

CURRICULUM VITAE

ANNAMARIA BERTI

BRIEF PROFILE. Anna Berti graduated in Medicine (110/110 cum laude, University of Milan, 1983), specialised in Neurology (University of Milan, 1987, with a thesis on epilepsy, conducted in the Dept. of Neurology, Radcliffe Infirmary, Oxford, UK) and obtained a PhD in Neuroscience (University of Parma, 1993). She is now full professor at the Dept. of Psychology of the University of Turin. She has been working for almost two decades on the issue of the neurocognitive mechanisms underpinning the subjective experience of being aware with a particular focus on space and body awareness. She has always worked in the domain of Cognitive Neuropsychology, in relation to neuropsychological deficits and their neurophysiological and structural counterpart. Her list of publications on the topic of neurocognitive impairment includes papers published in top international neuroscientific journals (amongst others, *Science*, *Brain*, *Neuroimage*, *Neurology*, *Journal of Cognitive Neuroscience*, *Cortex*, *Current Biology*, *Nature Communication*) and the results of her research have been object of international media attention (see the interview on the *New York Times* on 2nd of August 2005) and of top scientific journals (see the *Lancet Neurology* article, dedicated to her research, on the Volume 4 issue 9).

FIVE OF THE MOST CITED ARTICLES

1. Berti, A., Bottini, G., Gandola, M., Pia, L., Smania, N., Stracciari, A., Castiglioni, I., Vallar, G., Paulesu, E. (2005) Shared Cortical Anatomy for Motor Awareness and Motor Control. *Science*, 309, 488-491. **285 CITATIONS**
2. Pia, L., Neppi-Mòdona M., Ricci, R. & Berti, A. (2004). The anatomy of anosognosia for hemiplegia: a metanalysis. *Cortex*, 40, 367-377. **174 CITATIONS**
3. Berti, A., and Frassinetti, F. (2000) When far becomes near: re-mapping of space by tool use, *Journal of Cognitive Neuroscience*, 12, 415-420. **546 CITATIONS**
4. Berti, A., Làdavas, E., and Della Corte, M. (1996) Anosognosia for hemiplegia, neglect dyslexia and drawing neglect: clinical findings and theoretical consideration. *Journal of International Neuropsychological Society*, 2, 426 440. **135 CITATIONS**
5. Berti, A., and Rizzolatti, G. (1992) Visual processing without awareness: evidence from unilateral neglect. *Journal of Cognitive Neuroscience*, 4, 345 351. **221 CITATIONS**

METRIC IN SCOPUS: 81 Documents, 4283 citations, H-index=31

ENTRIES ON INTERNATIONAL ENCICLOPEDIAS

1. Berti, A. and Neppi Modona, M. Agnosia (Including prosopagnosia and anosognosia) In Vilanayur Ramachandran (ed.) *Encyclopedia of Human Behavior*, 2nd Edition Elsevier 2012
2. Berti, A. Anosognosia. In: *Oxford Companion to Consciousness*, Oxford University Press, 2009.

MOST RECENT CHAPTERS IN INTERNATIONAL BOOKS

1. Garbarini F, Pia L, Fossataro C, Berti A. (2017) From pathological embodiment to a model for body awareness. In *The subject's matter*, de Vignemont F, Alsmith AJT (Eds), The MIT Press (USA and UK)
2. Berti A, Garbarini F, Pia L. (2015). Non-awareness of action deficits. In *Agency: Functions and Mechanisms* Haggard P & Eitam B (Eds), Oxford University Press, New York (U.S.A.)

3. Berti A., Garbarini F., Neppi-Modona, M (2014) Disorders of higher cortical function. In Zigmond (Ed) Neurobiology of Brain Disorders, chapter 32, pp. 526-540, Elsevier, Oxford.

DATE AND PLACE OF BIRTH

27th June, 1957, Milan, Italy, married, one child

EDUCATION

- 1976 High school degree from Classical Liceum G. Carducci (Milan)
- 1983 Degree in Medicine and Surgery (110/110 cum laude). University of Milan
- 1987 Degree in Neurology, University of Milan.
- 1993 Ph.D. in Neuroscience, University of Parma
- January-July 1987, dr. Berti worked as Senior House Officer in the Department of Neurology, The Radcliffe Infirmary, Oxford, U.K, as part of her training in Neurology.

ACADEMIC POSITIONS

- 1995-1998 Researcher. Department of General Psychology, University of Padua
- 1998-2001 Associate professor of “Neuropsychology” and “Anatomical and Physiological basis of psychical activity”. Faculty of Psychology, Department of Psychology, University of Turin
- From 2001. Full professor of Psychobiology and Physiological Psychology, Faculty of Psychology, Department of Psychology, University of Turin.
- 2015-2020. Head of the Master Degree: Body and Mind Science, Department of Psychology, University of Turin.

INTERNATIONAL AND NATIONAL COLLABORATION

Dr. Berti worked in Oxford at different moments between 1987-1990 and 1996-98, acting both as a neurologist (The Radcliffe Infirmary) and as a researcher (Dept. of Experimental Psychology). When in Oxford she collaborated with dr. John and Susan Oxbury, prof. Alan Allport, prof. John Marshall, conducting research on neglect, extinction, anosognosia and Wada procedure. More recently she collaborated with Prof. Jon Driver, ICN, UCL on a project on anosognosia for hemiplegia. Other national collaboration are with prof. Gino Pizzamiglio, Dept. of Psychology (Sapienza University) and Clinica S. Lucia, Roma; prof. Maurizio Ferrarin and prof. Marco Rabuffetti, Dept. of Biomedical Technology, Don Carlo Gnocchi IRCSS, Milano; Prof. Bottini (Dept. of Psychology, University of Pavia); Prof. E. Paulesu, Dept. of Psychology, (University Milano Bicocca); Prof. Francesca Frassinetti, Dept. of Psychology, (University of Bologna). Before COVID pandemia, a collaboration was started with prof. Edward de Haan (University of Amsterdam), on split-brain patients.

AB has been also invited to give lectures and talks in many international symposia. She also acted as referee for several national and international grants, scholarship and foundations (for instance: French ANR, National Grant Switzerland, King's College London, ERC).

RESEARCH GRANT AND SCHOLARSHIP

- 1985 European Science Foundation ETP travel Grant. Winter School on "Higher Mental Functions", Zuoz, Switzerland; 4-11 January 1986.
- 1988 European Science Foundation short-term fellowship. MRC Neuropsychology Unit, Oxford (prof. J Marshall; April-June)
- 1988 European Science Foundation ETP travel Grant. EBBS Meeting, Zurich
- 1989 McDonnell-Pew Foundation Grant. Summer School in Cognitive Neuroscience, Dartmouth College and Medical School of Dartmouth (USA)
- 1989 European Science Foundation ETP travel Grant. Meeting on "Cortical Control of Sensory Motor Integration, Lyon, France; 12-14 April)
- 1990 CNR Scholarship. Department of Experimental Psychology, Oxford University (dr. Allport; January-August)
- 1990-91 Santa Lucia Hospital research grant, Rome.
- 1996-1998 European Science Foundation Travel Grant. Oxford University (dr. J Oxbury and dr. S. Oxbury)
- 2001 Cofin MURST grant for the research "Factors involved in conscious representation of egocentric space"
- 2003 Cofin MIUR grant 2003 for the research "Ocular movement and prism adaptation in neglect patients: effect of far and near space representational deficit"
- 2005-2007 PRIN MIUR for the research "Modulation of far and near space representation in walking: effect of prismatic adaptation in neglect patients."
- Grant CIPE regione Piemonte (€ 60.000) for a research project on far and near space representation in collaboration with prof. Jon Driver, ICN, UCL, London.
- Prin 2008-2010. Grant for the research 'Form brain damaged patients to a model for intentionality and motor control: evidence from anosognosia for hemiplegia (€ 23000).
- 2008. Grant from Compagnia di S. Paolo (40.000 €) for the project 'Awareness of near and far space: studies with electrophysiological techniques'.
- 2008. Grant from Compagnia di San Paolo (45000 €) and from CRT Foundation (20.000) for the multimedia exhibition. 'Secrets of the brain, frontiers of the mind' presented at ESOF 2008 Barcellona, July; La ville Européenne de Science, Grand Palais, Paris, November, 2008; Brain week, Politecnico Torino, March 2009.

- PRIN 2010-11. Neural bases of body awareness: evidence in normal subject and brain damaged patients. (€ 109.448).
- 2012. Grant from Compagnia di San Paolo, 92910 for the call ‘Finanziamento di progetti d’ateneo 2012’, project: ‘The conscious brain’.

AFFILIATIONS

Italian Neuropsychological society (SINP)

International Neuropsychological Symposium (INS)

Federation of European Neuropsychology Society (ENS)

AD-HOC REFEREE

Behavioral Neuroscience

Brain

Experimental Brain Research

Cognitive Neuropsychology

Consciousness and Cognition

Cortex

Frontiers in Neural Circuits

Frontieres in Psychology

Journal of Experimental. Psychology

Journal of Cognitive Neuroscience

Journal of Neurology, Neurosurgery and Psychiatry

Neurology

Neuropsychologia

Plos One

Science

Scientific Reports

Stroke

SCIENTIFIC ARTICLES

1. Candini M, Fossataro C, Pia L, Vezzadini G, Gindri P, Galigani M, Berti A, Frassinetti F, Garbarini F. (2022) Bodily self-recognition in patients with pathological embodiment. *J Neurosci Res.* doi: 10.1002/jnr.25109.

2. Dell'Anna A, Leman M, Berti A. Musical Interaction Reveals Music as Embodied Language. *Front Neurosci.* 2021 Jul 14;15:667838. doi: 10.3389/fnins.2021.667838. eCollection 2021. PMID: 34335155.
3. Ricci R, Caldano M, Sabatelli I, Cirillo E, Gammeri R, Cesim E, Salatino A, Berti A. (2021) When Right Goes Left: Phantom Touch Induced by Mirror Box Procedure in Healthy Individuals. *Front Hum Neurosci.* 15:734235. doi: 10.3389/fnhum.2021.734235.
4. Berti, A. (2021) From embodying tool to embodying alien limb: sensory-motor modulation of personal and extrapersonal space. *Cognitive Processing*, 22, 121–126.
5. Salatino A, Iacono C, Gammeri R, Chiadò ST, Lambert J, Sulcova D, Mouraux A, George MS, Roberts DR, Berti A, Ricci R. (2021) Zero gravity induced by parabolic flight enhances automatic capture and weakens voluntary maintenance of visuospatial attention. *NPJ Microgravity.* 27;7(1):29. doi: 10.1038/s41526-021-00159-3.
6. Dell'Anna A, Rosso M, Bruno V, Garbarini F, Leman M, Berti A. (2020) Does musical interaction in a jazz duet modulate peripersonal space? *Psychol Res.*, 85(5):2107-2118. doi: 10.1007/s00426-020-01365-6.
7. Garbarini G., Fossataro C., Pia L., Berti A. (2020) What pathological embodiment/disembodiment tell us about body representations. *Neuropsychologia*, 29;149:107666. doi: 10.1016/j.neuropsychologia.2020.107666.
8. Pia L, Fossataro C, Burin D, Bruno V, Spinazzola L, Gindri P, Fotopoulou K, Berti A, Garbarini F. (2020) The anatomo-clinical picture of the pathological embodiment over someone else's body part after stroke. *Cortex*, 130, 203-219. doi: 10.1016/j.cortex.2020.05.002. Epub 2020 May 19.
9. Forna L, Puglisi G, Leonetti A, Bello L, Berti A, Cerri G, Garbarini F. (2020) Direct electrical stimulation of the premotor cortex shuts down awareness of voluntary actions. *Nat Commun.* 4;11(1):705. doi: 10.1038/s41467-020-14517-4.
10. Ricci R, Salatino A, Caldano M, Perozzo P, Cerrato P, Pyasik M, Pia L, Berti A. (2019) Phantom touch: How to unmask sensory unawareness after stroke. *Cortex*, 121:253-263. doi: 10.1016/j.cortex.2019.08.021.
11. Salatino A, Chillemi G, Gontero F, Poncini M, Pyasik M, Berti A, Ricci R. (2019) Transcranial Magnetic Stimulation of Posterior Parietal Cortex Modulates Line-Length Estimation but Not Illusory Depth Perception. *Front Psychol*, 22;10:1169. doi: 10.3389/fpsyg.2019.01169. eCollection 2019.
12. Pyasik M, Salatino A, Burin D, Berti A, Ricci R, Pia L. (2019) Shared neurocognitive mechanisms of attenuating self-touch and illusory self-touch. *Soc Cogn Affect Neurosci.* 2019 Feb 13;14(2):119-127. doi: 10.1093/scan/nsz002.
13. Garbarini F, Cecchetti L, Bruno V, Mastropasqua A, Fossataro C, Massazza G, Sacco K, Valentini MC, Ricciardi E, Berti A. (2019) To Move or Not to Move? Functional Role of Ventral Premotor

- Cortex in Motor Monitoring During Limb Immobilization. *Cereb Cortex*, 29:273-282. doi: 10.1093/cercor/bhy134.
14. Dell'Anna A, Fossataro C, Burin D, Bruno V, Salatino A, Garbarini F, Pia L, Ricci R, Leman M, Berti A. (2018). Entrainment beyond embodiment. *Neuropsychologia*, 119:233-240. doi: 10.1016/j.neuropsychologia.2018.08.017.
 15. Piedimonte A, Conson M, Frolli A, Bari S, Della Gatta F, Rabuffetti M, Keller R, Berti A, Garbarini F. (2018) Dissociation between executed and imagined bimanual movements in autism spectrum conditions. *Autism Res.* 11, 376-384.
 16. Fossataro C, Bruno V, Gindri P, Pia L, Berti A, Garbarini F. (2018) Feeling touch on the own hand restores the capacity to visually discriminate it from someone else' hand: Pathological embodiment receding in brain-damage patients. *Cortex*, 2017 Jun 23. pii: S0010-9452(17)30193-4. doi: 10.1016/j.cortex.2017.06.004.
 17. Burin D, Garbarini F, Bruno V, Fossataro C, Destefanis C, Berti A, Pia L. (2017) Movements and body ownership: Evidence from the rubber hand illusion after mechanical limb immobilization. *Neuropsychologia*, 107:41-47. doi: 10.1016/j.neuropsychologia.2017.11.004. Epub 2017 Nov 3.
 18. Bruno V, Fossataro C, Bolognini N, Zigiotta L, Vallar G, Berti A, Garbarini F. (2017) The role of premotor and parietal cortex during monitoring of involuntary movement: A combined TMS and tDCS study. *Cortex*, 96:83-94. doi: 10.1016/j.cortex.2017.09.001.
 19. Della Gatta F, Garbarini F, Puglisi G, Leonetti A, Berti A, Borroni P. Decreased motor cortex excitability mirrors own hand disembodiment during the rubber hand illusion. (2016) *Elife*, Oct 20;5. pii: e14972. doi: 10.7554/eLife.14972.
 20. Piedimonte A, Garbarini F, Pia L, Mezzanato T, Berti A. (2016) From intention to perception: The case of anosognosia for hemiplegia. *Neuropsychologia*. 2016, 87:43-53. doi: 10.1016/j.neuropsychologia.2016.03.007.
 21. Pia L, Garbarini F, Fossataro C, Burin D, Berti A. (2016) Sensing the body, representing the body: Evidence from a neurologically based delusion of body ownership. *Cogn Neuropsychol.*, 33(1-2):112-9.
 22. Ricci R, Salatino A, Garbarini F, Ronga I, Genero R, Berti A, Neppi-Mòdona M. (2016) Effects of attentional and cognitive variables on unilateral spatial neglect. *Neuropsychologia*. 92:158-166. doi: 10.1016/j.neuropsychologia.2016.05.004. doi: 10.1016/j.neuropsychologia.2016.05.004. [Epub ahead of print]
 23. Garbarini F, Turella L, Rabuffetti M, Cantagallo A, Piedimonte A, Fainardi E, Berti A, Fadiga L. (2015) Bimanual non-congruent actions in motor neglect syndrome: a combined behavioral/fMRI study. *Front Hum Neurosci*. Oct 6;9:541. doi: 10.3389/fnhum.2015.00541. eCollection 2015.

24. Garbarini F, Fossataro C, Berti A, Gindri P, Romano D, Pia L, Della Gatta F, Maravita A, Neppi-Mòdona M (2015). When Your Arm Becomes Mine: Pathological Embodiment Of Alien Limbs Using Tools Modulates Own Body Representation. *Neuropsychologia*, 70, 402-413.
25. Pia L, Garbarini F, Burin D, Fossataro C, Berti A. (2015) A predictive nature for tactile awareness? Insights from damaged and intact central-nervous-system functioning. *Front Hum Neurosci.*, 19, 9:287.
26. Garbarini F, Rabuffetti M, Piedimonte A, Solito G, Berti A. (2015) Bimanual coupling effects during arm immobilization and passive movements.. *Hum Mov Sci.*, 41, 114-26.
27. Piedimonte A, Garbarini F, Rabuffetti M, Pia L, Montesano A, Ferrarin M, Berti A. (2015) Invisible grasps: Grip interference in anosognosia for hemiplegia. *Neuropsychology*, 29, 776-81.
28. Folegatti A, Pia L, Berti A, Cubelli R. (2015) Stress Assignment Errors in Surface Dyslexia: Evidence from Two Italian Patients with a Selective Deficit of the Orthographic Input Lexicon. *Behav Neurol*. doi: 10.1155/2015/769013. Epub 2015.
29. Giglia G, Pia L, Folegatti A, Puma A, Fierro B, Cosentino G, Berti A, Brighina F. Far Space Remapping by Tool Use: A rTMS Study Over the Right Posterior Parietal Cortex. (2015) *Brain Stimul*, 8, 795-800.
30. Pia L, Spinazzola L, Garbarini F, Bellan G, Piedimonte A, Fossataro C, Livelli A, Burin D, Berti A. (2014) Anosognosia for hemianaesthesia: a voxel-based lesion-symptom mapping study. *Cortex*, 61, 158-66.
31. Garbarini F, D'Agata F, Piedimonte A, Sacco K, Rabuffetti M, Tam F, Cauda F, Pia L, Geminiani G, Duca S, Graham SJ, Berti A (2014). Drawing lines while imagining circles: Neural basis of the bimanual coupling effect during motor execution and motor imagery. *Neuroimage*, 88, 100-112.
32. Salatino A, Momo E, Nobili M, Berti A, Ricci R. (2014) Awareness of symptoms amelioration following low-frequency repetitive transcranial magnetic stimulation in a patient with Tourette syndrome and comorbid obsessive-compulsive disorder. *Brain Stimul.*, 7, 341-3.
33. Dal Monte O, Schintu S, Pardini M, Berti A, Wassermann EM, Grafman J, Krueger F. (2014) The left inferior frontal gyrus is crucial for reading the mind in the eyes: brain lesion evidence. *Cortex*, 58, 9-17.
34. Garbarini F, Fornia L, Fossataro C, Pia L, Gindri P, Berti A. (2014) Embodiment of others' hands elicits arousal responses similar to one's own hands. *Current Biology*, 24, 738-9. doi: 10.1016/j.cub.2014.07.023.
35. Piedimonte A, Garbarini F, Rabuffetti M, Pia L, Berti A (2014). Executed and Imagined Bimanual Movements: A Study Across Different Ages. *Developmental Psychology*, 50, 1073-1080.
36. Berti, A. (2013) This limb is mine but I do not want it: from anatomy to body ownership. *Brain*, 136, 11-13.

37. Spinazzola L, Bellan G, Pia L, Berti A (2014) Unawareness of Motor and Somatosensory deficits after stroke (UMAS): Validity and Reliability of UMAS Questionnaire. *Applied Psychology Bulletin*, 62, 37-58.
38. Garbarini F, Piedimonte A, Dotta E, Pia L, Berti A (2013). Dissociations and similarities in motor intention and motor awareness: the case of anosognosia for hemiplegia and motor neglect. *Journal of Neurology, Neurosurgery and Psychiatry*, 84, 416-419.
39. Marco Rabuffetti, Alessia Folegatti, Lucia Spinazzola, Raffaella Ricci, Maurizio Ferrarin, Anna Berti, Marco Neppi-Modona (2013). *Long-lasting amelioration of walking trajectory in neglect after prismatic adaptation*. *Frontieres in Human Neurosciences* vol. 7, 1-13, ISSN: 1662-5161, doi: 10.3389/fnhum.2013.00382
40. Pia L, Garbarini F, Fossataro C, Forna L, Berti A (2013). Pain and body awareness: evidence from brain-damaged patients with delusional body ownership. *Frontiers in Human Neuroscience*, vol. 7, p. 1-9, ISSN: 1662-5161, doi: 10.3389/fnhum.2013.00298
41. Pia L, Spinazzola L, Rabuffetti M, Ferrarin M, Garbarini F, Piedimonte A, Driver J, Berti A (2013). Temporal coupling due to illusory movements in bimanual actions: evidence from anosognosia for hemiplegia. *Cortex*, 49, 1694-1703.
42. Garbarini F, Pia L, Piedimonte A, Rabuffetti M, Gindri P, Berti A (2013). The embodiment of an alien hand implies sensory-motor consequences on action execution. *Current Biology*, 23, 57-58.
43. Garbarini F, Rabuffetti M, Piedimonte A, Pia L, Ferrarin M, Frassinetti F, Gindri P, Cantagallo A, Driver J, Berti A (2012). 'Moving' a paralysed hand: bimanual coupling effect in patients with anosognosia for hemiplegia. *Brain*, 135, 1486-1497.
44. Spinazzola, L., Pia L., Folegatti, A., Marchetti, C., and Berti, A. (2008). Modular structure of awareness for sensorimotor disorders: Evidence from anosognosia for hemiplegia and anosognosia for hemianaesthesia. *Neuropsychologia*, 46, 915-926.
45. Berti, A., Cappa, S.F., Folegatti, A. (2007). Spatial representations, distortions and alterations in the graphic and artistic production of brain-damaged patients and of famous artists. *Functional Neurology*, 22, 243-256.
46. Neppi-Modona, M., Rabuffetti, M., Folegatti, A., Ricci, R., Spinazzola, L., Schiavone, F., Ferrin, M., and Berti, A. (2007). Bisecting lines with different tools in right brain damaged patients: the role of action programming and sensory feedback in modulating spatial remapping. *Cortex*, 43, 397-410.
47. Berti, A., and Pia, L. (2006). Understanding Motor Awareness through Normal and Pathological Behavior. *Current Directions in Psychological Science*, 60, 531-537.
48. Berti, A., Bottini, G., Gandola, M., Pia, L., Smania, N., Stracciari, A., Castiglioni, I., Vallar, G., Paulesu, E. (2005) Shared Cortical Anatomy for Motor Awareness and Motor Control. *Science*, 309, 488-491.

49. Berti, A. (2004) Cognition in dyschiria: Edoardo Bisiach's theory of spatial disorders and consciousness. *Cortex*, 40, 275-280
50. Pia, L., Neppi-Mòdona M., Ricci, R. & Berti, A. (2004). The anatomy of anosognosia for hemiplegia: a metanalysis. *Cortex*, 40, 367-377
51. Pia, L., Neppi-Mòdona, M., Procopio, L., Ricci, R., Gindri, P., and Berti, A. (2004) Modulation of space-based and object-based neglect by perceptual parsing. *Cortex*, 40, 189-190
52. Berti, A., Smania, N., Rabuffetti, M. Ferrarin, M., Spinazzola, L., D'Amico, A., Ongaro, E., and Allport, A. (2002) Coding of far and near space during walking in neglect patients. *Neuropsychology*, 16, 390-399.
53. Berti, A., Smania, N., and Allport, A. (2001) Coding of far and near space in neglect patients. *Neuroimage*, 14, S98-S102.
54. Berti, A., and Frassinetti, F. (2000) When far becomes near: re-mapping of space by tool use, *Journal of Cognitive Neuroscience*, 12, 415-420.
55. Berti, A., Oxbury, S., Oxbury, J., Affanni, P., Umilta', C., and Orlandi, L. (1999) Somatosensory extinction for meaningful objects in a patient with right hemisphere stroke, *Neuropsychologia*, 37, 333-343.
56. Berti, A., Làdavas, E., Stracciari, A., Giannarelli, C., and Ossola, A. (1998) Anosognosia for motor impairment and dissociations within patient's evaluation of the disorder: Some theoretical considerations. *Cognitive Neuropsychiatry*, 3, 2144.
57. Làdavas, E., Berti, A., Ruoizzi, E., Barboni, F. (1997) Neglect as a deficit determined by an imbalance between multiple spatial representations. *Experimental Brain Research*, 116, 493500.
58. Berti, A., Làdavas, E., and Della Corte, M. (1996) Anosognosia for hemiplegia, neglect dyslexia and drawing neglect: clinical findings and theoretical consideration. *Journal of International Neuropsychological Society*, 2, 426440.
59. Berti A., Maravita, A., Frassinetti, F., and Umilta', C.A. (1995) Unilateral neglect can be affected by stimuli in the neglected field. *Cortex*, 31, 331343.
60. Carpenter, K., Berti, A., Oxbury, S., Molineux, A.J., Bisiach, E., and Oxbury, J. (1995) Awareness of and memory for arm weakness during intracarorid sodium amytal testing. *Brain*, 118, 243251.
61. Geminiani, G., Bisiach, E., Berti, A., and Rusconi, M.L. (1995) Analogical representation and language structure. *Neuropsychologia*, 33, 15651574.
62. Berti, A., Frassinetti, F., and Umilta' (1994). Nonconscious reading? Evidence from neglect dyslexia, *Cortex*, 30, 181197.
63. Berti, A., and Rizzolatti, G. (1994) Is neglect a theoretically coherent unit? *Neuropsychological Rehabilitation*, 4, 111114.

64. Berti, A., and Rizzolatti, G. (1992) Visual processing without awareness: evidence from unilateral neglect. *Journal of Cognitive Neuroscience*, 4, 345351.
65. Berti, A., Allport, A., Driver, J., Dienes, Z., Oxbury, J., and Oxbury, S. (1992) Levels of processing for visual stimuli in an extinguished" field. *Neuropsychologia*, 30, 403415.
66. Berti, A. Implicit processing in unilateral neglect (1992) *Neuroscience Letters*, S. 43, 11.
67. Vallar, G., Rusconi, M.L., Geminiani, G., Berti,A., and Cappa, S. (1991) Visual and nonvisual neglect after unilateral brain lesions: modulation by visual input. *International Journal of Neuroscience*, 61, 229239.
68. Rizzolatti, G., and Berti, A. (1990) Neglect as a neural representation deficit *Revue Neurologique*, 10, 626-634.
69. Berti, A., Arienta, C., and Papagno, C. (1990) A case of amnesia after excision of the septum pellucidum. *Journal of Neurology, Neurosurgery and Psychiatry*, 53, 922924.
70. Bisiach, E., Geminiani, G., Berti, A., and Rusconi, M.L. (1990) Perceptual and premotor factors in unilateral neglect. *Neurology*, 40, 12781281.
71. Perani, D., Di Piero, V., Vallar, G., Cappa, S., Messa, C., Bottini, G., Berti, A., et al. (1988) Technetium99m HMPAOSPECT study of regional cerebral perfusion in early Alzheimer's Disease. *Journal of Nuclear Medicine*, 29, 15071514.
72. Bisiach, E., Vallar, G., Perani, D., Papagno, C., and Berti, A. (1986) Unawareness of disease following lesion of right hemisphere: anosognosia for hemiplegia and anosognosia for hemianopia. *Neuropsychologia*, 24, 471482.
73. Bisiach, E., Perani, D., Vallar, G., and Berti, A. (1986) Unilateral neglect: personal and extrapersonal. *Neuropsychologia*, 24, 759767.
74. Berti, A., Papagno, C., and Vallar, G. (1986) Balint Syndrome: a case of simultanagnosia. *Italian Journal of Neurological Sciences*, 7, 261264.
75. Bisiach, E., and Berti, A. (1985) Representational impairment as a factor in neglect, *Neurology*, Proceedings of the XIII World Congress of Neurology, Hambourg, September.

ENTRIES ON ENCICLOPEDIAS

1. Berti, A. and Neppi Modona, M. **Agnosia (Including prosopoagnisa and anosognosia)** In Vilanayur Ramachandran (ed.) *Encyclopedia of Human Behavior*, 2nd Edition Elsevier 2012
2. Berti, A. **Anosognosia**. In: *Oxford Companion to Consciousness*, Oxford University Press, 2009.
3. Berti, A. **Lesione**. In F. Barale, M. Bertani, V. Gallese, S. Mistura, A Zamperini (a cura di) *PSICHE: Dizionario storico di psicologia, psichiatria, psicoanalisi, neuroscienze. Volume II*, Einaudi, Torino, 2007.

4. Berti, A. **Coscienza**. In F. Barale, M. Bertani, V. Gallese, S. Mistura, A. Zamperini (a cura di) *PSICHE: Dizionario storico di psicologia, psichiatria, psicoanalisi, neuroscienze. Volume I*, Einaudi, Torino, 2006.

CHAPTERS

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