psychiatrie
Wien, Springer, 7-94

Frontal and temporal dysfunction of auditory stimulus processing in schizophrenia
NeuroImage 17, 110-127

Mood state and brain electrical activity in ecstasy users
NeuroReport 11, 157-162

Gevins A (1996)
Electrophysiological imaging of brain function
In: Toga AW und Mazziotta JC (Ed.)
Brain mapping, the methods
San Diego (u.a.), Academic Press, 259-276

Mapping cognitive brain function with modern high-resolution electroencephalography
Trends in Neurosciences 18, 429-436
Functional heterogeneity in human olfactory cortex: An event-related functional magnetic
resonance imaging study
The Journal of Neuroscience 22, 10819-10828

Grave de Peralta R und Gonzalez SL (2000)
Distributed source models: standard solutions and new developments
In: Uhl C (Ed.)
Analysis of Neurophsiological Brain Functioning
Heidelberg, Springer, 176-201

Oscillatory responses in cat visual cortex exhibit inter-columnar synchronization which re-
fl ects global stimulus properties
Nature 338, 334-337

Hämäläinen M und Ilmoniemi RJ (1984)
Interpreting measured magnetic fields of the brain: estimates of current distributions
Technical report TKK-F-A559, Helsinki University of Technology

Hasselmo ME, Rolls ET, Bayliis GC (1989)
The role of expression and identity in the face-selective responses of neurons in the temporal
visual cortex of the monkey
Behavioural Brain Research 32, 203-218

Jasper HH (1958)
The ten twenty electrode system of the International Federation.
Electroencephalography and Clinical Neurophysiology 10; 370

Jones B, Mishkin M (1972)
Limbic lesions and the problem of stimulus-reinforcement associations
Experimental Neurology 36, 362-377

Koles ZJ (1998)
Trends in EEG source localisation
Electroencephalography and Clinical Neurophysiology 106, 127-137

Activation of the human orbitofrontal cortex to a liquid food stimulus is correlated with ist
subjective pleasantness
Cerebral Cortex 13, 1064-1071

Lantz G, Michel CM, Pascual-Marqui RD, Spinelli L, Seeck M, Seri S, Landis T, Posen I
(1997)
Extracranial localization of intracranial interictal epileptiform activity using LORETA (low
resolution electromagnetic tomography)
Electroencephalography and Clinical Neurophysiology 102, 414-422
A double-dissociation of English past tense production revealed by event-related potentials and low-resolution electromagnetic tomography (LORETA)
Clinical Neurophysiology 112, 1833-1849

Lawrence AD, Sahakian BJ, Rogers RD, Hodges JR, Robbins TW (1999)
Discrimination, reversal, and shift learning in Huntington’s disease: mechanisms of impaired response selection
Neuropsychologia 37, 1359-1374

Llinas RR (1988)
The intrinsic electrophysiological properties of mammalian neurons: insights into central nervous system function
Science 242, 1654-1664

Neural activity related to the processing of increasing monetary reward in smokers and non-smokers
European Journal of Neuroscience 18, 680-688

Persönliche Mitteilung

Melzack R und Wall PD (1996)
The challenge of pain
Harmondsworth, Penguin

Meunier M, Bachevalier J, Mishkin M (1997)
Effects of orbital frontal and anterior cingulate lesions on object and spatial memory in rhesus monkeys
Neuropsychologia 35, 999-1015

Spatiotemporal EEG analysis and distributed source estimation in presurgical epilepsy evaluation
Journal of Clinical Neurophysiology 16, 239-266

Electric source imaging of human brain functions
Brain Research Reviews 36, 108-118
Reduced event-related current density in the anterior cingulate cortex in schizophrenia
NeuroImage 13, 589-600

Dissociationg valence of outcome from behavioral control in human orbital and ventral prefrontal corteces
The Journal of Neuroscience 23, 7931-7939

Abstract reward and punishment representations in the human orbitofrontal cortex
Nature neuroscience 4, 95-102

Öngür D, Price JL (2000)
The organization of networks within the orbital and medial prefrontal cortex of rats, monkeys and humans
Cerebral Cortex 10, 206-219

Pascual-Marqui RD (1999)
Review of methods for solving the EEG inverse problem
International Journal of Bioelectromagnetism 1, 75-86

Low resolution electromagnetic tomography (LORETA) functional imaging in acute, neuroleptic-naive, first-episode, productive schizophrenia.
Psychiatry Research: Neuroimage 90, 168-179

Low resolution electromagnetic tomography): a new method for localizing electrical activity in the brain
International Journal of Psychophysiology 18, 49-65

Petrides M, Pandya DN (1994)
Comparative architectonic analysis of the human and macaque frontal cortex
In: Boller F, Grafman J (Eds): Handbook of neuropsychology, Vol. 9
Amsterdam, Elsevier Science, 17-58

Face-elicited ERPs and affective attitude: brain electric microstate and tomography analysis
Clinical Neurophysiology 111, 521-531
Anterior cingulate activity as a predictor of degree of treatment response in major depression: evidence from brain electrical tomography analysis
American Journal of Psychiatry 158, 405-415

Preuss TM, Goldman-Rakic PS (1991)
Myelo- and cytoarchitecture of the granular frontal cortex and surrounding regions in the strepsirhine primate Galago and the anthropoid primate Macaca
Journal of Comparative Neurology 310, 429-474

Price JL (1999)
Prefrontal cortical networks related to visceral function and mood
Annals of the New York Academy of Sciences 877, 383-396

Reischies FM (1999)
Pattern of disturbance of different ventral frontal functions in organic depression
Annals of the New York Academy of Sciences 877: 775-780

Roberts AC, Wallis JD (2000)
Inhibitory control and affective processing in the prefrontal cortex: Neuropsychological studies in the common marmoset
Cerebral Cortex 10, 252-262

Rockstroh B (1987):
Operant control of slow brain potentials
In: Hingtgen JN, Hellhammer D, Huppmann G (Eds.): Advanced methods in Psychobiology Hogrefe, Toronto, 179-190

Rolls ET (2000a)
The orbitofrontal cortex and reward
Cerebral Cortex 10, 284-294

Rolls ET (2000b)
Précis of the brain and emotion
Behavioral and Brain Sciences 23, 177-234

Rolls ET, Baylis LL (1994)
Gustatory, olfactory and visual convergence within the primate orbitofrontal cortex
The Journal of Neuroscience 14, 5437-5452

Orbitofrontal cortex neurons: role in olfactory and visual association learning
Taste and olfactory activation of the orbitofrontal cortex
NeuroImage 5, 199

Emotion-related learning in patients with social and emotional changes associated with frontal
lobe damage
Journal of Neurology, Neurosurgery and Psychiatry 57, 1518-1524

Representations of pleasant and painful touch in the human orbitofrontal and cingulate corti-
ces
Cerebral Cortex 13, 308-317

Rolls ET, Yaxley S, Sienkiewicz ZJ (1990)
Gustatory responses of single neurons in the orbitofrontal cortex of the macaque monkey
Journal of Neurophysiology 64, 1055-1066

Scherg M (1991)
Akustisch evozierte Potentiale
Stuttgart Berlin Köln, Verlag W. Kohlhammer

Multiple source analysis of interictal spikes: goals, requirements, and clinical value
Journal of Clinical Neurophysiology 16, 214-224

Seeck M, Lazeyras F, Michel CM, Blanke O, Gericke CA, Delavelle IJ, Golay X, Haenggeli
CA, de Tribolet N, Landis T
Non-invasive epileptic focus localization using EEG-triggered functional MRI and electro-
magnetic tomography
Electroencephalography and Clinical Neurophysiology 106, 508-512

Intrinsic oscillations of neocortex generated by layer 5 pyramidal neurons
Science 251, 432-435

Skrandies (1994)
Source localization: discussing of the inverse problem
ISBET Newsletter No. 6

Skrandies (1995)
Source localization: continuing discussion of the inverse problem
ISBET Newsletter No. 5

Changes in brain activity related to eating chocolate – from pleasure to aversion
Brain 124, 1720-1733
Dissociation of neural representation of intensity and affective valuation in human gustation
Neuron 39, 701-711

Electromagnetic inverse solutions in anatomically constrainedspherical head models
Brain Topography 13, 115-125

Evozierte Potentiale - SEP-VEP-AEP-EKP-MEP
Springer, Berlin

Three-dimensional tomography of ecent-related potentials during response inhibition : evidence for phasic frontal lobe activation
Electroencephalography and Clinical Neurophysiology 108, 406-413

Talairach J und Tournoux P (1988)
Co-planar stereotaxic atlas of the human brain
Thieme, Stuttgart

Thorpe SJ, Rolls ET, Maddison S (1993)
Neuronal activity in the orbitofrontal cortex of the behaving monkey
Experimental Brain Research 49, 93-115

Activation of the human brain by monetary reward
NeuroReport 8, 1225-1228

Titterington TM (1985)
Common structure of smoothing techniques in statistics
Review of the International Statistical Institute 53, 141-170

Tremblay L, Schultz W (1999)
Relative reward preference in primate orbitofrontal cortex.
Nature 398, 704-708

Uylings HB, van Eden CG (1990)
Qualitative and quantitative comparison of the prefrontal cortex in rat and in primates, including humans
Progressive Brain Research 85, 31-62

Valenstein ES (1974)
Brain control. A critical examination of brain stimulation and psychosurgery
New York, Wiley
The continous performance test revisited with neuroelectric mapping: impaired orienting in children with attention deficits
Behavioural Brain Research 94, 97-110

Wahba G (1990)
Spline models for observational data
Philadelphia, Pennsylvania, Society for Industrial and applied mathematics

Walker AE (1940)
A cytoarchitectural study of the prefrontal area of the macaque monkey
Journal of comparative Neurology 73, 59-86

Invariant face and object recognition in the visual system
Progression in Neurobiology 51, 167-194

Wallis JD, Miller EK (2003)
Neuronal activityin primate dorsolateral and orbital prefrontal cortex during performance of a reward preference task
European Journal of Neuroscience 18, 2069-2081

Attention-sensitive visual event-related potentials elicited by kinetic forms
Clinical Neurophysiology 110, 329-341

P300 and LORETA: Comparison of normal subjects and schizophrenic patients
Brain Topography 13, 299-313

Localization of the epileptic focus by low-resolution electromagnetic tomography in patients with a lesion demonstrated by MRI
Brain Topography 12, 273-28