

## Literatur

**Adelmann P., & Zajonc R. (1989):** Facial efference and the experience of emotion. Annual Review of Psychology, 40, 249-280.

Adolphs R, Tranel D, Damasio H, Damasio AR (1995): Fear and the human amygdala. Journal of Neuroscience 15:5879-5891

Adolphs R, Damasio H, Tranel D, Damasio AR (1996): Cortical Systems for the Recognition of Emotion in Facial Expressions. Journal of Neuroscience 16:7678-7687

Adolphs, R. (2003). Cognitive Neuroscience of Human Behaviour. In: *Nature Reviews Neuroscience* 4, S.165-177.

Ahissar, E., Vaadia, E., Ahissar, M., Bergman, H., Arieli, A. and Abeles, M. (1992). Dependence of cortical plasticity on correlated activity of single neurons and on behavioral context. *Science*, 257, Issue 5075, pp. 1412–1415.

Alexander, F., French T. (1946). *Psychoanalytic Therapy: Principles and Application*. New York: Ronald Press.

Alexander, F.& Morton French, T. (1980). Psychoanalytic Therapy: Principles and Application. *Lincoln, NE: University of Nebraska Press*.

Asey, T. P. & Lambert, M. J. (2001). Empirische Ergebnisse für die allen Therapien gemeinsamen Faktoren: Quantitative Ergebnisse. In M. A. Hubble, B. L. Duncan & S. D. Miller. (Hsgb.) So wirkt Psychotherapie. Empirische Ergebnisse und praktische Folgerungen (S. 41-81). Dortmund: Modernes Leben. (orig.) Lambert, M. J. (1992). Psychotherapy outcome research: Implications for integrative and eclectical psychotherapists. In J. C. Norcross & M. R. Goldfried (Eds.).

Handbook of psychotherapy integration (pp. 94-129). New York: Basic Books.

Bach-y-Rita, P (1990): Brain plasticity as a basis for recovery of function in humans. Neuropsychologia, 28, 547 - 554

Barbas, H., Pandya, D.N. (1989). Architecture and intrinsic connection of the prefrontal cortex in the rhesus monkey. *Journal of comparative Neurology*, 286, 353-375.

Bargh JA, Chen M, Burrows L (1996) Automaticity of social behavior: Direct effects of trait construct and stereotype activation on action. *J Pers soc psychol* 71: 230-44

Bargh J.S., & Chartrand T.L. (1999): The unbearable automaticity of being. *American Psychologist*, 54, 462-479.

Barnard, L. K., & Curry, J. F. (2011). Self-compassion: Conceptualizations, correlates, & interventions. *Review Of General Psychology*, 15, No. 4, 289–303

Barnard, L. K. & Curry, J. F. (2012). The relationship of clergy burnout to self-compassion and other personality dimensions. *Pastoral Psychology*, 61(2), 149-163.

Barsalou L.W. (1999): Perceptual symbol system. *Behavioural and Brain Sciences*, 22, 577-660.

Barsalou L.W. (2003): Situated simulation in the human conceptual system. *Language and Cognitive Processes*, 18, 513-562.

- Barsalou L.W., Niedenthal P.M., Barbey A.K., & Ruppert J.A. (2003): Social Embodiment. In B.H. Ross (Ed.), *The psychology of learning and motivation*, Vol.43 (pp.43-92). San Diego, CA: Academic Press.
- Bartels A, Zeki S (2004) The neural correlates of maternal and romantic love. *NeuroImage* 21, 1155– 1166
- Bauer J, Qualmann J, Stadtmüller G, Bauer H (1998): Lebenslaufuntersuchungen bei Alzheimer- Patienten: Qualitative Inhaltsanalyse prämorbider Entwicklungsprozesse. In: *Jahrbuch der Medizinischen Psychologie* (E. Brähler, M. Bullinger, H.P. Rosemeier, B. Strauß, Hrsg.) Bd. 16: *Psychosoziale Gerontologie* (A. Kruse, Hrsg.), Band 2: Intervention, pp 251-274. Hofgrefe, Göttingen-Bern-Toronto-Seattle, 1998
- Bauer J (2002): *Das Gedächtnis des Körpers*. Frankfurt: Eichborn
- Bauer J (2004): *Die Alzheimer-Krankheit*. [www.psychotherapie-prof-bauer.de](http://www.psychotherapie-prof-bauer.de)
- Bauer J (2005): Warum ich fühle, was du fühlst: Intuitive Kommunikation und das Geheimnis der Spiegelneurone. Hamburg: Hoffmann und Campe
- Bauer J (2006): *Prinzip Menschlichkeit*. Hamburg: Hoffmann und Campe
- Bavelas J.B., Black A., Chovil N., Lemery C.R., & Mullett J. (1988): Form and function in motor mimicry: Topographic evidence that the primary function is communicative. *Human Communication Research*, 14, 275-299.
- Bavelas J.B., Black A., Lemery C.R., & Mullett J. (1986): “I show you how I feel”: Motor mimicry as a communicative act. *J of Personality and Social Psychology*, 50, 322-329.
- Baxter LR (1992), Jr., Schwartz JM, Bergman KS, et al.: Caudate glucose metabolic rate changes with both drug and behavior therapy for obsessive-compulsive disorder. *Arch Gen Psychiatry* 49(9):681–689
- BEEBE, B. & LACHMAN, F.M. (2002). *Infant Research and Adult Treatment*. Hove, Sussex: Routledge, The Analytical Press.
- Berridge K.C., & Winkielmann P. (2003): What is an unconscious emotion: The case for unconscious „liking“. *Cognition and Emotion*, 17, 181-211
- Beutel ME (2002): Neurowissenschaften und Psychotherapie. *Psychotherapeut* 47:1–10
- Bock K. (1986): Syntactic persistence in sentence production. *Cognitive Psychology*, 18, 355-387.
- Bower GH (1981): Mood and Memory. *American Psychologist* 36: 129-148
- Bowlby, J. (2001): Frühe Bindungen und kindliche Entwicklung. München: Reinhardt
- Bowlby, J. (1997). *Attachment and Loss: Attachment*. Vol. 1. (Rev. Ed.) London: Pimlico.
- Bowlby, J. (1998). *Attachment and Loss: Separation - Anxiety and Anger*. Vol. 2. (Rev. Ed.) London: Pimlico.
- Brody AL, Saxena S, Schwartz JM, et al (1998): FDG-PET predictors of response to behavioral therapy and pharmacotherapy in obsessive compulsive disorder. *Psychiatry Res*; 84(1):1–6
- Brody AL, Saxena S, Stoessel P, et al(2001): Regional brain metabolic changes in patients with major depression treated with either paroxetine or interpersonal therapy: preliminary findings. *Arch Gen Psychiatry*; 58(7):631–640
- Brooks R., (1991): Intelligence without representation. *Artificial intelligence*, 47, 139-159.

Buccino G, et al. (2001) : Action observation activates premotor and parietal areas

in a somatotopic manner: an fMRI study. European Journal of Neuroscience 13: 400-404

**Bull N. (1951):** The attitude theory of emotion (Nervous and Mental Disease Monographs, No. 81). New York: Coolidge Foundation.

Bush L.K., Barr C.L., McHugo G.J. & Lanzetta J.T. (1989): The effects of facial control and facial mimicry on subjective reactions to comedy routines. Motivation and Emotion, 13, 31-52.

Cacioppo J.T., Priester J.R., & Bernston G.G. (1993): Rudimentary determination of attitudes: II Arm flexion and extension have different effects on attitudes. J of Personality and Social Psychology, 65, 5-17.

Capella J.N., & Planalp S. (1981): Talk and silence sequences in informal conversations III: Interspeaker influence. Human Communication Research, 7, 117-132.

Carr L, Jacoboni M, Dubeau M-C, Mazziotta J, Lenzi G-L. (2003): Neural mechanisms of empathy in humans: A relay from neural systems to imitation to limbic areas. Proceedings of the National Academy of Sciences 100: 5497- 5502

Carter CS, Harris J, Porges SW (im Druck 2007) Neural and Evolutionary Perspectives on Empathy. In: Decety and Ickes (Hrsg.) Social Neuroscience of Empathy. Cambridge, MIT Press

Chao L.L., & Martin A. (2000): Representation of manipulable man-made objects in the dorsal stream. Neuroimage, 12, 478-484.

Chartrand T.I., Bargh J.A. (1999): The chameleon effect: The perception-behavior link and social interaction. J of Personality and Social Psychology, 76, 893-910.

Chen S. & Bargh J.A. (1999): Consequences of automatic evaluation: Immediate behavior predispositions to approach or avoid the stimulus. Personality and Social Psychology Bulletin, 25, 215-224.

Churchland P.S., Ramachandran V.S., Sejnowski T.J. (1994): A critique of pure vision. In C. Koch & J. L. Davis (Eds.), Large scale neuronal theories of the brain. Computational neuroscience (pp- 23-60). Cambridge, MA: MIT Press.

Clark A. (1997): Being there. Putting brain, body and world together again. Cambridge, MA: MIT Press.

Cozolino, L. (2003). The neuroscience of psychotherapy: Building and rebuilding the human brain. New York & London: Norton.

Cooney, J.W. and Gazzaniga, M.S. (2003) Neurological disorders and the structure of human consciousness. Trends Cogn Sci 7 (4), 161-165

Crenshaw T (2002): Die Alchemie von Liebe und Lust. München: Limes

Crick EF (1994): Wie die Seele wirklich ist. München: Artemis und Winkler

Csikszentmihalyi M (1992): Flow. Stuttgart: Klett-Cotta

Damasio A.R. (1989): Time-locked multiregional retroactivation: A systems-level proposal for the neural substrates of recall and recognition. Cognition, 33, 25-62.

Damasio A.R. (1994): Descartes' error: Emotion, reason, and the human brain. New York: Grosset/Putnam.

- Damasio A (1999): Ich fühle, also bin ich. München: List
- Damasio A.R. (1999): The feeling of what happens: Body and emotion in the making of consciousness. New York: Harcourt.
- Damasio A (2001): Descartes' Irrtum. Stuttgart: Schattauer
- Damasio A (2003): Der Spinoza-Effekt. München: List
- Damasio A.R. (2003): Looking for Spinoza: Joy, sorrow, and the feeling brain. New York: Harcourt.
- Davidson RJ, Kabat-Zinn J, Schumacher J, Rosenkranz M, Muller D, Santorelli SF, et al. (2003) Alterations in Brain and Immune Function Produced by mindfulness Meditation. *Psychosomatic Medicine* 65; 564-570
- Davidson RJ, Irwin W, Anderle MJ, et al (2003): The neural substrates of affective processing in depressed patients treated with venlafaxine. *Am J Psychiatry*; 160(1):64–75
- Davidson R (2012) *The Emotional Life of Your Brain*. New York: Penguin
- de Boer SF, de Beun R, Slangen JL, van Gugten J (1990): Dynamics of plasma catecholamine and corticosterone concentrations during reinforced and extinguished operant behavior in rats. *Physiol Behav*; 47: 691-708
- Decety, J. (2007). A social cognitive neuroscience model of human empathy. In E. Harmon-Jones & P. Winkielman (Eds.), Social Neuroscience: Integrating Biological and Psychological Explanations of Social Behavior (pp. 246-270). New York: Guilford Publications.
- Delgado MR, Gillis MM, Phelps EA (2008) Regulating the expectation of reward via cognitive strategies. *Nature Neuroscience*. Published online
- Deutsch F. (1952): On the mysterious leap: From the mind to the body. New York: International Universities Press.
- Dijksterhuis A., & Bargh J.A. (2001): The perception-behavior expressway: Automatic effects of social perception on social behavior. In M.P. Zanna (Ed.), *Advances in experimental social psychology* (Vol. 23, pp. 1-40). San Diego, CA: Academic Press.
- Dijksterhuis A, Nordgren LF (2006): A theory of unconscious thought. *Perspectives on Psychological Science* 1: 95- 109
- Dijksterhuis A, Bos MW, Nordgren LF, van Baaren RB (2006): On making the right choices: The deliberation-without-attention effect. *Science* 311: 1005-7
- Dijksterhuis A, Meurs T (2006): Where creativity resides: The generative power of unconscious thought. *Consciousness and Cognition*. 15:135-46
- Dimberg U. (1982): Facial reactions to facial expressions. *Psychophysiology*, 19, 643-647.
- Dimberg U., Thunberg M., & Elmehed K. (2000): Unconscious facial reactions to emotional facial expressions. *Psychological Science*, 11, 86-89.
- Downing, G. (2008). A different way to help: In A. Fogel, B.J. King & S. Shanker, (Eds) *Human development in the twenty-first century: Visionary Ideas from Systems Scientists*. Cambridge: Cambridge University Press, pp. 200-205.

Downing, G., GÜRGİN, D., RECK, C. & ZIEGENHAIN, U. (2008). Interfaces between intersubjectivity and attachment: Three perspectives on a mother-infant inpatient case. *Infant Mental Health Journal*, Vol. 29 No. 3, pp. 278-295

Duclos S.E., Laird J.D., Schneider E., Sexton M., Stern L., & Van Lighten O. (1989): Emotion specific effects of facial expressions and postures on emotional experience. *J of Personality and Social Psychology*, 57, 100-108.

Dürckheim, K. (1979) *Transzendenz als Erfahrung*. In: Gion Condrau (Hrsg.): *Imagination, Kreativität und Transzendenz (= Die Psychologie des 20. Jahrhunderts. Bd. XV)*. Kindler-Verlag, Zürich.

Ebert D (1986): *Physiologische Aspekte des Yoga und der Meditation*. Stuttgart: Gustav Fischer

Edelman GM (1993): *Unser Gehirn - ein dynamisches System*. München: Piper Edelman GM (1995): *Göttliche Luft, vernichtendes Feuer*. München: Piper

Ekman P, Friesen WV (1974): Detecting deception from the body and face. *Journal of Personality and Social Psychology*; 29, 288-298

Ekman P, Sorenson ER, Friesen WV (1969): Pan-cultural elements in facial displays of emotion. *Science*; 164(875):86-88

Emrich HM, Gehde E (1998): Kontext und Bedeutung: Psychobiologie der Subjektivität im Hinblick auf psychoanalytische Theoriebildungen. *Psyche* 9/10: 993-1003.....

Engert F, Bonhoeffer T (1999): Dendritic spine changes with hippocampal longterm synaptic plasticity. *Nature* 399:66-70

Etkin A, Phil M, Pittenger , Polan HP, Kandel ER (2005) Toward a Neurobiology of Psychotherapy: Basic Science and Clinical Applications. *J Neuropsychiatry Clin Neurosci* 17:145-158

Farah M.J. (2000): The neural bases of mental imagery. In M.S. Gazzaniga (Ed.), *The cognitive neurosciences* (2<sup>nd</sup> ed., pp. 965-974). Cambridge, MA: MIT Press.

**Flack W., Laird J., & Cavallaro L. (1999):** Separate and combined effects of facial expressions and bodily postures on emotional feelings. *European J of Social Psychology*, 29, 203-217.

Förster J (2003): The influence of approach and avoidance motor actions on food intake. *European Journal of Social Psychology*; 33: 339 - 350

Förster J., & Strack F. (1997): Motor actions in retrieval of valenced information: A motor congruence effect. *Perceptual and Motor Skills*, 85, 1419-1427.

Förster J., & Strack F. (1998): Motor actions in retrieval of valenced information: II. Boundary conditions for motor congruence effects. *Perceptual and Motor Skills*, 86, 1423-1426.

Foerster H. von , Glaserfeld, E. (1999): *Wie wir uns erfinden*. Heidelberg: Carl Auer

Förstl H, Hautzinger M, Roth G (Hrsg.) 2006: *Neurobiologie psychischer Störungen*. Heidelberg, Springer

Friedman RS, Förster J (2002): The influence of approach and avoidance motor actions on creative cognition. *Journal of Experimental Social Psychology*; 38, 41 -55

Furmark T, Tillfors M, Marteinsdottir I, et al (2002): Common changes in cerebral blood flow in patients with social phobia treated with citalopram or cognitive-behavioral therapy. *Arch Gen Psychiatry*; 59(5):425-433

- Gage FH (2000): Mammalian neural stemm cells. *Science* 287:1433-1148
- Gallese V. (2003): The manifold nature of interpersonal relations: The quest for a common mechanism. *Philosophical Transactions of the Royal Society. B*, 358: 517-528.
- Gallese V, Keysers C, Rizzolatti G (2004): A unifying view of the basis of social cognition. *Trends in Cognitive Sciences*, 8: 396-403
- Galton F. (1884):** Measurement of character. *Fortnightly Review*, 42, 179-185.
- Gazzaniga MS, et al. (2000): The new cognitive Neurosciences. Cambridge, USA: MIT Press Görnitz T (2002): Der kreative Kosmos. Heidelberg: Spektrum Akademischer Verlag
- Gendlin, E. (1997) Experiencing and the Creation of Meaning. A Philosophical and Psychological Approach to the Subjective. Northwestern University Press
- Glaser W.R. (1992): Picture naming. *Cognition*, 42, 61-105.
- Glenberg, A. M. (1997): What memory is for Behavioral and Brain Sciences, 20, 1-55.
- Glenberg AM, Havas D, Becker R, Rinck M (2005): Grounding Language in Bodily States. In: Zwaan R, Pecher D.: The Grounding of Cognition: The Role of Perception and Action in Memory, Language and Thinking. Cambridge: University Press
- Glenberg A.M., & Robertson D.A. (2000): Symbol grounding and meaning: A comparison of high-dimensional and embodied theories of meaning. *J of Memory and Language*, 43, 379-401.
- Goldapple K, Segal Z, Garson C, et al (2004): Modulation of cortical-limbic pathways in major depression: treatment-specific effects of cognitive behavior therapy. *Arch Gen Psychiatry*; 61(1):34-41
- Goldberg I, Harel M, Malach R (2006) When the Brain loses Its Self: Prefrontal Inactivation during Sensorimotor Processing. *Neuron* 50:329-339
- Gottwald C (1976): Nachanalytische Psychotherapien. In: Peters U (Hrsg.): Die Psychologie des 20. Jahrhunderts. Zürich: Kindler
- Gottwald C (2001): Achtsame Körperpsychotherapie- Berührung und Bewegung als kreative Begegnung. Connection spezial, II/01, Seite 65-68, Niedertaufkirchen: Connection-Medien
- Gottwald C (2004): Bewusstseinszentrierte Körperpsychotherapie-Angewandte Neurobiologie? Psychotherapie Bd 9, Heft2, Seite 185-218, München: CIP-Medien
- Gottwald C (2005) Körperpsychotherapie - eine Anwendung der Neurobiologie? In: Schrenker L, Schricker C, Sulz S (Hrsg) Die Psychotherapie entdeckt den Körper. CIP-Medien, München
- Gottwald C (2006): Körperpsychotherapeutische Perspektiven zur Neurobiologie. In: Marlock G, Weiss H (Hrsg.): Handbuch der Körperpsychotherapie. Stuttgart: Schattauer
- Gottwald C (2007a): Von Neurobiologie inspirierte Erweiterung der psychodynamischen Praxeologie durch bewusstseinszentrierte Körperpsychotherapie. *Psychotherapie Forum*15: 73 – 77, Wien New York: Springer
- Gottwald C (2007 b) Eine körperpsychotherapeutische Sicht auf die Neurobiologie. *Psychologische Medizin* 4: 4 - 20, Facultas-Universitätsverlag, Wien

- Gottwald C (2008): Körpertherapie auf dem Boden von potenzialentfaltender Gestalttherapie. In: Hartmann-Kottek L, Strümpfel U (Hrsg.) Gestalttherapie: Berlin, Heidelberg: Springer
- Gottwald C. (2010a) Heilsame Begegnung in der Therapie- und Individuationsarbeit. Psychologische Medizin 2: 26 - 35, Facultas-Universitätsverlag, Wien
- Gottwald C (2010b): Hilfreiche Metaphern in der Therapie- und Individuationsarbeit. Psychologische Medizin, 4:37-42, Facultas-Universitätsverlag, Wien
- Gottwald C (2012): Dasein und Inspiration in unmittelbarer Erfahrung. Psychologische Medizin, 4:70-76, Facultas-Universitätsverlag, Wien
- Gottwald C (2014): Awareness and Mindfulness in Consciousness-Centred Body Psychotherapy. International Body Psychotherapy Journal The Art and Science of Somatic Praxis, Volume 13, Number 1, spring 2014
- Gottwald C (2015): Neurobiological Perspectives on Body Psychotherapy. The Handbook of Body Psychotherapy & Somatic Psychology S. 126 – 147, Berkeley, California: North Atlantic Books
- Grawe K (2000): Psychologische Therapie. Göttingen: Hogrefe
- Grawe K et al (1994) Psychotherapie im Wandel. Hogrefe, Göttingen
- Grawe K (2004): Neuropsychotherapie. Göttingen: Hogrefe
- Graziano W.G., Smith S.M., Tassinary L.G., Sun C.R., & Pilkington C. (1996): Does imitation enhance memory for faces? Four converging studies. Journal of Personality & Social Psychology, 71, 874-887.
- Grezes J., & Decéty J. (2001): Functional anatomy of execution, mental stimulation, observation, and verb generation of actions: A meta-analysis. Human Brain Mapping, 12, 1-19.
- Hatfield E., Cacioppo J.T., Rapson R.L. (1993): Emotional contagion. Current Directions in Psychological Science, 2, 96-99.
- Hatfield E., Hsee C.K., Costello J., Weisman M.S., & Denney C. (1995): the impact of vocal feedback on emotional experience and expression. J of Social Behavior and Personality, 10, 293-312.
- Hegerty M. (2004): Mechanical reasoning by mental simulation. Trends in Cognitive Science, 8, 280-285.
- Heidegger M. (1962): Being and time. New York: Harper.
- Henningsen P (2000): Vom Gehirn lernen? Zur Neurobiologie von psychischer Struktur und innerer Repräsentanz. Forum Psychoanal 16:99-115
- Herman, J.L. (1992). *Trauma and recovery*. New York: Basic Books.
- Herrigel E.. (1982): .. Zen in der Kunst des Bogenschießens. Leipzig: O.W. Barth Verlag
- Hüther G (1997): Biologie der Angst. Göttingen: Vandenhoeck & Ruprecht
- Hüther G (2001): Bedienungsanleitung für ein menschliches Gehirn. Göttingen: Vandenhoeck & Ruprecht
- Hüther G (2003): Die nutzungsabhängige Reorganisation neuronaler Verschaltungsmuster. In: Schiepek G (Hrsg.): Neurobiologie der Psychotherapie. Stuttgart: Schattauer
- Izard C (1977): Human emotions. New York: Plenum

Iacoboni M. (**im Druck – noch zu recherchieren, 2005 oder 2006**): Understanding others: Imitation, language, empathy. In S. Hurley & N. Cather (Eds.), Perspectives on imitation: From cognitive neuroscience to social science. Cambridge, MA: MIT Press.

Izard C (1991): The psychology of emotions. New York: Plenum Press

Izard C (1992): Four systems for emotion activation: Cognitive and noncognitive Psychol Rev 99:561-565

James W. (**1890**): Principles of psychology (2 vols). New York: Holt, Rinehart & Winston.

**James W. (1981):** The principles of psychology. Cambridge, MA: Harvard University Press (*Original Work published in 1890*)

Jenkins WM, Merzenich MM, Recanzone G (1990): Neocortical representational dynamics in adult primates. Neuropsychologia 28:573-584 Kandel ER (1991): Principles of Neural Science. New York: Elsevier Kandel ER (1995): Neurowissenschaften. Heidelberg: Spektrum Akademischer Klein S (2002): Die Glücksformel. Reinbek: Rowohlt

Kabat-Zinn, J., Lipworth, L. & Burney, R. (1985): The Clinical Use of Mindfulness Meditation for the Self-Regulation of Chronic Pain. Journal of Behavioral Medicine, 8(2), 163-190.

Kandel ER (1979): Psychotherapy and the single synapse. The impact of psychiatric thought on neurobiologic research. N Engl J Med; 301(19):1028–1037

Kandel ER (1999): Biology and the future of psychoanalysis, a new intellectual framework for psychiatry revisited. Am J Psychiatry 156:505-24

Kaplan-Solms, K. & Solms, M. (2000). *Clinical studies in Neuro-Psychoanalysis: Introduction to a depth neuropsychology*. London: Karnac Books.

Kiefer M, Sim E-J, Liebich S, Hauk O, Tanaka J. Experience-dependent plasticity of conceptual representations in human sensory-motor areas. Journal of Cognitive Neuroscience 2007; 19: 525-542.

Kopel S., & Arkowitz H. (1974): Role playing as a source of self-observation and behaviour change. J of Personality and Social Psychology, 29, 677-686.

Kosslyn S.M. (1994): Image and Brain. Cambridge, MA: MIT Press.

Krause, Rainer (1997) Allgemeine psychoanalytische Krankheitslehre, Bd.1. Stuttgart, Berlin, Köln: Kohlhammer

Kurtz R (2002): Hakomi, eine körperorientierte Psychotherapie. München: Kösel

Laird J.D., Wagener I.J., Halal M., & Szegda M. (1982): Remembering what you feel: Effects of emotions on memory. J of Personality and Social Psychology, 42, 646-657.

Lakoff G., & Johnson M. (1999): Philosophy in the flesh: The embodied mind and its challenge to western thought. New York: Basic Books.

Lambertz M (2003): Transiente Kopplungen von Hirnstammneuronen mit Atmung, Herzkreislaufsystem und EEG. In: Schiepek G (Hrsg.): Neurobiologie der Psychotherapie. Stuttgart: Schattauer

- Langhorst P, Schulz BG, Koepchen HP (1996): Convergence of visceral and somatic afferents on single neurons in the reticular formation of the lower brainstem in dogs. *J Auton Nerv Syst* 57: 149-157
- Lanzetta J., Cartwright-Smith J., & Kleck R. (1976):** Effect of nonverbal dissimulation on emotional experience and automatic arousal. *J of Personality and Social Psychology*, 33, 354-370.
- Lazar SW et al. (2005) Meditation experience is associated with increased cortical thickness. *NeuroReport* 16; 1893 - 1897
- LeDoux, J. (1996). *The Emotional Brain: The Mysterious Underpinnings of Emotional Life.*
- LeDoux J (2001): Das Gehirn und seine Wirklichkeit. München: dtv
- LeDoux, J. (2003). Das Netz der Persönlichkeit - wie unser Selbst entsteht. Düsseldorf und Zürich: Walter Verlag. *Synaptic Self: How Our Brains Become Who We Are.* New York & London: Penguin.
- Leuzinger-Bohleber M, Pfeifer R (1998): Erinnern in der Übertragung - Vergangenheit in der Gegenwart. *Psyche* 9/10:884-918
- Leuzinger-Bohleber M, Mertens W, Koukkou M (1998): Erinnerung von Wirklichkeiten, Psychoanalyse und Neurowissenschaften im Dialog. Stuttgart: Verlag internationale Psychoanalyse
- Levin FM (1998): Mandelkern, Hippocampus und Psychoanalyse. *Psyche* 9/10:1004-1013
- Linehan Marsha (1996) Dialektisch Behaviorale Therapie der Borderline- Persönlichkeitsstörung. München: Cip- Medien
- Loftus EF und Ketcham K (.1995...): Die therapierte Erinnerung: Vom Mythos der Verdrängung bei Anklage wegen sexuellen Mißbrauchs. Hamburg: Klein
- Loftus, E.F.(2001): Falsche Erinnerungen. In: Rätsel Gehirn, Digest2, Spektrum der Wissenschaft, S.62-67
- Lowen A, Lowen L (1979): Bioenergetik für jeden. Gauting: Peter Kirchheim
- Lutz A Greischar LL, Rawlings NB, Ricard M, Davidson RJ (2004) Long term meditators self-induce high-amplitudengamma synchrony during mental practice. *PNAS* 101; 16369 - 16373
- McGaugh JL, Roozendaal B, Cahill L (2000): Modulation of memory storage by stress hormones and the amygdaloid complex. In: Gazzaniga MS(ed.): *The New Cognitive Neurosciences*. Cambridge, USA: MIT Press
- McIntosh D. (1996):** Facial feedback hypotheses: Evidence, implications, and directions. *Motivation and Emotion*, 20, 121-147.
- Martin A. (2001): Functional neuroimaging of semantic memory. In R. Cabeza & A Kingstone (Eds.), *Handbook of functional neuroimaging of cognition* (pp. 153-186). Cambridge, MA: MIT Press.
- Matarazzo J.D., & Wiens A. N. (1972): *The interview: Research on its anatomy and structure*. Chicago: Aldine-Atherton.
- May A, et al. (2008): Training-induced brain structure changes in the elderly. *J Neuroscience* 28 S. 7031 - 7035

Maxwell G.M., Cook M.W., & Burr R. (1985): The encoding and decoding of liking from behavioral cues in both auditory and visual channels. *J of Nonverbal Behavior*, 9, 239-263.

Meltzoff AN, Moore MK (1977) Imitation of facial and manual gesture by human neonates. *Science* 198: 75-8

Meltzoff A.N., & Moore M.K. (1989): Imitation in newborn infants: Exploring the range of the gestures imitated and the underlying mechanisms. *Development Psychology*, 25, 954-962.

Meltzoff A.N., & Prinz W. (2002): The imitative mind: Development, evolution, and brain bases. Cambridge studies in cognitive perceptual development. Cambridge, England: Cambridge University Press.

Merleau-Ponty M. (1963): In praise of philosophy. Evanston, IL: Northwestern University Press.

Merzenich MM, et al. (1990): How the brain functionally rewires itself. In: Arbib M, (eds.): Natural and artifical parallel computation. Cambridge,USA: MIT Press

Metzinger T, Gallesse V (2003): The emergence of a shared action ontology: Building blocks for a theory. *Consciousness and Cognition*, 12: 549-571.

Nader K, Schafe G. E., LeDoux, J. E., (2000) Fear memories require protein synthesis in the amygdale for reconciliation after retrieval. *Nature* 406: 722-726.

Neff, K. D. & Germer, C. K. (2012). A pilot study and randomized controlled trial of the Mindful SelfCompassion Program. *Journal of Clinical Psychology*. DOI: 10.1002/jclp.21923

Neumann R., Förster J., & Strack F. (2003): motor compatibility: The Bidirectional link between behavior and evaluation. In J. Musch & K.C. Klauer (Eds.): *The psychology of evaluation*. Mahwah, NJ: Lawrence Erlbaum Associates, Inc..

Neumann R., & Strack F. (2000): „Mood Contagion“: The automatic transfer of mood between persons. *J of Personality and Social Psychology*, 79, 211-223.

Newberg A, et al. (2001): Why God Won´t Go Away. New York: Ballantine

Niedenthal PM, Barsalou LW et al. (2005) Embodiment in Attitudes, Social Perception and Emotion. *Personality and Social Psychology Review*, 9;3 184-211

Niedenthal P.M., Brauer M., Halberstadt J.B., & Innes-Ker A.H. (2001): When did her smile drop? Facial mimikry and the influences of emotional state on the detection of change in emotional expression. *Cognition and Emotion*, 15, 853-864.

Niedenthal P.M., Ric F., & Krauth-Gruber S. (2002): Explaining emotion congruence and its absence in terms of perceptual simulation. *Psychological Inquiry*, 13- 80-83.

O’Toole R., & Dubin R. (1968): Baby feeding and body sway: an experiment in George Herbert Mead’s “Taking the role of the other”. *J of Personality and Psychology*, 10, 59-65.

Parsons L., Fox P., Downs J., Glass T., Hirsch T., Martin C., Jerabek J., & Lancaster J. (1995): Use of implicit motor imagery for visual shape discrimination as revealed by PET. *Nature*, 375, 54-58.

- Pasqual-Leone, A., Amedi, A., Fregni, F. and Lotfi B. M. (2005) The Plastic Human Brain Cortex. *Annu. Rev. Neurosci.* 28:377–401
- Preston S.D., de Waal F.B.M. (2002): Empathy: Its ultimate and proximate bases. *Behavioral and Brain Sciences*, 25, 1-71.
- Perls F S (1973 / 1976) Gestalttherapie in Aktion. Stuttgart: Klett-Cotta
- Pert, C. (1999) Moleküle der Gefühle. Hamburg: Rowohlt
- Pesso A, Perquin L (2008): Die Bühnen des Bewusstseins oder: werden wer wir wirklich sind. München: CIP-Medien
- Posner, M. und Raichle, M.E. (1996) Bilder des Geistes. Heidelberg: Spektrum Akademischer Verlag
- Prinz J J (2002) Furnishing the mind: Concepts and their perceptual basis. Cambridge, MIT Press
- Ogden, P., Minton, K. & Pain, C. (2006). *Trauma and the body: A sensorimotor approach to psychotherapy*. New York & London: Norton.
- Olds J (1995): Selfstimulation of the brain. *Science* 127:315-324
- Olds J, Millner P (1954): Positive reinforcement produced by electrical stimulation of the rat brain. *J Comp Physiol Psychol* 47:419-427
- Ott, U. (2008). Transpersonale Perspektiven in der Meditationsforschung. *Transpersonale Psychologie und Psychotherapie*, 14(1), 75-82.
- Paivio A. (1986): Mental representations: A dual coding approach. New York: Oxford University Press.
- Panksepp, J. (1998). *Affective Neuroscience: The foundations of human and animal emotions*. Oxford: Oxford University Press.
- Panksepp, J. (2004). The core emotional systems of the mammalian brain: The fundamental substrates of human emotions. In J. Corrigall, H. Payne & H. Wilkinson, *About A Body: Working with the embodied mind in psychotherapy*. London & New York: Routledge.
- Pasqual-Leone A, Torres E (1993): Plasticity of the sensomotor cortex representations of the reading fingers in Braille readers. *Brain* 116:39-52
- Persinger M (1999): Neuropsychological Bases of God Beliefs. New York: Praeger
- Pert, C. (1979). *Molecules of Emotion: Why you feel the way you feel*. New York: Schribner.
- Pert CB (1999): Moleküle der Gefühle. Reinbek: Rowohlt
- Pesso A (1986): Dramaturgie des Unbewussten. Stuttgart: Klett-Cotta
- Pesso A, Moser T (1991): Strukturen des Unbewussten. Stuttgart: Klett-Cotta Pöppel E (2000): Grenzen des Bewusstseins. Frankfurt: Insel
- Pesso A, Perquin L (2008): Die Bühnen des Bewusstseins oder: werden wer wir wirklich sind. München: CIP-Medien
- Pfaff DW (1999): Drive. Neurobiological and molecular mechanism of sexual motivation. MTI-Press, Cambridge. MA
- Piaget J. (1972): The psychology of the child. New York: Basic Books.
- Porges, S. (2003). The Polyvagal Theory: phylogenetic contributions to social behavior. *Physiology and Behavior*, 79, pp. 503-513.
- Porges, S. (2004). Neuroception: A Subconscious System for Detecting Threats and Safety. *Zero to Three*: Vol. 24; No. 5, pp 19-24.

Porges, S. (2007). The polyvagal perspective. *Biological Psychology*, 74, pp. 116–143

Posner M, Raichle ME (1996): Bilder des Geistes. Heidelberg: Spektrum Akademischer Verlag

Ramachandran VS (2001): Die blinde Frau, die sehen kann. Reinbek: Rowohlt

Ratey JJ (2001): Das menschliche Gehirn: eine Gebrauchsanweisung. Düsseldorf: Walter

Rauscher F.H., Krauss R.M., & Chen Y. (1996): Gesture, speech and lexical access: The role of lexical movements in speech production. *Psychological Science*, 7, 226-231.

Reynolds J (2001): A cellular mechanism of reward related learning. *Nature* 413:67-70

Richter DW... (1986): Zur Frage der Rhythmogenese der Atmung. *Physiologie aktuell*. Bd. 2 Stuttgart: Gustav Fischer

Riskind J.H. (1984): They stoop to conquer: Guiding and self-regulatory functions of physical posture after success and failure. *J of Personality and Social Psychology*, 47, 479-493.

Riskind J.H., & Gotay C.C. (1982): Physical posture: Could it have regulatory or feedback effects on motivation and emotion? *Motivation and Emotion*, 6, 273-298.

Rizzolatti G., & Arbib M.A. (1998): Language within our grasp. *Trends in Neuroscience*, 21, 188-194.

Rizzolatti G., Fadiga L., Fogassi L., & Gallese V. (2002): From mirror neurons to imitation: Facts and speculations. In A.N. Meltzoff & W. Prinz (Eds.), *The imitative mind: Development, evolution, and brain bases* (pp- 247-266). Cambridge, England: Cambridge University Press.

Rizzolatti, G. & Craighero, L (2004). The mirror-neuron system. *Annual Review of Neuroscience* 27: 169–192

Rizzolatti G, et al. (2000): Cortical mechanisms In: Gazzaniga MS, et al. (eds.): *The new cognitive Neurosciences*. Cambridge,USA: MIT Press, pp.. 539-552

Roth G (1996): Entstehen und Funktionen von Bewusstsein. *Dtsch Ärzteblatt* 30

Roth G (1997): Das Gehirn und seine Wirklichkeit. Frankfurt: Suhrkamp Taschenbuchverlag

Roth G (2001): Fühlen, Denken, Handeln. Frankfurt: Suhrkamp

Roth, G. (2004) Das Verhältnis von bewusster und unbewusster Verhaltenssteuerung. *Psychotherapie-Forum*,12, 59 -70

Rothschild, B. (2000). *The body remembers: The psychophysiology of trauma and trauma treatment*. New York & London: Norton.

Rüegg JC (2001): Psychosomatik, Psychotherapie und Gehirn. Stuttgart und New York: Schattauer

Ryle G. (1949): The concept of mind. Chicago: University of Chicago Press.

Sachsse Ulrich (Hg) (2004) Traumazentrierte Psychotherapie. Stuttgart und New York. Schattauer

Schacter D (2001): Wir sind Erinnerung. Reinbek: Rowohlt

Schiepek G (2003): Neurobiologie der Psychotherapie. Stuttgart: Schattauer

Schore, A.N. (1999) *Affect Regulation and the Origin of the Self: The Neurobiology of Emotional Development*. Hillsdale, NJ: Lawrence Erlbaum.

- Schore A (2002): Clinical Implications of a psychobiological model of projective identification.  
unveröffentlichtes Manuskript Siegel DL (1995): Memory, trauma and psychotherapy. J  
Psychother Pract Res 4:93-122
- Schore, A.N. (2003a). *Affect Dysregulation and disorders of the self*. New York & London: Norton.
- Schore, A.N. (2003b). *Affect Regulation and the repair of the self*. New York & London: Norton.
- Schubert T.W. (2004): The power in your hand: Gender differences in bodily feedback from making a fist. Personality and Social Psychology Bulletin, 30, 757-769.
- Schwartz R C (2011) Systemische Therapie mit der inneren Familie. Stuttgart: Klett Cotta
- Seller H et al. (1968): Über die Abhängigkeit der pressorezeptorischen Hemmung des Sympathicus von der Atemphase und ihre Auswirkung in der Vasomotorik. Pflügers Arch Ges Physiol 302: 300 - 314
- Siegel, D. (1999) *The Developing Mind: Toward a Neurobiology of Interpersonal Experience*. London: Guilford Press.
- Siegel D (2000): *The developing Mind*. New York, London: Guilford Press
- Siegel, D. (2003). An Interpersonal Neurobiology of Psychotherapy: The Developing Mind and the Resolution of Trauma. In Marion Solomon and Daniel Siegel (Eds.). *Healing Trauma: attachment, mind, body, and brain*. New York: Norton: pp 1-56.
- Siegel, D., Hartzell, M. (2003) *Parenting from the Inside Out*. Tarcher.
- Siegel, D. (2007). *The Mindful Brain: Reflection and Attunement in the Cultivation of Well-Being*. New York: Norton
- Siegman A., Anderson R., & Berger T. (1990): The angry voice: Its effects on the experience of anger and cardiovascular reactivity. Psychosomatic Medicine, 52, 631-643.
- Simmons K., & Barsalou L.W. (2003): The similarity-in-topography principle: Reconciling theories of conceptual deficits. Cognitive Neuropsychology, 20, 451-486.
- Singer W (2004): Ein Spiel von Spiegeln. Spektrum der Wissenschaft (Spezial) 1:20 -25
- Singer W., Engel A.K., Fries P. (2001) :Synchrony, oscillations, and relational codes. In :Nature Reviews Neuroscience, Bd. 2, S. 704
- Singer, T. Et al.( 2004): Brain Responses to the Acquired Moral Status of Faces. In: Neuron 41, S.653-662.
- Singer, T., Seymour, B., O'Doherty, J., Kaube, H., Dolan, R.J., and Frith, C.F. (2004) Empathy for pain involves the affective but not the sensory components of pain. Science 303: 1157-1162.
- Slipp SS, Nissenfeld S (1981): An experimental study of psychoanalytic theories of depression, J Am Acad Psychoanal 9:583-600
- Smith JC, Davidson RJ, Kabat-Zinn J, (2004) Alterations in Brain and Immune Function Produced by mindfulness Meditation: Thre caveats. Psychosomatic Medicine 66 / 1; 148- 152
- Soden-Fraunhofen Rv, Sim E-J, Lieblich S, Frank K, Kiefer M.** Die Rolle der motorischen Interaktion beim Erwerb begrifflichen Wissens. Zeitschrift für Pädagogische Psychologie 2007; 22: 47-58.
- Solms M, Turnbull O (2002). *The Brain and the Inner World*. New York: Other Press.
- Solms M, Turnbull O (2003): Das Gehirn und die innere Welt. Stuttgart: Klett-Cotta

- Solomon K.O., & Barsalou L.W. (2004): Perceptual simulation in property verification. *Memory & Cognition*, 32, 244-259.
- Spitzer M (2001): Ketchup und das kollektive Unbewusste. Heidelberg: Spektrum Akademischer Verlag
- Spitzer M (2002): Lernen. Heidelberg: Spektrum Akademischer Verlag
- Spivey M., Tyler M., Richardson D., & Young E. (2000): Eye movements during comprehension of spoken scene descriptions. In Proceedings of the 22<sup>nd</sup> Annual Conference of the Cognitive Science Society, (pp. 487-492). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.
- Stepper S., & Strack F. (1993): Proprioceptive determinants of emotional and nonemotional feelings. *J of Personality and Social Psychology*, 64, 211-220.
- Stern D. N. (1987). *The Interpersonal World of the Infant*. New York: Basic Books.
- Stern D. N. (1998): Die Lebenserfahrung des Säuglings. Stuttgart: Klett-Cotta.
- Strack F et al. (1988) Inhibiting and facilitating conditions of the human smile. *Journal of Personality and Social Psychology* 5: 768 - 777
- Strack F., Martin L.L., & Stepper S. (1988): Inhibiting and facilitating conditions of the human smile: A nonobtrusive test of the facial feedback hypothesis, *J of Personality and Social Psychology*, 54, 768-777.
- Strauss, B., Buchheim, A., Kächele, H. (2003) (Hsg.): *Klinische Bondungsforschung: Methoden und Konzepte*. Stuttgart: Schattauer
- Tang Y-Y, Ma Y, Wang J, Fan Y, Feng S, Lu Q, Yu Q, Sui D, Rothbart MK, Posner MI (2007) Short-term meditation training Improves attention and selfregulation. *PNAS* 104; 17152- 17156
- Taub, E. et al. (2006) A placebo -controlled trial of constrained-induced movement therapy for upper extremity after stroke. *Stroke* 37.4 Seite 1045 – 49
- Tronick, E. (2007). *Neurobehavioral and Social Emotional Development of Infants and Children*. New York: Norton.
- Trautmann-Voigt, S., Voigt, B. (1998): Bewegung ins Unbewusste. Beiträge zur Säuglingsforschung und analytischen Körperpsychotherapie. Frankfurt: Brandes&Apsel
- Uvnäs-Moberg K (1997) Physiological endocrine effects of social contact. *Ann NY Acad Sci* 807: 146-163
- Uvnäs-Moberg K (1998) Oxytocin may mediate the benefits of positive social interaction and emotions. *Psychoneuroendocrinology* 23(8): 819-853
- Uvnäs-Moberg K (1999) Oxytocin as a possible mediator of SSRI-induced antidepressant effects. *Psychopharmacology* 142: 95-101
- Uvnäs-Moberg K & Francis, R. (2003). *The Oxytocin Factor: Tapping the Hormone of Calm, Love and Healing*. Jackson, TN: Perseus.
- Uvnäs-Moberg K, Petersson M. (2005) Oxytocin, ein Vermittler von Antistress, Wohlbefinden, sozialer Interaktion, Wachstum und Heilung. *Z Psychosom Med Psychother*. 2005;51(1):57-80
- van der Kolk, B.A., Mcfarlane, A.C. & Weisaeth, L. (Eds) (1996). *Traumatic stress: The effects of overwhelming experience on mind, body, and society*. New York: Guilford Press.
- van der Kolk .BA.. (2000). Traumatic Stress. Paderborn: Jungfermann
- Wiesel T (1994): *Science* 264:1647

Vanman E.J., Paul B.Y., Ito T.A., & Miller N. (1997): The modern face of prejudice and structural features that moderate the effect of cooperation on affect. *J of Personality and Social Psychology*, 73, 941-959.

Varela F.J., Thompson E., & Rosch E. (1991): The embodied mind: Cognitive science and human experience. Cambridge, MA: MIT Press.

Vissing SF, Hjortso EM (1996): Central motor command activates sympathetic outflow to the cutaneous circulation in humans . *J Physiol* 492: 931-9

Wallbott H.G. (1991): Recognition of emotion from facial expression via imitation? Some indirect evidence for an old theory. *British J of Social Psychology*, 30, 207-219.

Webb J.T. (1972): Interview synchrony: An investigation of two speech rate measures. In A.W. Seligman & B. Pope (Eds.), *Studies in dyadic communication* (pp. 115-133). New York: Pergamon.

Wells G. L., & Petty, R. E. (1980): The effects of head movements on persuasion: Compatibility and incompatibility of responses. *Basic and Applied Social Pathology*, 1, 219-230.

Wicker B., Keysers C., Plailly J., Royet J.-P., Gallese V., & Rizzolatti G. (2003): Both of us disgusted in my insula: The common neural basis of seeing and feeling disgust. *Neuron*, 40, 655-664.

Wiesel TN (1994): Genetics and behavior. *Science* 264: 1647

Wilson M. (2002): Six views of embodied cognition. *Psychonomic Bulletin & Review*, 9, 625-636.

Winkielmann P., Berridge K.C., & Wilbarger J. (**im Druck – das sollte noch recherchiert werden, das war wohl 2005 oder 2006**): Unconscious affective reactions to masked happy versus angry faces influence consumption behavior and judgements of value. *Personality and Social Psychology Bulletin*.

Winnicott DW (1983): Von der Kinderheilkunde zur Psychoanalyse. Stuttgart: Fischer

Yeh SR, et al. (1996): The effects of social experience ... *Science* 271: 366-369

Zajonc R.B., & Markus H. ( 1984): Affect and cognition: The hard interface. In C. Izard, J. Kagan, & R. B. Zajonc (Eds.): *Emotions, cognition and behaviour* (pp. 73-102). Cambridge, England: Cambridge University Press.

Zajonc R.B., Pietromonaco P., Bargh J. (1982): Independence and interaction of affect and cognition. In M.S. Clark & S. Fiske (Eds.), *Affect and Cognition: The 17<sup>th</sup> Annual Carnegie Symposium on Cognition*. Hilllsdale, NJ: Lawrence Erlbaum Associates, Inc..

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