

## RIFERIMENTI BIBLIOGRAFICI

- Adolphs, R. (2002). Neural systems for recognizing emotion. *Current Opinions in Neurobiology*, 12, 169-177.
- Adolphs, R., & Tranel, D. (2004). Impaired judgements of sadness but not happiness following bilateral amygdala damage. *Journal of Cognitive Neuroscience*, 16, 453-462.
- Adolphs, R., Tranel, D., & Damasio, H. (2003). Dissociable neural systems for recognizing emotions. *Brain and Cognition*, 52, 61-69.
- Adolphs, R., Tranel, D., Damasio, H., & Damasio, A. (1995). Impaired recognition of emotion in facial expression after bilateral damage to the human amygdala. *Nature*, 372, 669-672.
- Allison, T., Puce, A., Spencer, D.D., & McCarthy, G. (1999). Electrophysiological studies of human face perception : Potentials generated in occipitotemporal cortex by face and non-face stimuli. *Cerebral Cortex*, 9, 415-430.
- Alter, K., Rank, E., Kotz, S.A., Toepel, U., Besson, M. Schirmer, A., & Friederici, A.D. (2003) Affective encoding in the speech signal and in event-related potentials. *Speech Communication*, 40, 61-70.
- Anolli, L., & Ciceri, R. (1997). *La voce delle emozioni. Verso una seriosità della comunicazione vocale non-verbale delle emozioni*. Milano: Franco Angeli.
- Arnold, M.B. (1960). *Emotion and personality*. New York: Columbia University Press.
- Aubergé, V., & Cathiard, M. (2003). Can we hear the prosody of smile?. *Speech Communication*, 40, 87-97.
- Balconi, M. (2002). Neuropsicologia della comunicazione. In L. Anolli (Ed.), *Manuale di psicologia della comunicazione* (pp. 85-125). Bologna: Il mulino.

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- Balconi, M. (2004). Decoding dell'espressione facciale delle emozioni, arousal e valenza edonica. Analisi mediante potenziali evocati corticali (ERPs). *Ricerche di Psicologia*, 2, 7-34.
- Balconi, M. (2005b). An ERP study on facial expression of emotion: comparison of linguistic and visual semantic decoding. *Perceptual and Motor Skills*, 100, 129-134.
- Balconi M. & Carrera A. (2006). Lessicalizzazione e concettualizzazione nella comprensione della mimica emotiva. Analisi mediante script emotivi. *Età Evolutiva*, 83, 18-29.
- Balconi M., Lucchiari C. (2005). Consciousness, emotion and face: An event-related potentials (ERP) study. In R.D. Ellis & N. Newton (Eds.), *Consciousness and emotion. Agency, conscious choice, and selective perception* (pp. 121-135). John Benjamins Publishing Company: Philadelphia.
- Balconi, M., & Lucchiari, C. (2006). EEG correlates (event-related desynchronization) of emotional face elaboration: A temporal analysis. *Neuroscience Letters*, 392, 118-123.
- Balconi M., Pozzoli U. (2003). Face-selective processing and the effect of pleasant and unpleasant emotional expressions of ERP correlates. *International Journal of Psychophysiology*, 49, pp. 67-74.
- Banich, M.T. (1997). *Neuropsychology. The neural bases of mental function*. Boston: Houghton Mifflin Company.
- Banse, R., & Scherer, K.R. (1996). Acoustic profiles in vocal emotion expression. *Journal of Personality and Social Psychology*, 70, 614-636.
- Bauer, R.M. (1984). Autonomic recognition of names and faces in prosopagnosia: A neuropsychological application of the knowledge test. *Neuropsychologia*, 22, 457-469.
- Bentin, S., & Deouell, L.Y. (2000). Structural encoding and identification in face processing: ERP evidence for separate mechanisms. *Cognitive Neuropsychology*, 17, 35-54.

- Boetzel, K., & Grusser, O.J. (1989). Electric brain potentials evoked by pictures of faces and non-faces: a search for "face-specific" EEG-potentials. *Experimental Brain Research*, 77, 349-360.
- Bolognini, N., Rasi, F., & Ladavas, E. (2005). Visual localization of sounds. *Neuropsychologia*, 43, 1655-1661.
- Bullock M., Russell J. A. (1986). Concepts of emotion in developmental psychology. In C. E. Izard & P. B. Read, *Measuring emotions in infants and children* (pp. 203-237). Cambridge: Cambridge University Press.
- Bushara, K.O., Grafman, J., Hallett, & M. (2001). Neural correlates of auditory-visual stimulus onset asynchrony detection. *Journal of Neuroscience*, 21, 300-304.
- Cacioppo, J.T., Berntson, G.G., Larsen, J.T., Poehlmann, K.M., & Ito T.A. (2000). The psychophysiology of emotion. In M. Lewis & J.M. Haviland-Jones (Eds.), *Handbook of emotions* (pp. 173-191). New York: Guilford Press.
- Calder, A.J., Young, A.W., Rowland, D., Perrett, D., Hodges, J.R., & Ectoff, N.L. (1996). Facial emotion recognition after bilateral amygdala damage: Differentially severe impairment of fear. *Cognitive Neuropsychology*, 13, 699-745.
- Callan, D.E., Callan, A.M., Kroos, C., & Vatikiotis-Bateson, E. (2001). Multimodal contribution to speech perception revealed by independent component analysis: a single-sweep EEG case study. *Cognitive Brain Research*, 10, 349-353.
- Calvert, G.A. (2001). Cross-modal processing in the human brain: Insights from functional neuroimaging studies. *Cerebral Cortex*, 11, 1110-1123.
- Calvert, G.A., Brammer, M.J., Bullmore, E.T., Campbell, T., Iversen, S.D., & David, A.S. (1999). Response amplification in sensory-specific cortices during cross-modal binding. *Neuroreport*, 10, 2619-2623.
- Calvert, G.A., Brammer, M.J. & Iversen, S.D. (1998). Cross-modal identification. *Trends in Cognitive Sciences*, 7, 247-253.
- Calvert, G.A., Bullmore, E.T., Brammer, M.J., Campbell, M., & Williams, S.C.R. (1997). Activation of auditory cortex during silent lipreading. *Science*, 276, 593-596.

- Calvert, G.A., Campbell, M., & Brammer, R.J. (2000). Evidence from functional magnetic resonance imaging in cross-modal binding in the human heteromodal cortex. *Current Biology*, 10, 649-657.
- Calvert, G.A., Hansen, P.C., Iversen, S.D., & Brammer, M.J. (2001). Detection of audio-visual integration sites in human by application of electrophysiological criteria to the BOLD effect. *Neuroimage*, 14, 427-238.
- Colin, C., Radeau, M., & Deltenre, P. (2005). Top-down and bottom-up modulation of audiovisual integration in speech. *European Journal of Cognitive Psychology*, 17, 541-560.
- Cook, N.D. (2002). *Tone of voice and mind. The connections between intonation, emotion, cognition and consciousness*. Amsterdam/Philadelphia: John Benjamins Publishing company.
- Darwin, C. (1872/1998). *The expression of emotions in man and animals*. New York: Oxford University Press.
- Davidson, R.J., & Irwin, W. (1999) The functional neuroanatomy of emotion and affective style. *Trends in Cognitive Science*, 3,11-21.
- Davidson, R.J., Scherer, K.R., & Goldsmith, H.H. (2003). *Handbook of affective sciences*. Oxford/New York : Oxford University Press.
- Davis, M., & Whalen, P.J. (2001). The amygdala: Vigilance and emotion. *Molecular Psychiatry*, 6, 13-34.
- Debruille, J.B., Pineda, J., & Renault, B. (1996). N400-like potentials elicited by faces and knowledge inhibition. *Cognitive Brain Research*, 4, 133-144.
- De Gelder, B. (2000). Recognizing emotions by ear and by eye. In R. D. Lane & L. Nadel (Eds.), *Cognitive neuroscience of emotion* (pp. 84-105). New York: Oxford University Press.
- De Gelder, B., Böcker, K. B. E., Tuomainen, J., Hensen, M., & Vroomen, J. (1999). The combined perception of emotion from voice and face: Early interaction revealed by human electric brain responses. *Neuroscience Letters*, 260, 133-136.

- De Gelder, B., Pourtois, G., & Weiskrantz, L. (2002). Fear recognition in the voice is modulated by unconsciously recognized affective pictures. *Proceedings of the National Academy of Science, USA*, 99, 4121-4126.
- De Gelder, B., & Vroomen, J. (2000). The perception of emotions by ear and by eye. *Cognition and Emotion*, 14, 289-311.
- De Gelder, B., Vroomen, J., & Bertelson, P. (1998). Upright but not inverted faces modify the perception of emotion in the voice. *Cahiers de Psychologies Cognitive/Current Psychology of Cognition*, 17, 1021-1031.
- De Gelder, B., Vroomen, J., & Pourtois, G. (2004). Multisensory perception of emotion, its time course, and its neural basis. In G. Calvert, C. Spence & B.E. Stein (Eds.), *The handbook of multisensory processes* (pp. 581-596). Cambridge: The MIT Press.
- Dolan, R. J., Morris, J. S., & de Gelder, B. (2001). Cross-modal binding of fear in voice and face. *Proceedings of the National Academy of Science*, 98, 10006-10010.
- Donchin, E., & Coles, M.G.H. (1988). Is the P300 component a manifestation of contextual updating ?. *Behavioral and Brain Sciences*, 11, 357-374.
- Douglas-Cowie, E., Campbell, N., Cowie, R., & Roach, P. (2003) Emotional speech: Towards a new generation of database. *Speech Communication*, 40, 33-59.
- Downar, J., Crawley, A.P., Mikulis, D.J., & Davis, K.D. (2000). A multimodal cortical network for the detection of changes in the sensory environment. *Nature Neuroscience*, 3, 277-283.
- Driver, J., & Spence, C. (2000). Multisensory perception: Beyond modularity and convergence. *Current Biology*, 10, 731-735.
- Eimer, M., & McCarthy, R.A. (1999). Prosopagnosia and structural encoding of face: evidence from event-related potentials. *Neuroreport*, 10, 255-259.
- Ekman, P. (1994). Strong evidence for universals in facial expressions: A reply to Russell's mistaken critique. *Psychological Bulletin*, 115, 268-287.
- Ekman P., Friesen W. V. (1976). *Pictures of facial affects*, Consulting Psychologist Press: Palo Alto.

- Ellis, H.C., & Ashbrook, P.W. (1988). Resource allocation model of the effects of depressed mood states on memory. In K. Fiedler & J. Forgas (Eds.), *Affect, cognition and social behaviour* (pp. 25-43). Toronto: Hogrefe.
- Ellis, A.W., & Young, A.W. (1995). *Human cognitive neuropsychology: A textbook with readings*. Hove: Psychology Press.
- Ellsworth P.C., Scherer, K.R. (2003). Appraisal processes in emotion. In R.J. Davidson, K.R. Scherer, & H.H. Goldsmith, *Handbook of affective sciences* (pp. 572-595). Oxford/New York : Oxford University Press.
- Etcoff, N.L. (1986). The neuropsychology of emotional expression. In G. Goldstein & R.E. Tarter (Eds.), *Advances in clinical neuropsychology* (pp. 49-76). New York: Plenum Press.
- Ettlingen, G., & Wilson, W.A. (1990). Cross-modal performance: Behavioural processes, phylogenetic considerations and neural mechanisms. *Behavioural Brain Research*, 40, 169-192.
- Falchier, A., Clavagnier, S., Barone, P., & Kennedy, H. (2002). Anatomical evidence of multimodal integration in primate striate cortex. *Journal of Neuroscience*, 22, 5749-5759.
- Farah, M.J., O'Reilly, R.C., & Vecera, S.P. (1993). Dissociated overt and covert recognition as an emergent property of a lesioned neural network. *Psychological Review*, 100, 571-588.
- Fort, A., Delpuech, C., Pernier, J., & Giard, M.-H. (2002). Early auditory-visual interactions in human cortex during nonredundant target identification. *Cognitive Brain Research*, 14, 20-30.
- Fort, A., & Giard, M.-H. (2004). Multiple electrophysiological mechanisms of audiovisual integration in human perception. In G. Calvert, C. Spence, & B.E. Stein (Eds.), *The handbook of multisensory processes* (pp.503-513). Cambridge: The MIT Press.
- Fridlund A.J. (1994). *Human facial expression*. San Diego, Academic Press.

- Frijda, N.H. (2000). The psychologists' point of view. In M. Lewis & J.M. Haviland-Jones (Eds.), *Handbook of emotions* (pp. 59-74). New York: Guilford Press.
- George, M.S., Parekh, P.I., Rosinsky, N., Ketter, T.A., Kimbrell, T.A., Heilman, K.M., Herscovitch, P. & Post, R.M. (1996). Understanding emotional prosody activates right hemisphere regions. *Archives of Neurology*, 53, 665-670.
- Giard, M.H., & Peronnet, F. (1999). Auditory-visual integration during multimodal object recognition in humans: A behavioral and electrophysiological study. *Journal of Cognitive Neuroscience*, 11, 473-490.
- Gobl, C., & Chasaide, A.N. (2003). The role of voice quality in communicating emotion, mood and attitude. *Speech Communication*, 40, 189-212.
- Graziano, M.S., Hu, X.T., & Gross, C.G. (1997). Visuospatial properties of ventral premotor cortex. *Journal of Neurophysiology*, 77, 2268-2292.
- Green, R.E.A., Turner, G.R., & Thompson, W.F. (2004). Deficits in facial emotion perception in adults with recent traumatic brain injury. *Neuropsychologia*, 42, 133-141.
- Hadjikhani, N., & Roland, P.E. (1998). Cross-modal transfer of information between the tactile and the visual representations in the human brain: A positron emission tomographic study. *Journal of Neuroscience*, 18, 1072-1084.
- Halgrean, E., & Marinkovic, K. (2005). Neurophysiological networks integrating human emotions. In M. Gazzaniga (Ed.), *The cognitive neurosciences* (pp. 1137-1152). Cambridge, The MIT Press.
- Harrè, R., & Parrott, W.G. (1996). *The emotions: Social, cultural, and biological dimensions*. Thousand Oaks: Sage.
- Imaizumi, S., Mori, K., Kiritani, S., Hosoi, H., & Tonoike, M. (1998). Task-dependent laterality for cue decoding during spoken language processing. *Neuroreport*, 9, 899-903.
- Izard, C.E. (1977). *Human emotions*. New York: Plenum.
- Jasper, H.H. (1958). The ten-twenty electrode system of the International Federation. *Electroencephalography and Clinical Neurophysiology*, 10, 371-375.

- Johnstone, T., & Scherer, K.R. (2000). Vocal communication of emotion. In M. Lewis & J.M. Haviland-Jones (Eds.), *Handbook of emotions* (pp. 220-235). New York: Guilford Press.
- Junghöfer, M., Bradley, M.M., Elbert, T.R., & Lang, P.J. (2001). Fleeting images: A new look at early emotion discrimination. *Psychophysiology*, *38*, 175-178.
- Juslin, P.N., & Laukka, P. (2001). Impact of intended emotion intensity on cue utilization and decoding accuracy in vocal expression of emotion. *Emotion*, *1*, 381-412.
- Kahneman, D. (1973). *Attention and effort*. Englewood Cliffs: Prentice Hall.
- Katayama, J., & Polich, J. (1998). Stimulus context determines P3a and P3b. *Psychophysiology*, *35*, 23-33.
- Keltner, D., & Ekman, P. (2000). Facial expression of emotion. In M. Lewis & J. Haviland-Jones (Eds.), *Handbook of emotions*, 2(nd) edition, (pp. 236-249). New York: Guilford Publications, Inc..
- Killgore, W.D., & Yungelun-Todd, D.A. (2004). Activation of the amygdala and the anterior cingulate during the processing of nonconscious sad versus happy faces. *Neuroimage*, *21*, 1215-1223.
- Klasmeyer, G., & Sendlmeier, W.F. (1997). The classification of different phonation types in emotional and neutral speech. *Forensic Linguistics*, *4*, 104-124.
- Knight, R.T., & Scabini, D. (2003). Funzioni di controllo e lobi frontali del cervello. In Zani A. & Mado Proverbio A. (Eds.), *Elettrofisiologia della mente. Il cervello e le funzioni cognitive* (pp. 215-242). Roma, Carocci.
- Krolak-Salmon, P., Henaff, M.-A., Vighetto, A., Bertrand, O., & Manguiere, F. (2004). Early amygdala reaction to fear spreading in occipital, temporal and frontal cortex: A depth electrode ERP study in human. *Neuron*, *42*, 665-676.
- Lamme, V.A. (2001). Blindsight: The role of feedforward and feedback corticocortical connections. *Acta Psychologica*, *107*, 209-228.
- Lane, R.D., Nadel, L., Allen, J.J.B., & Kaszniak, A.W. (2000). The study of emotion from the perspective of cognitive neuroscience. In R.D. Lane & L. Nadel (Eds.), *Cognitive neuroscience of emotion* (pp. 3-11). New York: Oxford University Press.



- Lazarus, R.S. (2000). Appraisal, relational meaning, stress, and emotion. In K.R. Scherer, A. Schorr & T. Johnstone (Eds.), *Appraisal process in emotion: Theory, methods, research*. New York: Oxford University Press.
- LeDoux, J.E. (1998). *The emotional brain: The mysterious underpinnings of emotional life*. London: Weidenfeld & Nicolson. Trad. It.: *Il cervello emotivo: Alle origini delle emozioni*. Milano: Baldini e Castoldi, 2003.
- LeDoux, J.E., & Phelps, E.A. (2000). Emotional networks in the brain. In M. Lewis & J.M. Haviland-Jones (Eds.), *Handbook of emotions* (pp. 157-172). New York: Guilford Press.
- Levänen, S., & Sams, M. (1997). Disrupting human auditory change detection: Chopin is superior to white noise. *Psychophysiology*, 34, 258-265.
- Liddell, B.J., Brown, K.J., Kemp, A.H., Barton, M.J., Das, P., Peduto, A., Gordon, E., & Williams, L.M. (2005). A direct brainstem-amygdala-cortical "alarm" system for subliminal signals of fear. *Neuroimage*, 24, 235-243.
- Liddell, B.J., Williams, L.M., Rathjen, J., Shevrin, H. & Gordon, E. (2004). A temporal dissociation of subliminal versus supraliminal fear perception: An event-related potential study. *Journal of Cognitive Neuroscience*, 16, 479-486.
- Linkenkaer, K., Palva, J.M., Sams, M., Hietanen, J.K., Aronen, H.J., & Ilmoniemi, R.J. (1998). Face-selective processing in extrastriate cortex around 120 ms after stimulus onset revealed by magneto- and electroencephalography. *Neuroscience Letters*, 253, 147-150.
- Luu, P., & Tucker, D.M. (2003). Self-regulation and the executive functions: Electrophysiological clues. In A. Zani & A. Mado Proverbio (Eds.), *In the cognitive electrophysiology of mind and brain* (pp. 199-223). California, Elsevier.
- Macaluso, E., Frith, C.D., & Driver, J. (2000). Modulation of human visual cortex by cross-modal spatial attention. *Science*, 289, 1206-1208.
- Marinckovic, K., & Halgren, E. (1998). Human brain potentials related to the emotional expression, repetition, and gender of faces. *Psychobiology*, 26, 348-356.

- 
- Marks, L. E. (1978). *The unity of the senses. Interrelations among the modalities*. New York: Academic Press.
- Marks, L. E. (1987). On cross-modal similarity: audio-visual interactions in speeded discrimination. *Journal of Experimental Psychology. Human Perceptual Performances*, 13, 384-394.
- Marks, L. E. (1989). On cross-modal similarity: the perceptual structure of peach, loudness and brightness. *Journal of Experimental Psychology. Human Perceptual Performances*, 15, 586-602.
- Marks, L. E., Ben-Artzi, E., E, & Lakatos, S. (2003). Cross-modal interactions in auditory and visual discrimination. *International Journal of Psychophysiology*, 50, 125-145.
- Massaro, D. W., & Egan, P. B. (1996). Perceiving affect from the voice and the face. *Psychonomic Bulletin & Review*, 3, 215-221.
- McDonald, S., & Flanagan, S. (2004). Social perception deficits after traumatic brain injury: The interaction between emotion recognition, mentalising ability and social communication. *Neuropsychology*, 18, 572-579.
- McDonald, S., & Saunders, J.C. (2005). Differential impairment in recognition of emotion across different media in people with severe traumatic brain injury. *Journal of the International Neuropsychological Society*, 11, 392-399.
- McGurk, H., & McDonald, J. (1976). Hearing lips and seeing voices. *Nature*, 264, 746-748.
- McLeod, C.M., & McDonald, P.A.(2000). Interdimensional interference in the Stroop effect: Uncovering the cognitive and neural anatomy of attention. *Trends in Cognitive Sciences*, 4, 383-391.
- Meinhardt, J, & Pekrun, R. (2003). Attentional resource allocation to emotional events: An ERP study. *Cognition and Emotion*, 17, 477-500.
- Meredith, M. A. (2002). On the neuronal basis of multisensory convergence: A brief overview. *Cognitive Brain Research*, 14, 31-40.
- Mesulam, M.M. (1998). From sensation to cognition. *Brain*, 121, 1013-1052.

- Morris, J.S., de Gelder, B., Weiskrantz, L., & Dolan, R.J. (2001). Differential extrageniculostriate and amygdala responses to presentation of emotional faces in a cortically blind field. *Brain*, 124, 1241-1252.
- Morris, J.S., Öhman, A., & Dolan, R.J. (1998). Conscious and unconscious emotional learning in the human amygdala. *Nature*, 393, 467-470.
- Morris, J.S., Öhman, A., & Dolan, R.J. (1999). A subcortical pathway to the right amygdala mediating "unseen" fear. *Proceedings of the National Academy of Science of the United States of America*, 96, 1680-1685.
- Näätänen, R. (1992). *Attention and brain function*. Mahwah: Lawrence Erlbaum Associates.
- Odgaard, E.C., Arieh, Y., & Marks, L.E. (2003). Cross-modal enhancement of perceived brightness: intersensory interaction vs. response bias. *Perceptual Psychophysiology*, 65, 123-132.
- O'Doerty, J., Rolls, E.T., & Kringelbach, M. (2004). Neuroimaging studies of cross-modal integration for emotion. In G. Calvert, C. Spence & B.E. Stein (Eds.), *The handbook of multisensory processes* (pp. 563-579). Cambridge: The MIT Press.
- O'Keefe, B.J. (1988). The logic of message design: Individual differences in reasoning about communication. *Communication Monographs*, 55, 80-103.
- Olson, I.R., Gatenby, J.C., & Gore, J. C. (2002). A comparison of bound and unbound audio-visual information processing in the human cerebral cortex. *Cognitive Brain research*, 14, 129-138.
- Peper, M., & Irle, E. (1977). Categorical and dimensional decoding of emotional intonations in patients with focal brain lesion. *Brain and Language*, 57, 233-264.
- Phillips, M.L., Young, A.W., Scott, S.K., Calder, A.J., Andrew, et al. (2003). Neural responses to facial and vocal expressions of fear and disgust. *Proceedings of the Royal Society of London, Series B, Biological Sciences*, 265, 1809-1817.
- Pinker, S. (1997). *How the mind works*. New York: Norton.
- Pittam, J., & Scherer, K.R. (1993). Vocal expression and communication of emotion. In M. Levis, J.M. Haviland (Eds.), *Handbook of emotions* (pp. 185-198). New York: Guilford Press.

- Planalp, S., & Knie, K. (2002). Integrating verbal and nonverbal emotion(al) messages. In S.R. Fussell, (Ed.), *The verbal communication of emotions: Interdisciplinary perspectives* (pp. 55-77). Mahwah: Erlbaum.
- Pourtois, G., Debatisse, D., Despland, P.-A., & de Gelder, B. (2002). Facial expressions modulate the time course of long latency auditory brain potentials. *Cognitive Brain Research*, 14, 99-105.
- Pourtois, G., de Gelder, B., Bol, A., & Crommelinck, M. (2005). Perception of facial expressions and voices and of their combination in the human brain. *Cortex*, 41, 49-59.
- Pourtois, G., de Gelder, B., Vroomen, J., Rossion, B., & Crommelinck, M. (2000). The time-course of intermodal binding between seeing and hearing affective information. *Neuroreport*, 11, 1329-1333.
- Raij, T., Uutela, K., & Hari, R. (2000). Audiovisual integration of letters in the human brain. *Neuron*, 28, 617-625.
- Ranganath, C., & Rainer, G. (2003). Neural mechanisms for detecting and remembering novel events. *Natural Review, Neuroscience*, 4, 193-202.
- Renault, B., Signoret, J.L., DeBruille, B., Breton, F. & Bolgert, F. (1989). Brain potentials reveal covert facial recognition in prosopagnosia. *Neuropsychologia*, 27, 905-912.
- Rosch E., Mervis C. (1981). Categorisation of natural objects. In M. Posenszweig & L. Porter (Eds.). *Annual Review of Psychology*, 32.
- Ross, E.D. (2000). Affective prosody and the aprosodias. In M.M. Mesulam (Ed.), *Principle of behavioral and cognitive neurology* (pp. 316-331). Oxford: Oxford University Press.
- Rugg, M.D., & Coles, M.G.H. (1995). *Electrophysiology of mind*. Oxford: Oxford University Press.
- Russell, J.A. (1991). Culture and the categorization of emotions. *Psychological Bulletin*, 110, 426-450.
- Russell J. A., Fernàndez-Dols J. M. (1998). *Psicologia delle espressioni facciali*. Trento: Erikson. Ed. originale: Cambridge: Cambridge University Press, 1997.

- Russell J. A., & Widen S. C. (2002). Words versus faces in evoking preschool children's knowledge of the causes of emotions. *International Journal of Behavioral Development*, 26, 97-103.
- Sams, M., Aulanko, R., Hamalainen, M., Hari, R., Lounasmaa, O.V., Lu, S.T., & Simola, J. (1991). Seeing speech: Visual information from lip movements modify activity in the human brain cortex. *Neuroscience Letters*, 127, 141-145.
- Sato, W., Kochiyama, T., Yoshikawa, S., & Matsumura, M. (2001). Emotional expression boots early visual processing of faces: ERP recording and its decomposition by independent component analysis. *Neuroreport*, 12, 709-714.
- Scherer, K.R. (1986). Vocal affect expression: A review and a model for future research. *Psychological Bulletin*, 99, 143-165.
- Scherer, K.R. (1988). Criteria for emotion-antecedent appraisal: A review. In V. Hamilton, G.H. Bower & N.H. Frijda (Eds.), *Cognitive perspectives on emotion and motivation* (pp. 89-126). Dordrecht: Kluwer.
- Scherer, K.R. (1994). *Affect bursts*. In S.H.M. van Goozen & Sergeant (Eds), *Emotions: Essays on motion theory* (pp 161-193). Hillsdale: Lawrence Erlbaum.
- Scherer, K.R. (2003). Introduction: Cognitive components of emotion. In R.J. Davidson, K.R. Scherer, H.H. Goldsmith (Eds.), *Handbook of affective sciences* (pp. 563-595). Oxford/New York: Oxford University Press.
- Scherer, K.R., Johnstone, T., & Klasmeyer, G. (2003). Vocal expression of emotion. In R. J. Davidson, H. Goldsmith, & K. R. Scherer (Eds.), *Handbook of the Affective Sciences* (pp. 433-456). New York: Oxford University Press.
- Schröder, M. (2003). Experimental study of affect burst. *Speech Communication*, 40, 99-116.
- Schroeder, C.E., & Foxe, J.J. (2002). The timing and laminar profile of converging inputs to multisensory areas of the macaque neocortex. *Cognitive Brain Researches*, 14, 187-198.
- Schroeder, C.E., Lindsley, R.W., Specht, C. Marcovici, A., Smiley, J.F., & Javuit, D.C. (2001). Somatosensory input to auditory association cortex in the macaque monkey. *Journal of Neurophysiology*, 85, 1322-1327.

- Schroeder, C. E., Smiley, J., Fu, K. J., McGinnis, T., O'Connell, M. N., & Hackett, T. A. (2003). Anatomical mechanisms and functional implications of multisensory convergence in early cortical processing. *International Journal of Psychophysiology*, 50, 5-17.
- Schupp, H.T., Cuthbert, B.N., Bradley, M.M., Hillman, C.H., Hamm, A.O., & Lang, P.J. (2004). Brain processes in emotion perception: Motivated attention. *Cognition and emotion*, 18, 593-611.
- Schupp, H.T., Cuthbert, B.N., Bradley, Cacioppo, J.T., Ito, T., & Lang, P.J. (2000). Affective picture processing: The late positive potential is modulated by motivational relevance. *Psychophysiology*, 37, 257-261.
- Schwarzer G., Zauner N., & Korell M. (2003). Face processing during the first decade of life. In G. Schwarzer & H. Leder (Eds.), *The development of face processing* (pp. 55-80). Göttingen: Hogrefe & Huber.
- Schweinberger, S.R., Robertson, D., & Kaufmann, J.M. Hearing facial identities. *In press*.
- Scott, S.K., Young, A.W., Calder, A.J., & Hellowell, D.J. (1997). Impaired auditory recognition of fear and anger following bilateral amygdala lesions. *Nature*, 385, 254-275.
- Stein, B.E., & Wallace, M.T. (1996). Comparisons of cross-modality integration in midbrain and cortex. *Progress in Brain Research*, 112, 289-299.
- Stenberg, G., Wiking, S., & Dahl, M. (1998). Judging words at face value: Interference in a word processing task reveals automatic processing of affective facial expressions. *Cognition and Emotion*, 12, 755-782.
- Streit, M., Brinkmeyer, J., Ihl, R., & Gaebel, W. (2000). Electrophysiological correlates of emotional and structural face processing in humans. *Neuroscience Letters*, 278, 13-16.
- Surakka, V., Tenhunen-Eskelinen, M., Hietanen, J. K., & Sams, M. (1998). Modulation of human auditory information processing by emotional visual stimuli. *Cognitive Brain Research*, 7, 159-163.

- Taylor, K.I., & Brugger, P.U. (2005). Audiovisual peduncular hallucinations: A release of cross-modal integration sites? *Cognitive & Behavioral Neurology*, 18, 135-136.
- Teder-Sälejärvi, W.A., McDonald, J.J., Di Russo, F., & Hillyard, S.A. (2002). An analysis of audio-visual cross-modal integration by means of event-related potential (ERP) recordings. *Cognitive Brain Research*, 14, 106-114.
- Tomkins, S.S. (1962). *Affect, imagery and consciousness*. New York: Springer.
- Tranel, D., Bechara, A., & Dunburg, N.L. (2002). Asymmetric functional roles of right and left ventromedial prefrontal cortices in social conduct, decision making and emotional processing. *Cortex*, 38, 589-612.
- Tranel, D., & Damasio, A.R. (1987). Evidence for covert recognition of faces in global amnesic. *Journal of Clinical and Experimental Neuropsychologia*, 9, 15.
- Tranel, D., Damasio, H. & Damasio, A.R. (1995). Double dissociation between overt and covert face recognition. *Journal of Cognitive Neuroscience*, 7, 425-432.
- Tucker, D.M., Watson, R.T., & Heilman, K.M. (1977). Discrimination and evocation of affectively intoned speech in patients with right parietal disease. *Neurology*, 27, 947-950.
- Van Lancker, D., & Sidtis, J.J. (1992). The identification of affective-prosodic stimuli by left- and right. Hemisphere-damaged subjects: All errors are not created equal. *Journal of Speech and Hearing Research*, 35, 963-970.
- Violi P. (1997). *Significato ed esperienza*. Milano: Bompiani.
- von Kriegsten, K., Kleinschmidt, A., Sterzer, P., & Giraud, A.L. (2005). Interaction of face and voice areas during speaker recognition. *Journal of Cognitive Neuroscience*, 12, 367-376.
- Vroomenn, J., Collier, R., & Mozziconacci, S. (1993). Duration and intonation in emotional speech. In *Proceedings of the Third European Conference on Speech Communication and Technology*, Berlin, pp. 577-580.
- Vuilleumier, P., Armony, J.L., Clarke, K., Husain, M., Driver, J., & Dolan, R.J. (2002). Neural response to emotional faces with and without awareness:

- Event-related fMRI in a parietal patient with visual extinction and spatial neglect. *Neuropsychologia*, 40, 2156-2166.
- Vuilleumier, P., Armony, J.L., Driver, J., & Dolan, R.J. (2003). Distinct spatial frequency sensitivities for processing faces and emotional expressions. *Nature Neuroscience*, 6, 524-631.
- Welsch, R.B., & Warren, D.H. (1986). Intersensory interactions. In K.R. Kaufman & J.P. Thomas, *Handbook of human perception and human performance*, Vol. 1 (pp. 1-36). New York: Wiley.
- Whalen, P.J., Rauch, S.L., Etcoff, N.L., McInerney, S.C., Lee, M.B., & Jenike, M.A. (1998). Masked presentations of emotional facial expressions modulate amygdala activity without explicit knowledge. *Journal of Neuroscience*, 18, 411-418.
- Whalen, P.J., Rauch, S.L., Etcoff, N.L., McInerney, S.C., Lee, M.B., & Jenike, M.A. (1998). Masked presentations of emotional facial expressions modulate amygdala activity without explicit knowledge. *The Journal of Neuroscience*, 18, 411-418.
- Widen S. C., & Russell J. A. (2003). A closer look at preschoolers' freely produced labels for facial expressions. *Developmental Psychology*, 39, 114-128.
- Widen, S. C., & Russell, J. A. (2004). The relative power of an emotion's facial expression, label and behavioral consequence to evoke preschoolers' knowledge of its causes. *Cognitive Development*, 19, 111-125.
- Williams, L.M., Liddell, B., Rathjen, J., Shevrin, H., Gray, J.A. et al. (2004). Mapping the time course of nonconscious and conscious perception of fear: An integration of central and peripheral measures. *Human Brain Mapping*, 21, 64-74.
- Young, A.W., Hellawell, D.J., Van de Wal, C., & Johnson, M. (1996). Facial expression processing after amygdectomy. *Neuropsychologia*, 34, 31-39.
- Zald, D.H. (2003). The human amygdala and the emotional evaluation of sensory stimuli. *Brain Research, Brain Research Review*, 41, 83-123.