

Curriculum vitae

PERSONAL INFORMATION

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EDUCATION

1991 PhD in Neurological Sciences, University of Milano *Statale*.
1986 Specialization in Neurology, University of Milan, Milan, Italy.
1982 MD degree, University of Milan, Milan, Italy. (110 cum laude).
1975 High School Graduation, Liceo Classico C. Beccaria, Milan, Italy.

CURRENT POSITION

2019- present Delegate with responsibility for the University's Third Mission activities, University of Pavia, Pavia, Italy.
2016- present Coordinator of the PhD program in “Psychology, Neuroscience and Data Science”, University of Pavia, Pavia, Italy.
2012-present Full Professor, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.
2001-present Director of the Centro di Neuropsicologia Cognitiva, ASST Grande Ospedale Metropolitano Niguarda, Milan, Italy.

PREVIOUS POSITIONS

2000-2011 Associate Professor, University of Pavia, Pavia, Italy.
1994-2000 Senior registrar Neurologist, Unità Operativa di Neurologia, Ospedale Niguarda, Milan, Italy.
1992-1994 Research Fellow, MRC Cyclotron Unit, Hammersmith Hospital, London, U.K.
1990-1992 Senior registrar Neurologist, Unità Operativa di Neurologia, Ospedale Niguarda, Milan, Italy.
1986-1988 Resident MD, Neurology Department, University of Milan, Italy.
1979-1981 Student Internship, Neurology Department, University of Milan, Italy.

RESEARCH FELLOWSHIPS

1992-1994 Research Fellow, MRC Cyclotron Unit, Hammersmith Hospital, London, U.K.
1989-1990 Research fellowship Neurology Division, Niguarda Hospital, Milan, Italy.
1985-1986 Research fellowship Neurology Institute – University of Milan, Milan, Italy.
1984-1985 Research fellowship Neurology Institute – University of Milan, Milan, Italy.
1981-1982 Research fellowship Clinique Psychiatrique "Bel Air" - Université de Genève, Suisse.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

I trained 25/year bachelor and master students, 11 PhD students, and 5 post-doc researchers.

TEACHING ACTIVITIES

Since 2000 I have regularly taught Cognitive Neuropsychology, Forensic Neuropsychology and Cognitive Rehabilitation to undergraduate, master's degree and PhD students at my university.

ORGANISATION OF SCIENTIFIC MEETINGS

2021	Coordinator of the Intensive School in Scientific Communication, University of Pavia, Italy.
2012-present	Coordinator of Law and Neuroscience Winter/Summer School, Pavia, Italy.
2014	Organizer of the annual meeting of AIP, Pavia, Italy.
2014	Organizer of International Neuropsychological Symposium annual meeting, Lido di Camaiore (LU), Italy.
2011	Organizer of European Workshop on Cognitive Neuropsychology, Brixen (BZ), Italy.

REVIEWING ACTIVITIES

2010-present	Associate Editor for Neuroscience Letters.
1994-present	Reviewer for Brain, Cerebral Cortex, Experimental Brain Research, Journal of Neurological Sciences, Journal of Neurology, Neurosurgery and Psychiatry, Journal of Neurophysiology, Neuroimage, Neuron, Neuroreport.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2014-present	Member of Milan Center for Neuroscience (NeuroMi), Milan, Italy.
2013-present	Member of "European Center for Law, Science, and New Technologies", University of Pavia, Pavia, Italy.
2006-present	Member of the International Neuropsychological Symposium.
1995-present	Member of the Lega Italiana Contro l'Epilessia (LICE), Italy.
1994-present	Member of the British Neuropsychology Society (BNS), UK.
1990-present	Member of the Società Italiana di Neuropsicologia (SINP), Italy.
2015-present	Member of the Società Italiana di Neurologia (SIN), Italy.
2015-present	Member of the International Society of Neuropsychology (INS).
2015-present	Member of the Associazione Italiana Psicologia (AIP), Italy.
2015-present	Member of the Società Italiana di Neurologia Demenze (SINdem), Italy.
2014-present	Proboviro of the Associazione Italiana Malattia di Alzheimer (AIMA), Italy.
2015-present	Member of the Osservatorio Alzheimer Comune di Milano, Italy.

BIBLIOMETRIC INDICES

Documents: **175**; Citations: **4764**; H-index: **36** (*from Scopus 09/12/2021*)

GRANTS

2016-2019	European Union - Horizon 2020 (Task Leader- Local coordinator UNIPV; 242.250 Euros): "Modelling the PRocesses leading to Organised crime and TerrOrist Networks — PROTON"
2011-2014	Italian Ministry of Research and Education Grants - Miur PRIN (Unit coordiantor): Neural basis of bodily-awareness.
2009-2012	Italian Ministry of Health Grants – Ricerca Finalizzata (co-Investigator): "MAPS: Studio multicentrico per la standardizzazione di un nuovo strumento informatico per la valutazione delle funzioni cognitive e comportamentali nell'ictus acuto"(RF-2009-1549303).
2007-2010	Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator): Functional anatomical explorations of motor awareness in patients with anosognosia for hemiplegia and hemiplegic patients aware of their motor deficit.
2007-2010	Italian Ministry of Health Grants – Ricerca Finalizzata (co-Investigator): "TUTOR: sistema integrato per il supporto della rete ospedale-territorio nella gestione multidisciplinare del paziente mieloleso".
2003-2006	Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator PI): Neural mechanisms underlying the modulation of spatial

representation induced by vestibular stimulation: fMRI studies in normal subjects and patients with spatial neglect.

2001-2004

Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator): Anatomical and functional anatomical bases of aware tactile perception and of the hemispheric asymmetry of body schema representation.

MAJOR COLLABORATIONS

Prof. Patrick Haggard, Institute of Cognitive Neuroscience & Dept. Psychology, University College London, London, UK.

Prof. Peter Brugger, Division of Neurology, University of Zurich, Zürich, Switzerland.

Prof. Luigi Pizzamiglio, Psychology Department, La Sapienza University, Rome, Italy.

Prof. Annamaria Berti, Psychology Department, University of Turin, Turin, Italy.

Prof. Eraldo Paulesu, Psychology Department, University of Milano Bicocca, Milan, Italy.

Prof. Elio Clemente Agostoni, Director of Neurology Division and Stroke Unit, Niguarda Hospital, Milan, Italy.

Prof. Angelo Maravita, Psychology Department, University of Milano Bicocca, Milan, Italy.

Dr. Ines Giorgi, Responsible of the Psychology Unit, I.R.C.C.S. Salvatore Maugeri, Pavia, Italy.

TEN-YEAR TRACK RECORD

I have always focused my research on the topic of neuropsychological disorders associated with brain lesions and neurodegenerative diseases, mainly involving body representations (BRs) and sensory-motor integration. I also developed studies on normal subjects to construct cognitive models concerning the mental body representation. In the Cognitive Neuropsychology Centre at Niguarda Hospital that I lead, I study patients with different neurological and psychiatric diseases. This has allowed me to explore the dynamic aspects of BRs with diverse physiological manipulations, namely caloric vestibular stimulation showing temporary remission of the body representation impairments from the most elementary deficits (tactile imperception) up to more complex manifestations such as somatoparaphrenia and motor anosognosia or deficits of mental imagery.

At the beginning of my career as a scientist, I was particularly attracted by the possibility of modulating spatial and tactile deficits with specific physiological techniques such as the caloric vestibular stimulation (CVS). In the 90s, when I was a research fellow at the MRC Cyclotron Unit in London, I used positron emission tomography to map central vestibular projections and identify the role of these regions in modulating touch imperception, making a step forward in the comprehension of the brain mechanisms underlying phenomenological consciousness (study published in *Nature*, citations; 123). My interest in this topic has led me to publish several papers on the impact of such manipulation both in healthy subjects and patients with brain injuries. In recent years, I have dedicated myself to the study of the physiological effects of such manipulations in patients with stroke, discovering the relationship between vestibular signals and body representations.

In the last few years, I investigated motor representation and motor awareness in patients with different diseases such as stroke, spinal cord injury, and amyotrophic lateral sclerosis. In particular, in an influential paper published in *Science* (citation: 263), I defined the anatomical bases of anosognosia for hemiplegia, and I demonstrated, for the first time, that action awareness is implemented in the same network that is responsible for the primary function that has to be monitored. Furthermore, I explored motor anosognosia due to right brain damage, with fMRI, with an experimental design based on motor tasks also involving mental imagery. I demonstrated in these patients that the delusion of having moved is preceded by brain activation of the cortical areas implicated in motor control in the left hemisphere and the right motor areas spared by the lesion.

Recently, I studied the lesional pattern of somatoparaphrenia, suggesting a model of body (dis)ownership that implicates, besides a vast contribution of the somatosensory-motor body matrix, subcortical inputs and connections with the amygdala. I also demonstrated that disorders of body ownership (somatoparaphrenia) could be partially dissociated from disorders of motor awareness for the same body segment (anosognosia), providing a lesional basis for this partial dissociation. One other interesting development of my studies has been the exploration of implicit aspects of sensory processing in somatoparaphrenia: we recorded skin conductance response showing that the loss of familiarity for body parts is associated with a reduced response of the vegetative system that is not alerted by threatening stimuli to the unrecognized limb. Finally, recently I have provided evidence that transcranial Direct-Current Stimulation (tDCS), commonly applied in clinics, can reverse complex disorders such as motor anosognosia.

More recently, I have expanded my interest in models of body representation and motor awareness in the lifespan, particularly in the behavioural and neurobiological plasticity in graceful and pathological ageing. In the

field of dementia, I shed light on the neural correlates of anosognosia for memory deficits and body awareness disorders in frontotemporal dementia. Paralleling this research activity, I founded a multidisciplinary team of clinical neuropsychologists specialized in diagnosing and treating patients with different forms of dementia (e.g., Mild Cognitive Impairments, Alzheimer's disease, Frontotemporal dementia). As a behavioural neurologist, I have the opportunity to follow a large number of patients with different kinds of mental deterioration, from the very early stage to the full development of the pathology.

I have also been active in the organization of national and international scientific meetings. Since 2014, I have been the Law and Neuroscience Winter/Summer School coordinator and organiser at the University of Pavia. In 2011, I was one of the two organizers of the International Neuropsychological Symposium (INS) annual meeting in Lido di Camaiore (LU), Italy. In 2014, I was a member of the organization committee of the annual meeting of the Italian Association of Psychology (AIP) in Pavia, Italy. Starting from 2018, I am on the scientific board of the Milan Center for Neuroscience – NeuroMI.

I also gave invited lectures at conferences and meetings or foreign institutions. Worth of notice, a lecture for the International Neuropsychological Symposium (2004), a lecture at the Ecole Normale Supérieure in Paris (2007), a lecture at the University of Genève (2017), and a TEDx talk on the interplay between Neuroscience and Art in Ferrara (2019).

I contributed to the career development of several young excellent researchers. Among these, some are now lecturers or professors in prestigious Italian and foreign universities like in the case of Alessio Toraldo (University of Pavia), Elisa Ferrè (Royal Holloway University of London), Martina Gandola (University of Pavia) and Anna Sedda (Heriot-Watt University). My staff also includes successful post-docs students like Gerardo Salvato and Valeria Peviani, with an excellent curriculum notwithstanding their young age.

In my scientific career, I have published 148 papers in peer-reviewed journals collecting 3984 citations (H_i:34, data from Scopus). These bibliometric scores certified the impact of my research activity in the International scientific community. In the last 10 years, I published about 80 papers in international peer-reviewed journals.

PUBLICATIONS

2021

- Salvato, G., Peviani, V., Scarpa, P., Francione, S., Castana, L., Gallace, A., ... & **Bottini, G.** (2021). Investigating visuo-spatial neglect and visual extinction during intracranial electrical stimulations: The role of the right inferior parietal cortex. *Neuropsychologia*, 162, 108049
- De Maio, G., **Bottini, G.**, & Ferré, E. R. (2021). Galvanic Vestibular Stimulation influences risk-taking behaviour. *Neuropsychologia*, 160, 107965.
- Gandola, M., Zapparoli, L., Saetta, G., Reverberi, C., Salvato, G., Squarza, S. A. C., ... & Paulesu, E. (2021). Brain Abnormalities in Individuals with a Desire for a Healthy Limb Amputation: Somatosensory, Motoric or Both? A Task-Based fMRI Verdict. *Brain sciences*, 11(9), 1248
- Basilico, S., Ciricugno, A., Gelosa, G., Magnani, F. G., Mosca, L., Popescu, C., ... & **Bottini, G.** (2021). Clinical Characterization of Atypical Primary Progressive Aphasia in a 3-Year Longitudinal Study: A Case Report. *Cognitive and Behavioral Neurology*, 34(3), 233-244.
- Salvato, G., Ovadia, D., Messina, A., & **Bottini, G.** (2021). Health emergencies and interoceptive sensibility modulate the perception of non-evidence-based drug use: Findings from the COVID-19 outbreak. *Plos one*, 16(8), e0256806.
- Pasotti, F., Serranò, S., Aiello, E. N., Gramegna, C., Querzola, M., Gallucci, M., ... & **Bottini, G.** (2021). Assessing mood and cognitive functioning in acute stroke: clinical usability of a Visual Analogue Mood Scale (VAMS). *Neurological Sciences*, 1-5.
- Paulesu, E., Bonandrini, R., Zapparoli, L., Rupani, C., Mapelli, C., Tassini, F., ... & Zorzi, M. (2021). Effects of Orthographic Consistency on Bilingual Reading: Human and Computer Simulation Data. *Brain sciences*, 11(7), 878.
- Pasotti, F., De Luca, G., Aiello, E. N., Gramegna, C., Di Gangi, M., Foderaro, G., ... & **Bottini, G.** (2021). A multi-component, adaptive Working Memory Assessment battery (WoMAB): validation and norms in an Italian population sample. *Neurological Sciences*, 1-8.
- Stracciari, A., **Bottini, G.**, Guarino, M., Magni, E., & Pantoni, L. (2021). Cognitive and behavioral manifestations in SARS-CoV-2 infection: not specific or distinctive features?. *Neurological Sciences*, 1-9.

- Crivelli, D., Polimeni, E., Crotti, D., **Bottini, G.**, & Salvato, G. (2021). Bilateral skin temperature drop and warm sensibility decrease following modulation of body part ownership through mirror-box illusion. *Cortex*, 135, 49-60.
- Saetta, G., Ruddy, K., Zapparoli, L., Gandola, M., Salvato, G., Sberna, M., ... & Lenggenhager, B. (2021). White Matter Abnormalities in Body Integrity Dysphoria. medRxiv.
- Crivelli, D., Peviani, V., Salvato, G., & **Bottini, G.** (2021). Exploring the interaction between handedness and body parts ownership by means of the Implicit Association Test. *Frontiers in human neuroscience*, 15.
- Peviani, V., Scarpa, P., & **Bottini, G.** (2021). The Mini-Mental State Pediatric Examination: a cognitive screening test for Italian children. In *Diagnosis, Management and Modeling of Neurodevelopmental Disorders* (pp. 345-354). Academic Press.
- Peviani, V., Magnani, F. G., **Bottini, G.**, & Melloni, L. (2021). Metric biases in body representation extend to objects. *Cognition*, 206, 104490

2020

- Bottini, G.**, & Salvato, G. (2020). In medio stat virtus: Integrating two functional models of vestibular cognition. *Cognitive neuropsychology*, 37(7-8), 427-429.
- Peviani, V., & **Bottini, G.** (2020). Proprioceptive errors in the localization of hand landmarks: What can be learnt about the hand metric representation?. *Plos one*, 15(7), e0236416
- Saetta, G., Hänggi, J., Gandola, M., Zapparoli, L., Salvato, G., Berlinger, M., ... & Brugger, P. (2020). Neural correlates of body integrity dysphoria. *Current Biology*, 30(11), 2191-2195.
- Salvato, G., Fiorina, M. L., De Maio, G., Francescon, E., Ovadia, D., Bernardinelli, L., ... & **Bottini, G.** (2020). Pathological risk-propensity typifies Mafia members' cognitive profile. *Scientific reports*, 10(1), 1-9.
- Salvato, G., Romano, D., De Maio, G., & **Bottini, G.** (2020). Implicit mechanisms of body image alterations: The covert attention exposure effect. *Attention, Perception, & Psychophysics*, 82(4), 1808-1817
- Peviani, V., Liotta, J., & **Bottini, G.** (2020). The motor system (partially) deceives body representation biases in absence of visual correcting cues. *Acta psychologica*, 203, 103003.
- Salvato, G., Richter, F., Sedeño, L., **Bottini, G.**, & Paulesu, E. (2020). Building the bodily self-awareness: Evidence for the convergence between interoceptive and exteroceptive information in a multilevel kernel density analysis study. *Human brain mapping*, 41(2), 401-418.
- Pasotti, F., Magnani, F. G., Gallucci, M., Salvato, G., Ovadia, D., Scotto, M., ... & **Bottini, G.** (2020). Neuropsychological assessment in acute stroke patients. *Neurological Sciences*, 1-8.
- Peviani, V., Scarpa, P., Vedovelli, S., & **Bottini, G.** (2020). Mini-Mental State Pediatric Examination (MMSPE) standardization and normative data on Italian children aged 36 to 72 months. *Applied Neuropsychology: Child*, 9(1), 92-96.
- Fazia, T., Bubbico, F., Salvato, G., Berzuini, G., Bruno, S., **Bottini, G.**, & Bernardinelli, L. (2020). Boosting Psychological Well-Being through a Social Mindfulness-Based Intervention in the General Population. *International journal of environmental research and public health*, 17(22), 8404.
- Salvato, G., Berlinger, M., De Maio, G., Curto, F., Chierigato, A., Magnani, F. G., ... & **Bottini, G.** (2020). Autonomic responses to emotional linguistic stimuli and amplitude of low-frequency fluctuations predict outcome after severe brain injury. *NeuroImage: Clinical*, 28, 102356
- Redolfi, A., De Francesco, S., Palesi, F., Galluzzi, S., Muscio, C., Castellazzi, G., ... & D'Angelo, E. (2020). Medical Informatics Platform (MIP): A pilot study across clinical Italian cohorts. *Frontiers in neurology*, 11.
- Salvato, G., Fiorina, M. L., Ovadia, D., De Maio, G., Francescon, E., & **Bottini, G.** (2020). Investigating the Psychological Profile of Organized Crime Members. In *Understanding Recruitment to Organized Crime and Terrorism* (pp. 269-275). Springer, Cham.

2019

- Salvato, G., D. Romano, G. De Maio, G. **Bottini**. Implicit mechanisms of body image alterations: The covert attention exposure effect. *Attention, Perception, and Psychophysics*. 2019. Article in press.
- Peviani, V., L. Melloni, G. **Bottini**. Visual and somatosensory information contribute to distortions of the body model. 2019. 9(1). *Scientific Reports*. Article number 13570
- Sedda, A., E. Ambrosini, G. Dirupo, D. Tonin, L. Valsecchi, T. Redaelli, M. Spinelli, M. Costantini, G. **Bottini**. Affordances after spinal cord injury. *Journal of Neuropsychology*. 2019. 13(2): 354-369.

- Salvato, G., G. De Maio, G. **Bottini**. Interoceptive sensibility tunes risk-taking behaviour when body-related stimuli come into play. *Scientific Reports*. 2019. **9**(1).
- Mariani, V., M. Revay, P. D’Orio, M. Rizzi, V. Pelliccia, M. Nichelatti, G. **Bottini**, L. Nobili, L. Tassi, M. Cossu. Prognostic factors of postoperative seizure outcome in patients with temporal lobe epilepsy and normal magnetic resonance imaging. *Journal of Neurology*. 2019. **266**(9): 2144-2156.
- Gasparini, S., E. Beghi, E. Ferlazzo, M. Beghi, V. Belcastro, K.P. Biermann, G. **Bottini**, G. Capovilla, R.A. Cervellione, V. Cianci, G. Coppola, C.M. Cornaggia, P. De Fazio, S. De Masi, G. De Sarro, M. Elia, G. Erba, L. Fusco, A. Gambardella, V. Gentile, et al. Management of psychogenic non-epileptic seizures: a multidisciplinary approach. *European Journal of Neurology*. 2019. **26**(2): 205-215.

2018

- Salvato, G., M. Mercurio, M. Sberna, E. Paulesu, G. **Bottini**. A very light lunch: Interoceptive deficits and food aversion at onset in a case of behavioral variant frontotemporal dementia. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*. 2018. **10**: 750-754.
- Salvato, G., M. Gandola, L. Veronelli, M. Berlingeri, M. Corbo, G. **Bottini**. “The vestibular system, body temperature and sense of body ownership: a potential link? Insights from a single case study”. *Physiology and Behavior*. 2018. **194**: 522-526.
- Peviani, V., F.G. Magnani, A. Ciricugno, T. Vecchi, G. **Bottini**. Rubber Hand Illusion survives Ventral Premotor area inhibition: A rTMS study. *Neuropsychologia*. 2018. **120**: 18-24.
- Peviani, V. and G. **Bottini**. The distorted hand metric representation serves both perception and action. *Journal of Cognitive Psychology*. 2018. **30**(8): 880-893.
- Passoni, S., T. Curinga, A. Toraldo, M. Berlingeri, I. Fernandez, G. **Bottini**. Eye Movement Desensitization and Reprocessing Integrative Group Treatment Protocol (EMDR-IGTP) applied to caregivers of patients with dementia. *Frontiers in Psychology*. 2018. **9**(JUN).
- Passoni, S., A. Capacchione, G. **Bottini**. The theoretical and conceptual evolution of the construct of grief in caregivers of patients with dementia. *Psicoterapia Cognitiva e Comportamentale*. 2018. **24**(3): 271-290.
- Bottini**, G., F.G. Magnani, G. Salvato, M. Gandola. Multiple dissociations in patients with disorders of body awareness: Implications for the study of consciousness. *Frontiers in Psychology*. 2018. **9**(OCT).

2017

- Scarpa, P., A. Toraldo, V. Peviani, G. **Bottini**. Let’s cut it short: Italian standardization of the MMSPE (Mini-Mental State Pediatric Examination), a brief cognitive screening tool for school-age children. *Neurological Sciences*. 2017. **38**(1): 157-162.
- Salvato, G., V. Peviani, E. Scarano, P. Scarpa, A. Leo, T. Redaelli, M. Spinelli, M. Sberna, G. **Bottini**. Dissociation between preserved body structural description and impaired body image following a pediatric spinal trauma. *Neurocase*. 2017. **23**(2): 149-153.
- Salvato, G., De Maio, G., & **Bottini, G.** (2017). Exploring biased attention towards body-related stimuli and its relationship with body awareness. *Scientific Reports*, 7, 17234.
- Danelli, L., M. Berlingeri, G. **Bottini**, N.A. Borghese, M. Lucchese, M. Sberna, C.J. Price, E. Paulesu. How many deficits in the same dyslexic brains? A behavioural and fMRI assessment of comorbidity in adult dyslexics. *Cortex*. 2017. **97**: 125-142.
- d’Orio, P., V. Pelliccia, F. Gozzo, F. Cardinale, L. Castana, G. Lo Russo, G. **Bottini**, P. Scarpa, M. Cossu. Epilepsy surgery in patients older than 50 years: Effectiveness, safety, and predictors of outcome. *Seizure*. 2017. **50**: 60-66.
- Bonanni, L., A. Cagnin, F. Agosta, C. Babiloni, B. Borroni, M. Bozzali, A.C. Bruni, M. Filippi, D. Galimberti, R. Monastero, C. Muscio, L. Parnetti, D. Perani, L. Serra, V. Silani, P. Tiraboschi, A. Padovani, D.L.B.S.s.g. On behalf of, A. Alberici, M. Alberoni, et al. The Italian dementia with Lewy bodies study group (DLB-SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. *Neurological Sciences*. 2017. **38**(1): 83-91.
- Berlingeri, M., D. Losasso, A. Girolo, E. Cozzolino, T. Masullo, M. Scotto, M. Sberna, G. **Bottini**, E. Paulesu. Resting state brain connectivity patterns before eventual relapse into cocaine abuse. *Behavioural Brain Research*. 2017. **327**: 121-132.

2016

- Sedda, A., D. Tonin, G. Salvato, M. Gandola, G. **Bottini**. Left caloric vestibular stimulation as a tool to reveal implicit and explicit parameters of body representation. *Consciousness and Cognition*. 2016. **41**: 1-9.
- Salvato, G., P. Scarpa, S. Francione, R. Mai, L. Tassi, E. Scarano, G. Lo Russo, G. **Bottini**. Declarative long-term memory and the mesial temporal lobe: Insights from a 5-year postsurgery follow-up study on refractory temporal lobe epilepsy. *Epilepsy and Behavior*. 2016. **64**: 102-109.
- Salvato, G., M. Gandola, L. Veronelli, E.C. Agostoni, M. Sberna, M. Corbo, G. **Bottini**. The spatial side of somatoparaphrenia: a case study. *Neurocase*. 2016. **22**(2): 154-160.
- Peviani, V., P. Scarpa, A. Toraldo, G. **Bottini**. Accounting for ethnic-cultural and linguistic diversity in neuropsychological assessment of patients with drug-resistant epilepsy: A retrospective study. *Epilepsy and Behavior*. 2016. **64**: 94-101.
- Gandola, M., A. Sedda, M. Manera, V. Pingue, G. Salvato, G.F. Spitoni, C. Pistarini, I. Giorgi, L. Pizzamiglio, G. **Bottini**. Corrigendum to "Selective improvement of anosognosia for hemiplegia during transcranial direct current stimulation: A case report" [*Cortex* 61 (2014) 107-119]. *Cortex*. 2016. **77**: 167.
- Fiori, F., A. Sedda, E.R. Ferrè, A. Toraldo, M. Querzola, F. Pasotti, D. Ovadia, C. Piroddi, R. Dell'Aquila, C. Lunetta, M. Corbo, G. **Bottini**. Erratum to: Exploring motor and visual imagery in Amyotrophic Lateral Sclerosis (*Experimental Brain Research*, (2013), 226, (537-547), DOI:10.1007/s00221-013-3465-9). *Experimental Brain Research*. 2016. **234**(6): 1783.

2015

- Romano, D., A. Sedda, P. Brugger, G. **Bottini**. Body ownership: When feeling and knowing diverge. *Consciousness and Cognition*. 2015. **34**: 140-148.
- Passoni, S., A. Toraldo, B. Villa, G. **Bottini**. Prolonged grief in caregivers of community-dwelling dementia patients. *American Journal of Alzheimer's Disease and other Dementias*. 2015. **30**(2): 192-200.
- Ovadia, D. and G. **Bottini**. Neuroethical implications of deep brain stimulation in degenerative disorders. *Current Opinion in Neurology*. 2015. **28**(6): 598-603.
- Ferrè, E.R., P. Haggard, G. **Bottini**, G.D. Iannetti. Caloric vestibular stimulation modulates nociceptive evoked potentials. *Experimental Brain Research*. 2015. **233**(12): 3393-3401.
- Bottini**, G. and M. Gandola. Beyond the non-specific attentional effect of caloric vestibular stimulation: Evidence from healthy subjects and patients. *Multisensory Research*. 2015. **28**(5-6): 591-612.
- Bottini**, G., P. Brugger, A. Sedda. Is the desire for amputation related to disturbed emotion processing? A multiple case study analysis in BIID. *Neurocase*. 2015. **21**(3): 394-402.
- Bottini**, G. Editorial. *Current Opinion in Neurology*. 2015. **28**(6): 595-597.
- Berlinger, M., A. Ravasio, S. Cranna, S. Basilico, M. Sberna, G. **Bottini**, E. Paulesu. Unrealistic representations of "the self": A cognitive neuroscience assessment of anosognosia for memory deficit. *Consciousness and Cognition*. 2015. **37**: 160-177.

2014

- Sedda, A. and G. **Bottini**. Apotemnophilia, body integrity identity disorder or xenomelia? psychiatric and neurologic etiologies face each other. *Neuropsychiatric Disease and Treatment*. 2014. **10**: 1255-1265.
- Salvato, G., A. Sedda, G. **Bottini**. In search of the disappeared half of it: 35 years of studies on representational neglect. *Neuropsychology*. 2014. **28**(5): 706-716.
- Romano, D., A. Sedda, R. Dell'Aquila, D. Dalla Costa, G. Beretta, A. Maravita, G. **Bottini**. Controlling the alien hand through the mirror box. A single case study of Alien Hand Syndrome. *Neurocase*. 2014. **20**(3): 307-316.
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Pavia, 11 January 2022

