

## CURRICULUM VITAE

MARIA GRAZIA MARCIANI

### Posizione accademica

**Settore Concorsuale** dal 19/09/2011 06/D6 - NEUROLOGIA

**Settore Scientifico Disciplinare** dal 05/12/2000 MED/26 - NEUROLOGIA

**Qualifica** Professore Ordinario

**AnzianitÃ nel ruolo di professore di I fascia** 01/11/1994

**Sede universitaria** UniversitÃ degli Studi di ROMA "Tor Vergata"

**Dipartimento** Dipartimento di NEUROSCIENZE

### Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:

dal 01/08/1980 Professore II Fascia UniversitÃ degli Studi di ROMA "Tor Vergata"

dal 01/11/1994 Professore I Fascia UniversitÃ degli Studi di ROMA "Tor Vergata"

### Pubblicazioni scientifiche

#### Pubblicazioni principali

1. 2012 - Articolo in rivista

*Quitadamo LR, Abbafati M, Cardarilli GC, Mattia D, Cincotti F, Babiloni F, MARCIANI M, Bianchi L. (2012). Evaluation of the performances of different P300 based brain-computer interfaces by means of the Efficiency metric.. JOURNAL OF NEUROSCIENCE METHODS, ISSN: 0165-0270*

2. 2012 - Articolo in rivista

*Liguori C, Romigi A, Placidi F, Izzi F, Albanese M, Sancesario G, MARCIANI M (2012). Pure ictal sensory seizures may represent a clinical manifestation of PLEDs.. EPILEPSY & BEHAVIOR, ISSN: 1525-5050*

3. 2011 - Articolo in rivista

*Torelli F, Moscufo N, Garreffa G, Placidi F, Romigi A, Zannino S, Bozzali M, Fasano F, Giulietti G, Djonlogic I, Malhotra A, Marciani M.G., Guttmann CR. (2011). Cognitive profile and brain morphological changes in obstructive sleep apnea.. NEUROIMAGE, vol. 54, p. 787-793, ISSN: 1053-8119*

4. 2011 - Monografia o trattato scientifico

*MARCIANI M, Carlo Ferrarese, Ildebrando Appollonio, Guido Cavaletti, Pietro Cortelli, Antonio Federico, Marciani M, Erik P. Sganzerla (2011). Core Curriculum Malattie del sistema nervoso. vol. 1, p. 115-139, Mc Graw Hill, ISBN: 978-88-386-3967-8*

5. 2011 - Articolo in rivista  
*Romigi A, Izzi F, Pisani V, Placidi F, Pisani LR, MARCIANI M, Corte F, Panico MB, Torelli F, Uasone E, Vitrani G, Albanese M, Massa R. (2011). Sleep disorders in adult-onset myotonic dystrophy type 1: a controlled polysomnographic study.. EUROPEAN JOURNAL OF NEUROLOGY, ISSN: 1351-5101*
6. 2011 - Articolo in rivista  
*Quitadamo LR, Abbatati M, Cardarilli GC, Mattia D, Cincotti F, Babiloni F, MARCIANI M.G., Bianchi L. (2011). Evaluation of the performances of different P300 based brain-computer interfaces by means of the Efficiency metric.. JOURNAL OF NEUROSCIENCE METHODS, ISSN: 0165-0270*
7. 2011 - Articolo in rivista  
*Torelli F, Moscufo N, Garreffa G, Placidi F, Romigi A, Zannino S, Bozzali M, Fasano F, Giulietti G, Djonlogic I, Malhotra A, MARCIANI M, Guttmann CR. (2011). Cognitive profile and brain morphological changes in obstructive sleep apnea.. NEUROIMAGE, ISSN: 1053-8119*
8. 2010 - Articolo in rivista  
*BELCASTRO V, STRIANO P, GORGONE G, COSTA C, CIAMPA C, CACCAMO D, PISANI LR, OTERI G, MARCIANI M.G., AGUGLIA U, STRIANO S, IENTILE R, CALABRESI P, PISANI F (2010). Hyperhomocysteinemia in epileptic patients on new antiepileptic drugs. EPILEPSIA, vol. 51, p. 274-279, ISSN: 0013-9580*
9. 2010 - Articolo in rivista  
*Romigi A, Bari M, Placidi F, Marciani MG, Malaponti M, Torelli F, Izzi F, Prosperetti C, Zannino S, Corte F, Chiaramonte C, Maccarrone M (2010). Cerebrospinal fluid levels of the endocannabinoid anandamide are reduced in patients with untreated newly diagnosed temporal lobe epilepsy.. EPILEPSIA, vol. 51, p. 768-772, ISSN: 0013-9580, doi: <http://dx.doi.org/10.1111/j.1528-1167.2009.02334.x>*
10. 2009 - Articolo in rivista  
*ROMIGI A, IZZI F, MARCIANI M.G., TORELLI F, ZANNINO S, PISANI LR, UASONE E, CORTE F, PLACIDI F (2009). Pregabalin as add-on therapy induces REM sleep enhancement in partial epilepsy: a polysomnographic study. EUROPEAN JOURNAL OF NEUROLOGY, vol. 16, p. 70-75, ISSN: 1351-5101*
11. 2009 - Articolo in rivista  
*ROMIGI A, BARI M, PLACIDI F, MARCIANI M.G., MALAPONTI M, TORELLI F, IZZI F, PROSPERETTI C, ZANNINO S, CORTE F, CHIARAMONTE C, MACCARRONE M (2009). Cerebrospinal fluid levels of the endocannabinoid anandamide are reduced in patients with untreated newly diagnosed temporal lobe epilepsy. EPILEPSIA, vol. 51, p. 768-772, ISSN: 0013-9580*
12. 2009 - Articolo in rivista  
*Bianciardi M, Bianchi L, Garreffa G, Abbatati M, Di Russo F, Marciani MG, Macaluso E (2009). Single-epoch analysis of interleaved evoked potentials and fMRI responses during steady-state visual stimulation.. CLINICAL NEUROPHYSIOLOGY, vol. 120, p. 738-747, ISSN: 1388-2457, doi: 10.1016/j.clinph.2009.01.009*
13. 2009 - Articolo in rivista  
*Vecchiato G, Astolfi L, De Vico Fallani F, Salinari S, Cincotti F, Aloise F, Mattia D, MARCIANI M, Bianchi L, Soranzo R, Babiloni F. (2009). The study of brain activity during the observation of commercial advertising by using high resolution EEG techniques.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
14. 2009 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, De Vico Fallani F, Salinari S, MARCIANI M, Witte H, Babiloni F. (2009). Study of the time-varying cortical connectivity changes during the attempt of foot movements by spinal cord injured and healthy subjects.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
15. 2009 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, De Vico Fallani F, Salinari S, MARCIANI M, Wilke C, Doud A, Yuan H, He B, Babiloni F. (2009). Estimation of the cortical activity from simultaneous multi-subject recordings during the prisoner's dilemma. . IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
16. 2009 - Articolo in rivista  
*Belcastro V, Striano P, Gorgone G, Costa C, Ciampa C, Caccamo D, Pisani LR, Oteri G, MARCIANI M, Aguglia U, Striano S, Ientile R, Calabresi P, Pisani F. (2009). Hyperhomocysteinemia in epileptic patients on new antiepileptic drugs.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*

17. 2009 - Articolo in rivista  
*Astolfi L, Fallani Fde V, Cincotti F, Mattia D, Bianchi L, MARCIANI M, Salinari S, Gaudiano I, Scarano G, Soranzo R, Babiloni F. (2009). Brain activity during the memorization of visual scenes from TV commercials: an application of high resolution EEG and steady state somatosensory evoked potentials technologies.. JOURNAL OF PHYSIOLOGY, ISSN: 0928-4257*
18. 2009 - Articolo in rivista  
*Astolfi L, Vecchiato G, De Vico Fallani F, Salinari S, Cincotti F, Aloise F, Mattia D, MARCIANI M, Bianchi L, Soranzo R, Babiloni F. (2009). The track of brain activity during the observation of TV commercials with the high-resolution EEG technology.. COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, ISSN: 1687-5265*
19. 2009 - Articolo in rivista  
*Astolfi L, De Vico Fallani F, Cincotti F, Mattia D, MARCIANI M, Salinari S, Sweeney J, Miller GA, He B, Babiloni F. (2009). Estimation of effective and functional cortical connectivity from neuroelectric and hemodynamic recordings.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
20. 2009 - Articolo in rivista  
*Astolfi L, Vecchiato G, De Vico Fallani F, Salinari S, Cincotti F, Aloise F, Mattia D, MARCIANI M, Bianchi L, Soranzo R, Babiloni F. (2009). The track of brain activity during the observation of TV commercials with the high-resolution EEG technology.. COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, ISSN: 1687-5265*
21. 2009 - Articolo in rivista  
*Sperli F, Placidi F, Izzi F, MARCIANI M, Floris R, Ludovici A, Cervellino A, Torelli F, Romigi A. (2009). ICTAL aphasia as manifestation of partial status epilepticus in a long-lasting misdiagnosed symptomatic epilepsy: an emblematic case.. INTERNATIONAL JOURNAL OF NEUROSCIENCE, ISSN: 0020-7454*
22. 2009 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, Soranzo R, Salinari S, MARCIANI M, Colosimo A, Babiloni F. (2009). Cortical network topology during successful memory encoding in a lifelike experiment.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
23. 2009 - Articolo in rivista  
*Babiloni F, Cincotti F, MARCIANI M, Salinari S, Astolfi L, Aloise F, De Vico Fallani F, Mattia D. (2009). On the use of brain-computer interfaces outside scientific laboratories toward an application in domotic environments.. RIVISTA DI NEUROBIOLOGIA, ISSN: 0035-6336*
24. 2008 - Articolo in rivista  
*QUITADAMO LR, MARCIANI M.G., CARDARILLI GC, BIANCHI L (2008). DESCRIBING DIFFERENT BRAIN COMPUTER INTERFACE SYSTEMS THROUGH A UNIQUE MODEL: A UML IMPLEMENTATION. NEUROINFORMATICS, vol. 6:2, p. 81-96, ISSN: 1539-2791*
25. 2008 - Articolo in rivista  
*ROMIGI A, CERVELLINO A, MARCIANI M.G., IZZI F, MASSOUD R, CORONA M, TORELLI F, ZANNINO S, UASONE E, PLACIDI F (2008). Cognitive and psychiatric effects of topiramate monotherapy in migraine treatment: an open study. EUROPEAN JOURNAL OF NEUROLOGY, vol. 15, p. 190-195, ISSN: 1351-5101*
26. 2008 - Articolo in rivista  
*ASTOLFI L, DE VICO FALLANI F, CINCOTTI F, MATTIA D, BIANCHI L, MARCIANI M.G., SALINARI S, COLOSIMO A, TOCCI A, SORANZO R, BABILONI F (2008). Neural basis for brain responses to TV commercials: a high-resolution EEG study. IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, vol. 16, p. 531-552, ISSN: 1534-4320*
27. 2008 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, De Vico Fallani F, Colosimo A, Salinari S, MARCIANI M, Witte H, Babiloni F. (2008). Study of the time-varying cortical connectivity during the attempt of a foot movement by Spinal Cord Injured patients.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
28. 2008 - Articolo in rivista  
*De Vico Fallani F, Sinatra R, Astolfi L, Mattia D, Cincotti F, Latora V, Salinari S, MARCIANI M, Colosimo A, Babiloni F. (2008). Community structure of cortical networks in spinal cord injured patients.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
29. 2008 - Articolo in rivista

- Astolfi L, Soranzo R, Cincotti F, Mattia D, Scarano G, Gaudiano I, MARCIANI M, Salinari S, De Vico Fallani F, Babiloni F. (2008). Assessing the memorization of TV commercials with the use of high resolution EEG: a pilot study.. *IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE*, ISSN: 0739-5175
30. 2008 - Articolo in rivista  
*Bianchi L, Pronesti D, Abafati M, Quitadamo LR, MARCIANI M, Saggio G. (2008). new visual feed-back modality for the reduction of artifacts in mu-rhythm based brain-computer interfaces.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
31. 2008 - Articolo in rivista  
*Romigi A, Izzi F, MARCIANI M, Torelli F, Zannino S, Pisani LR, Uasone E, Corte F, Placidi F. (2008). Pregabalin as add-on therapy induces REM sleep enhancement in partial epilepsy: a polysomnographic study.. EUROPEAN JOURNAL OF NEUROLOGY, ISSN: 1351-5101*
32. 2008 - Articolo in rivista  
*Mattia D, Cincotti F, Astolfi L, de Vico Fallani F, Scivoletto G, MARCIANI M, Babiloni F. (2008). Motor cortical responsiveness to attempted movements in tetraplegia: evidence from neuroelectrical imaging.. CLINICAL NEUROPHYSIOLOGY, ISSN: 1388-2457*
33. 2008 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, Tocci A, Salinari S, Marciani M, Witte H, Colosimo A, Babiloni F. (2008). Brain network analysis from high-resolution EEG recordings by the application of theoretical graph indexes.. IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, ISSN: 1534-4320*
34. 2008 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, Tocci A, Salinari S, MARCIANI M, Witte H, Colosimo A, Babiloni F. (2008). Brain network analysis from high-resolution EEG recordings by the application of theoretical graph indexes.. IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, ISSN: 1534-4320*
35. 2008 - Articolo in rivista  
*Romigi A, MARCIANI M, Placidi F, Pisani LR, Izzi F, Torelli F, Prosperetti C. (2008). Oxcarbazepine in nocturnal frontal-lobe epilepsy: a further interesting report.. PEDIATRIC NEUROLOGY, ISSN: 0887-8994*
36. 2008 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, MARCIANI M, Gao S, Salinari S, Soranzo R, Colosimo A, Babiloni F. (2008). Structure of the cortical networks during successful memory encoding in TV commercials.. CLINICAL NEUROPHYSIOLOGY, ISSN: 1388-2457*
37. 2008 - Articolo in rivista  
*Quitadamo LR, MARCIANI M, Cardarilli GC, Bianchi L. (2008). Describing different brain computer interface systems through a unique model: a UML implementation.. NEUROINFORMATICS, ISSN: 1539-2791*
38. 2008 - Articolo in rivista  
*Placidi F, Izzi F, Romigi A, Stanzione P, MARCIANI M, Brusa L, Sperli F, Galati S, Pasqualetti P, Pierantozzi M. (2008). Sleep-wake cycle and effects of cabergoline monotherapy in de novo Parkinson's disease patients. An ambulatory polysomnographic study.. JOURNAL OF NEUROLOGY, ISSN: 0340-5354*
39. 2008 - Articolo in rivista  
*Romigi A, Placidi F, Peppe A, Pierantozzi M, Izzi F, Brusa L, Galati S, Moschella V, MARCIANI M, Mazzone P, Stanzione P, Stefani A. (2008). Pedunculopontine nucleus stimulation influences REM sleep in Parkinson's disease.. EUROPEAN JOURNAL OF NEUROLOGY, ISSN: 1351-5101*
40. 2008 - Articolo in rivista  
*Placidi F, Izzi F, Romigi A, Stanzione P, MARCIANI M, Brusa L, Sperli F, Galati S, Pasqualetti P, Pierantozzi M. (2008). Sleep-wake cycle and effects of cabergoline monotherapy in de novo Parkinson's disease patients. An ambulatory polysomnographic study.. JOURNAL OF NEUROLOGY, ISSN: 0340-5354*
41. 2008 - Articolo in rivista  
*Cincotti F, Mattia D, Aloise F, Bufalari S, Schalk G, Oriolo G, Cherubini A, MARCIANI M, Babiloni F. (2008). Non-invasive brain-computer interface system: towards its application as assistive technology.. BRAIN RESEARCH BULLETIN, ISSN: 0361-9230*
42. 2008 - Articolo in rivista

- Cincotti F, Kauhanen L, Aloise F, Palomäki T, Caporusso N, Jylänki P, Mattia D, Babiloni F, Vanacker G, Nuttin M, MARCIANI M, Del R Millán J. (2008). Vibrotactile feedback for brain-computer interface operation.. *COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE*, ISSN: 1687-5265
43. 2008 - Articolo in rivista  
*Babiloni F, Cincotti F, MARCIANI M, Salinari S, Astolfi L, Tocci A, Aloise F, De Vico Fallani F, Bufalari S, Mattia D. (2008). The estimation of cortical activity for brain-computer interface: applications in a domotic context. . COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, ISSN: 1687-5265*
44. 2008 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, De Vico Fallani F, Tocci A, Colosimo A, Salinari S, MARCIANI M, Hesse W, Witte H, Ursino M, Zavaglia M, Babiloni F. (2008). Tracking the time-varying cortical connectivity patterns by adaptive multivariate estimators.. IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, ISSN: 0018-9294*
45. 2008 - Articolo in rivista  
*Izzi F, Placidi F, MARCIANI M, Zannino S, Torelli F, Corte F, Pisani LR, Romigi A. (2008). Effective treatment of narcolepsy-cataplexy with duloxetine: a report of three cases.. SLEEP MEDICINE REVIEWS, ISSN: 1087-0792*
46. 2008 - Articolo in rivista  
*Romigi A, Cervellino A, MARCIANI M, Izzi F, Massoud R, Corona M, Torelli F, Zannino S, Uasone E, Placidi F. (2008). Cognitive and psychiatric effects of topiramate monotherapy in migraine treatment: an open study.. EUROPEAN JOURNAL OF NEUROLOGY, ISSN: 1351-5101*
47. 2008 - Articolo in rivista  
*Pierantozzi M, Palmieri MG, Galati S, Stanzione P, Peppe A, Tropepi D, Brusa L, Pisani A, Moschella V, MARCIANI M, Mazzone P, Stefani A. (2008). Pedunculopontine nucleus deep brain stimulation changes spinal cord excitability in Parkinson's disease patients.. JOURNAL OF NEURAL TRANSMISSION, ISSN: 1435-1463*
48. 2007 - Articolo in rivista  
*CENTONZE D, KOCH G, VERSACE V, MORI F, ROSSI S, BRUSA L, GROSSI K, TORELLI F, PROSPERETTI C, CERVELLINO A, MARFIA GA, STANZIONE P, MARCIANI M.G., BOFFA L, BERNARDI G (2007). Repetitive transcranial magnetic stimulation of the motor cortex ameliorates spasticity in multiple sclerosis. NEUROLOGY, vol. 68(13), p. 1045-1050, ISSN: 0028-3878*
49. 2007 - Articolo in rivista  
*CINCOTTI F, MATTIA D, ALOISE F, BUFALARI S, ASTOLFI L, DE VICO FALLANI F, TOCCI A, BIANCHI L, MARCIANI M.G., GAO S, MILLAN J, BABILONI F (2007). High-resolution EEG techniques for brain-computer interface applications. JOURNAL OF NEUROSCIENCE METHODS, vol. Jul 10 [Epub ahead of, ISSN: 0165-0270*
50. 2007 - Articolo in rivista  
*L. BIANCHI, L. R. QUITADAMO, G. GARREFFA, G.C. CARDARILLI, MARCIANI M.G. (2007). Performances Evaluation and Optimization of Brain Computer Interface Systems in a copy spelling task. IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, ISSN: 1534-4320*
51. 2007 - Articolo in rivista  
*FALLANI FD, ASTOLFI L, CINCOTTI F, MATTIA D, MARCIANI M.G., SALINARI S, KURTHS, J, GAO S, CICHOCKI A, COLOSIMO A, BABILONI F (2007). Cortical functional connectivity networks in normal and spinal cord injured patients: Evaluation by graph analysis. HUMAN BRAIN MAPPING, vol. Feb 21; [Epub ahead of print], ISSN: 1065-9471*
52. 2007 - Articolo in rivista  
*F. DE VICO FALLANI, L. ASTOLFI, F. CINCOTTI, D. MATTIA, A. TOCCI, MARCIANI M.G., A. COLOSIMO, S. SALINARI, S. GAO, A. CICHOCKI, F. BABILONI (2007). Extracting Information from Cortical Connectivity Patterns estimated from High Resolution EEG recordings: a theoretical graph approach. COMPLEXITY, ISSN: 1076-2787*
53. 2007 - Articolo in rivista  
*BIANCHI L, QUITADAMO LR, GARREFFA G, CARDARILLI GC, MARCIANI M.G. (2007). Optimization of Brain Computer Interface Systems by means of XML and BF++ Toys. INTERNATIONAL JOURNAL OF BIOELECTROMAGNETISM, vol. 9, p. 172-184, ISSN: 1456-7857*
54. 2007 - Articolo in rivista  
*Babiloni F, Astolfi L, Cincotti F, Mattia D, Tocci A, Tarantino A, MARCIANI M, Salinari S, Gao S, Colosimo A, De Vico Fallani F. (2007). Cortical activity and connectivity of human brain during the*

*prisoner's dilemma: an EEG hyperscanning study.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*

55. 2007 - Articolo in rivista  
*Cincotti F, Kauhanen L, Aloise F, Palomaki T, Caporusso N, JylÄ¤nki P, Babiloni F, Vanacker G, Nuttin M, MARCIANI M, Del R Millan J, Mattia D. (2007). Preliminary experimentation on vibrotactile feedback in the context of mu-rhythm based BCI.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
56. 2007 - Articolo in rivista  
*Quitadamo LR, Abbatati M, Saggio G, MARCIANI M, Bianchi L. (2007). Brain computer interface research at the neuroscience department of the "Tor Vergata" University of Rome, Italy.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
57. 2007 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, De Vico Fallani F, Colosimo A, Salinari S, MARCIANI M, Ursino M, Zavaglia M, Hesse W, Witte H, Babiloni F. (2007). Time-varying cortical connectivity by adaptive multivariate estimators applied to a combined foot-lips movement.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
58. 2007 - Articolo in rivista  
*Cincotti F, Aloise F, Bufalari S, Schalk G, Oriolo G, Cherubini A, Davide F, Babiloni F, MARCIANI M, Mattia D. (2007). Non-invasive brain-computer interface system to operate assistive devices.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
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60. 2007 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, Mattiocco M, De Vico Fallani F, Colosimo A, MARCIANI M, Hesse W, Zemanova L, Lopez GZ, Kurths J, Zhou C, Babiloni F. (2007). Estimation of the time-varying cortical connectivity patterns by the adaptive multivariate estimators in high resolution EEG studies. . IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
61. 2007 - Articolo in rivista  
*Babiloni F, Cincotti F, Mattia D, De Vico Fallani F, Tocci A, Bianchi L, Salinari S, MARCIANI M, Colosimo A, Astolfi L (2007). High resolution EEG hyperscanning during a card game.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
62. 2007 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, Tocci A, Capitanio S, MARCIANI M, Salinari H, Hesse W, Witte H, Gao S, Colosimo A, Babiloni F. (2007). Features extraction from time-varying cortical networks adopting a theoretical graph approach.. IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, ISSN: 0739-5175*
63. 2007 - Articolo in rivista  
*Cincotti F, Kauhanen L, Aloise F, PalomÄ¤ki T, Caporusso N, JylÄ¤nki P, Mattia D, Babiloni F, Vanacker G, Nuttin M, MARCIANI M, Del R MillÄin J. (2007). Vibrotactile feedback for brain-computer interface operation.. COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, ISSN: 1687-5265*
64. 2007 - Articolo in rivista  
*Romigi A, Izzi F, Placidi F, Sperli F, Cervellino A, MARCIANI M (2007). Topiramate-induced restless legs syndrome: a report of two cases.. JOURNAL OF NEUROLOGY, ISSN: 0340-5354*
65. 2007 - Articolo in rivista  
*Astolfi L, Cincotti F, Mattia D, MARCIANI M, Baccala LA, de Vico Fallani F, Salinari S, Ursino M, Zavaglia M, Ding L, Edgar JC, Miller GA, He B, Babiloni F. (2007). Comparison of different cortical connectivity estimators for high-resolution EEG recordings.. HUMAN BRAIN MAPPING, ISSN: 1065-9471*
66. 2007 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, MARCIANI M, Salinari S, Kurths J, Gao S, Cichocki A, Colosimo A, Babiloni F (2007). Cortical functional connectivity networks in normal and spinal cord injured patients: Evaluation by graph analysis.. HUMAN BRAIN MAPPING, ISSN: 1065-9471*
67. 2007 - Articolo in rivista  
*Bianchi L, Quitadamo LR, MARCIANI M, Maraviglia B, Abbatati M, Garreffa G (2007). How the NPX*

- data format handles EEG data acquired simultaneously with fMRI.. MAGNETIC RESONANCE IMAGING, ISSN: 1873-5894*
68. 2007 - Articolo in rivista  
*Astolfi L, Bakardjian H, Cincotti F, Mattia D, MARCIANI M, De Vico Fallani F, Colosimo A, Salinari S, Miwakeichi F, Yamaguchi Y, Martinez P, Cichocki A, Tocci A, Babiloni F. (2007). Estimate of causality between independent cortical spatial patterns during movement volition in spinal cord injured patients.. BRAIN TOPOGRAPHY, ISSN: 0896-0267*
69. 2007 - Articolo in rivista  
*De Vico Fallani F, Astolfi L, Cincotti F, Mattia D, Tocci A, MARCIANI M, Colosimo A, Salinari S, Gao S, Cichocki A, Babiloni F. (2007). Extracting information from cortical connectivity patterns estimated from high resolution EEG recordings: a theoretical graph approach.. BRAIN TOPOGRAPHY, ISSN: 0896-0267*
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Riviste	EPILEPSIA	2007	ad oggi
Riviste	IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING	2004	ad oggi

**attribuzione di incarichi di insegnamento o di ricerca (fellowship) ufficiale presso atenei e istituti di ricerca, esteri e internazionali, di alta qualificazione**

Tipo	Ente	Dal	Al
Insegnamento	Assistente incaricato Cattedra di Fisiologia Umana Presso il Libero Istituto	1970	1972

	Universitario di Medicina e Chirurgia de L'Aquila				
Insegnamento e Ricerca	Assistente Ordinario con qualifica di Aiuto presso la II Clinica Neurologica dell'Università degli Studi di Roma "La Sapienza"	1979	1982		
Ricerca	Post-doctoral fellow presso il Department of Neurophysiology del Max Planck Institut di Monaco di Baviera diretto dal Prof. H.D. Lux	1972	1973		
Ricerca	Post-doctoral fellow presso il Department of Neurophysiology del Max Planck Institut di Monaco di Baviera diretto dal Prof. H.D. Lux	1980	1981		
Insegnamento e Ricerca	Professore Associato di Neurologia presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi di Roma "Tor Vergata"	1982	1994		
Insegnamento e Ricerca	Visiting Professor presso la McGill University - Montreal "Montreal Neurological Institute, Dept. Of Neurophysiology" diretto dal Prof. Peter Gloor	1982	1984		
Insegnamento e Ricerca	Professore Ordinario di Neurologia presso l'Università degli Studi di Roma "Tor Vergata"	1994	ad oggi		
Insegnamento e Ricerca	Direttore del Servizio di Neurofisiopatologia dell'Università degli Studi di Roma "Tor Vergata" presso l'Ospedale S. Eugenio	1995	2000		
Insegnamento	Direttore del Corso di Laurea I° livello per Tecnici di Neurofisiopatologia, Facoltà di Medicina e Chirurgia, Università degli Studi di Roma "Tor Vergata"	1997	2008		
Ricerca	Direttore del Dipartimento di Neuroscienze Facoltà di Medicina e Chirurgia dell'Università degli Studi di Roma "Tor Vergata"	1998	2009		
Insegnamento e Ricerca	Direttore dell'UOC di Neurofisiopatologia del Policlinico Tor Vergata, Università degli Studi di Roma "Tor Vergata"	2001	2011		
Insegnamento	Direttore della Scuola di Specializzazione in Neurofisiopatologia, Università degli Studi di Roma "Tor Vergata"	2003	2011		
Ricerca	Presidente della Conferenza dei Direttori di Dipartimento dell'Università degli Studi di Roma "Tor Vergata"	2006	2009		
Insegnamento e Ricerca	Direttore della Clinica Neurologica del Policlinico Tor Vergata dell'Università degli Studi di Roma "Tor Vergata"	2011	ad oggi		
Insegnamento	Direttore della Scuola di Specializzazione in Neurologia dell'Università degli Studi di Roma "Tor Vergata"	2011	ad oggi		
Ricerca	Direttore del Dipartimento clinico di Neuroscienze del Policlinico Tor Vergata dell'Università degli Studi di Roma "Tor Vergata"	2012			

#### **direzione di enti o istituti di ricerca di alta qualificazione internazionale**

Ente	Dal	Al
Fondazione IRCCS S:Lucia Roma Responsabile Laboratori di ricerca in Neurofisiopatologia	1993	ad oggi

#### **altri titoli**

1985 - 1994 Componente eletto del Consiglio di Amministrazione dell'Università degli Studi di Roma "Tor Vergata"  
 1988 - 1992 Componente del Consiglio di Amministrazione dell'ADISU dell'Università degli Studi di Roma "Tor Vergata"

*2005 a tutt'oggi Componente effettivo del Comitato Etico Indipendente del Policlinico Tor Vergata fino al 2009.*

*Dal 2009 eletta Presidente di detto Comitato.*

*2008 - 2011 Coordinatore Nazionale del Gruppo di studio sull'Epilessia, della SocietÀ Italiana di Neurologia*

*2010 a tutt'oggi Componente effettivo del Consiglio Superiore di SanitÀ*

*2010 a tutt'oggi Componente eletto del Senato Accademico dell'UniversitÀ degli Studi di Roma "Tor Vergata"*

*1997 a tutt'oggi Coordinatore e Responsabile di UnitÀ Operative di progetti europei (VI e VII FP)*

*2004 -2012 Componente di numerose commissioni dell'EMA, AIFA, Ministero della Salute*

*2011 Licenza in Bioetica presso la Pontificia UniversitÀ Regina Apostolorum di Roma con votazione "magna cum laude".*

