

Prof. Francesco Di Russo Ph.D. Curriculum Vitae (short)

Personal data

Date of birth: April 5 1968

Nationality: Italian

Married with two sons

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Researcher ID

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Current Positions

- Associate Professor of Psychophysiology. University of Rome "Foro Italico". Roma – Italy
- Full professor habilitation in Psychology in 2014 and 2020
- Director of the Cognitive Neuroscience and Action Laboratory, University of Rome "Foro Italico". Roma – Italy
- Director of the Electrophysiology of Cognition Laboratory, Santa Lucia Foundation (IRCCS), Roma - Italy
- Member of the professional board of Psychologists

Education

- 1990-1995 Five years university degree in Experimental Psychology. University of Rome "La Sapienza" Obtained the maximum score 110/110 cum laude.
- 1996-1999 PhD in Psychophysiology of Perception. University of Rome "La Sapienza". Title obtained in March 2000 with the dissertation entitled "Cortical mechanisms of visual spatial attention". Maximum score obtained (excellent).
- 1999–2001 Post-Doc Researcher at the Dept. Of Neurosciences of the University of California San Diego - La Jolla, California – USA.

Scientific Activity

Current Research Topics

Neural bases of cognitive processing	Psychophysiology	Cognitive Aging
Preparation, Perception and Action	Decision-making	Neural bases of emotion
Cognitive Neurosciences of Sport	ERP	fMRI

Research grants as principal investigator

2015, 2019	University of Rome "Foro Italico" competitive grant
2012	MIUR grant PRIN 2010-2011
2008	MIUR grant PRIN 2007
2006, 2008, 2010, 2012	University of Rome "Foro Italico" competitive grant
2003, 2004 e 2005	University of Rome "Foro Italico" pilot grant
2007-2012	Department grant

Editorial activity

From 2012, Associate editor of Frontiers in Human Neuroscience

From 2014, Associate editor of Plos One

From 2016, Associate editor of Scientific Reports

Peer reviewer for 43 international journals.

Scientific Publications

Total publications	Articles	Total Impact Factor	Total citations ¹	Citations per article	h-index ¹
141	126	507	8980	71.3	47

¹Font: <https://scholar.google.it/citations?user=R38tGkcAAAAJ&hl=it> del 2/2/2022

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2006-2021 articles

1. Lucia, S., Bianco, V., Boccacci, L., & Di Russo, F. (2021). Effects of a Cognitive-Motor Training on Anticipatory Brain Functions and Sport Performance in Semi-Elite Basketball Players. *Brain Sciences*, 12, 68. [IF 3.394, Q2].
2. Bianco, V., Berchicci, M., Gigante, E., Perri R.L., Quinzi, F., Mussini, E. & Di Russo F. (2021). Brain Plasticity Induced by Musical Expertise on Proactive and Reactive Cognitive Functions. *Neuroscience*. 483, 1-12 [IF 3.590, Q2].
3. Di Russo, F., & Lucia, S. (2021). Neural bases of cognitive processing. *Brain Sciences*, 11(10), 1286. [IF 3.394, Q2].
4. Sulpizio V, Berchicci M, Di Russo F, Galati G, Grasso MG, Iosa M, Lucci G, Paolucci S, Ripani M, Pitzalis S (2021). Effect of exoskeleton-assisted rehabilitation over prefrontal cortex in multiple sclerosis patients: a neuroimaging pilot study. *Brain Topography*, 1-13. In press DOI: 10.1007/s10548-021-00858-w. [IF 3.020, Q1].
5. Fiorini, L., Berchicci, M., Mussini, E., Bianco, V., Lucia, S., & Di Russo, F. (2021). Neural Basis of Anticipatory Multisensory Integration. *Brain Sciences*, 11(7), 843. [IF 3.394, Q2].
6. Bianco V, Berchicci M, Mussini E, Perri RL, Quinzi F, Di Russo F. (2021). Electrophysiological Evidence of Anticipatory Cognitive Control in the Stroop Task. *Brain Sciences* 11, 783. [IF 3.394, Q2].
7. Di Russo F, Berchicci M, Bianco V, Perri RL, Pitzalis S, & Mussini E. (2020). Modulation of anticipatory visuospatial attention in sustained and transient tasks. *Cortex*, 135, 1-9. [IF 4.027, Q1]
8. Di Russo F, Berchicci M, Bianco V, Mussini E, Perri RL, Pitzalis S, Quinzi F, Tranquilli S & Spinelli D. (2021). Sustained visuospatial attention enhances lateralized anticipatory ERP activity in sensory areas. *Brain Structure and Function*. 226(2), 457-470. [IF 3.298, Q1]
9. Perri RL, Bianco V, Facco E & Di Russo F. (2020). Now you see one letter, now you see meaningless symbols: Perceptual and semantic hypnotic suggestions reduce Stroop errors through different neurocognitive mechanisms. *Frontiers in Neuroscience*, 12, 600083 [IF 3.707, Q1].
10. Mussini E, Berchicci M, Bianco V, Perri RL, Quinzi F & Di Russo F. (2021). Effect of task complexity on motor and cognitive preparatory brain activities. *International Journal of Psychophysiology*, 159, 11-16. [IF 2.997, Q2]
11. Bianco V, Berchicci M, Perri RL, Quinzi F, Mussini E, Spinelli D & Di Russo F. (2020). Preparatory ERPs in visual, auditory and somatosensory discriminative motor tasks. *Psychophysiology*, in press doi:10.1111/psyp.13687
12. Berchicci M, Bianco V, Di Russo F. (2020). Electrophysiological signs of stronger auditory processing in females than males during passive listening. *Cognitive Neuroscience*, in press
13. Quinzi F, Berchicci M, Bianco V, De Filippo G, Perri RL, & Di Russo F. (2020). The role of cognitive reserve on prefrontal and premotor cortical activity in visuo-motor response tasks in healthy old adults. *Neurobiology of Aging*, in press. doi: 10.1016/j.neurobiolaging.2020.06.002
14. Perri, RL, Facco E, Quinzi F, Bianco V, Berchicci M, Rossani F, Di Russo F. (2020). Cerebral mechanisms of hypnotic hypoesthesia. An ERP investigation on the expectancy stage of perception. *Psychophysiology*, in press. doi: 10.1111/psyp.13657
15. de Tommaso, M., Betti, V., Bocci, T., Bolognini, N., Di Russo, F et al. (2020). Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliability—part I. *Neurological Sciences*, in press. doi: 10.1007/s10072-020-04420-7
16. de Tommaso, M., Betti, V., Bocci, T., Bolognini, N., Di Russo, F., Fattapposta, F., ... & Piccione, F. (2020). Pearl and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliability—part II. *Neurological Sciences*, 1-13. doi: 10.1007/s10072-020-04527-x
17. Berchicci M, Russo Y, Bianco V, Quinzi F, Rum L, Macaluso A, Committeri G, Vannozzi G, & Di Russo F. (2020). Stepping forward, stepping backward: a movement-related cortical potential study unveils distinctive brain activities. *Behavioural Brain Research* 338, 112663.
18. Berchicci M, Sulpizio V, Mento G, Lucci G, Civale N, Galati G, Pitzalis S, Spinelli D, & Di Russo F. (2020). Prompting future events: Effects of temporal cueing and time on task on brain preparation to action. *Brain and Cognition*, 141 art. no. 105565. doi: 10.1016/j.bandc.2020.105565.
19. Chacko SC, Quinzi F, De Fano A, Bianco V, Mussini E, Berchicci M, Perri RL, Di Russo F. (2019). A single bout of vigorous-intensity aerobic exercise affects reactive, but not proactive cognitive brain functions. *International Journal of Psychophysiology*, 147, 233-243.
20. Bianco V, Berchicci M, Quinzi F, Perri RL, Spinelli D, & Di Russo F. (2019). Females are more proactive; males are more reactive: Neural basis of the gender-related speed/accuracy trade-off in visuo-motor tasks. *Brain Structure and Function*. 225, 187–201.
21. Bianco, V., Perri, R. L., Berchicci, M., Quinzi, F., Spinelli, D., & Di Russo, F. (2019). Modality-specific sensory readiness for upcoming events revealed by slow cortical potentials. *Brain Structure and Function* 225, 149–159.
22. Perri, R. L., Rossani, F., & Di Russo, F. (2019). Neuroelectric evidences of top-down hypnotic modulation associated with somatosensory processing of sensory and limbic regions. *NeuroImage*, 202, 116104
23. Manca AD, Di Russo F, Sigona F, & Grimaldi M. (2019) Electrophysiological evidence of phonemotopic representations of vowels in the primary and secondary auditory cortex. *Cortex*, 121, 385-398.
24. Lucci G, Pisotta I, Berchicci M, Di Russo F, Bonavita J, Scivoletto G, Spinelli D, Molinari (2019). Proactive cortical control in spinal cord injury subjects with paraplegia. *J Neurotrauma*, Online ahead of print doi: 10.1089/neu.2018.6307. [IF 5002, Q1]
25. Di Russo F, Berchicci M, Bianco V, Perri R, Pitzalis S, Quinzi F, Spinelli D. (2019). Normative Event-Related Potentials from sensory and cognitive tasks reveal occipital and frontal activities prior and following visual events. *NeuroImage* 196, 173-187

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26. Perri, R. L., Berchicci, M., Bianco, V., Quinzi, F., Spinelli, D., & Di Russo, F. (2019). Perceptual load in decision making: The role of anterior insula and visual areas. *An ERP study. Neuropsychologia*, 129, 65-71.
27. Quinzi, F., Berchicci, M., Perri, R. L., Bianco, V., Labanca, L., Macaluso A & Di Russo, F (2019). Contribution of cognitive functions to postural control in anticipating self-paced and externally-triggered lower-limb perturbations. *Behavioral Brain Research*, 366, 56-66.
28. Ragazzoni A, Di Russo F, Fabbri S, Pesaresi I, Di Rollo A, Perri RL, Barloscio D, Bocci T, Cosottini M, Sartucci F. (2019). "Hit the missing stimulus". A simultaneous EEG-fMRI study to localize the generators of endogenous ERPs in an omitted target paradigm. *Scientific Reports*, 9(1), 3684.
29. Berchicci M, Ten Brink AF, Quinzi F, Perri RL, Spinelli, D & Di Russo F. (2019). Electrophysiological evidence of sustained spatial attention effects over anterior cortex: Possible contribution of the anterior Insula. *Psychophysiology*, 57(7): e13369.
30. Bufalari I, Sforza AL, Di Russo F, Mannetti L, Aglioti S. (2018). Malleability of the self: electrophysiological correlates of the enfacement illusion. *Scientific Reports*, 9(1), 1682.
31. Russo Y, Berchicci M, Di Russo F, Vannozzi G. (2018). How Different Movement References Influence ERP Related to Gait Initiation? A Comparative Methods' Assessment. *Journal of Neuroscience Methods*, 311, 95-101.
32. Quinzi, F., Perri, R. L., Berchicci, M., Bianco, V., Spinelli, D., & Di Russo, F (2018). The independency of the Bereitschaftspotential from previous stimulus locked P3 in visuo-motor response tasks. *Psychophysiology*, 56(3), e13296.
33. Quinzi, F., Perri, R. L., Berchicci, M., Bianco, V., Pitzalis, S., Zeri, F., & Di Russo, F. (2018). Weak proactive cognitive/motor brain control accounts for poor children's behavioral performance in speeded discrimination tasks. *Biological psychology*, 138, 211-222.
34. Pitzalis S, Strappini F, Bultrini A, & Di Russo F. (2018). Detailed spatiotemporal brain mapping of chromatic vision combining high-resolution VEP with fMRI and retinotopy. *Human Brain Mapping*, 39(7):2868-2886.
35. Perri RL, Berchicci M, Bianco V, Spinelli D & Di Russo F. (2018). Brain waves from an "isolated" cortex: Contribution of the anterior insula to cognitive functions. *Brain Structure and Function*. 223(3):1343-1355
36. Perri RL, Berchicci M, Bianco V, Quinzi F, Spinelli D, & Di Russo F. (2018). Awareness of perception and sensory-motor integration: ERPs from the anterior insula. *Brain Structure and Function*. 223 (8):3577-3592.
37. Di Russo, F. (2018). Insignificant C1 effects cannot be called "marginally significant". *Cognitive Neuroscience* 9(2):70-71.
38. Di Russo F, Berchicci M, Bozzacchi C, Perri RL, Pitzalis S, Spinelli D. (2017). Beyond the "Bereitschaftspotential": Action Preparation Behind Cognitive Functions. *Neuroscience & Biobehavioral Reviews*. 78: 57-81.
39. Perri RL & Di Russo F. (2017). Executive functions and performance variability measured by event-related potentials to understand the neural bases of perceptual decision-making. *Front. Hum. Neurosci.* 11:556
40. Sanchez-Lopez J, Pedersini CA, Di Russo F, Cardobi N, Fonte C, Varalta V, Prior M, Smania N, Savazzi S & Marzi, C. A. (2017). Visually evoked responses from the blind field of hemianopic patients. *Neuropsychologia*. 2019, 128: 127-139
41. Zeri F, Berchicci M, Naroo SA, Pitzalis P & Di Russo F. (2017). Immediate cortical adaptation in visual and non-visual areas functions induced by monovision. *Journal of Physiology* 596 (2): 253-266.
42. Zeri F, Pitzalis S, Di Vizio A, Ruffinatto T, Egizi F, Di Russo F, Armstrong R, Naroo SA. (2017). Refractive error and vision correction in a general sports playing population. *Clinical and Experimental Optometry*. 101 (2):225-236.
43. Bianco V, Berchicci M, Perri RL, Quinzi F, & Di Russo F. (2017). Exercise-Related Cognitive Effects on Sensory-Motor Control in Athletes and Drummers Compared to Non-athletes and Other Musicians. *Neuroscience*, 360: 39-47
44. Bianco V, Berchicci M, Perri RL, Spinelli D, & Di Russo F. (2017). The proactive self-Control of actions: Time-Course of underlying brain activities. *NeuroImage*, 156: 388-393.
45. Berchicci M, Quinzi F, Dainese A & Di Russo F. (2017). Time-source of neural plasticity in complex bimanual coordinative tasks: Juggling. *Behavioural Brain Research*, 328:87-94.
46. Perri RL, Spinelli D & Di Russo F. (2017.) Missing the target: the neural processing underlying the omission error. *Brain Topography*. 30(3): 352-363.
47. Sulpizio V, Lucci G, Berchicci M, Galati G, Pitzalis S, & Di Russo F. (2017). Hemispheric Asymmetries in the Transition from Action Preparation to Execution. *NeuroImage*, 148: 390-402.
48. Bianco V, Di Russo F, Perri RL, Berchicci M (2016). Different Proactive and Reactive Action Control in Fencers' and Boxers' Brain. *Neuroscience*, 20: 260-268
49. Bozzacchi C, Cimmino RL & Di Russo F. (2016). The temporal coupling effect: Preparation and execution of bimanual reaching movements. *Biological Psychology*, 123: 302-309.
50. Perri RL, Berchicci M, Lucci G, Spinelli D & Di Russo F. (2016). How the brain prevents a second error in a perceptual decision making task. *Scientific Reports*, 6: 32058.
51. Berchicci M, Spinelli D. & Di Russo F. (2016). New Insights into Old Waves. Matching Stimulus- and Response-Locked ERPs on the Same Time-Window. *Biological Psychology*, 117: 202-215.
52. Lucci, G., Berchicci, M., Perri, R. L., Spinelli, D., & Di Russo, F. (2016). Effect of target probability on pre-stimulus brain activity. *Neuroscience*, 322, 121-128.
53. Bambini V, Bertini C, Schaeken W, Stella A and Di Russo F (2016). Disentangling metaphor from context: An ERP study. *Frontiers in Psychology* 7:559.
54. Di Russo F, Lucci G, Sulpizio V, Berchicci M, Spinelli D, Pitzalis S, Galati G. (2015). Spatiotemporal Brain Mapping during Preparation, Perception and Action. *NeuroImage*. 126: 1-14.
55. Lunghi C, Berchicci M, Morrone MC, Di Russo F. (2015). Short-term monocular deprivation alters early components of Visual Evoked Potentials. *Journal of Physiology*, 593(19): 4361-4372
56. Lasaponara S, Dragone A, Lecce F, Di Russo F, Doricchi F. (2015). The "serendipitous brain": low expectancy and timing uncertainty of conscious events improve awareness of unconscious ones. *Cortex*, 71: 15-33.

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57. Berchicci M, Lucci G, Spinelli D. & Di Russo F. (2015). Stimulus onset predictability modulates proactive action control in a Go/No-go task. *Front. Behav. Neurosci.* 9:101.
58. Berchicci, M., Pontifex, M. B., Drollette, E. S., Pesce, C., Hillman, C. H., & Di Russo, F. (2015). From cognitive motor preparation to visual processing: The benefits of childhood fitness to brain health. *Neuroscience.* 298: 211-219.
59. Perri RL, Berchicci M, Lucci G, Spinelli D & Di Russo F. (2015). Why do we make mistakes? Neurocognitive processes during the preparation–perception–action cycle and error-detection. *Neuroimage* 113: 320-328.
60. Perri RL, Berchicci M, Lucci G, Spinelli D & Di Russo F. (2014). The Premotor Role of the Prefrontal Cortex in Response Consistency. *Neuropsychology* 29(5): 767-775.
61. Cantagallo A, Di Russo F, Favilla M, Zoccolotti P. (2014). Targeted isometric force impulses in patients with traumatic brain injury reveal delayed motor programming and change of strategy. *Journal of Neurotrauma*, 32(8):563-570.
62. Budini F, Berchicci M, Menotti F, McManus LM, Macaluso A, Di Russo F, Lowery MM, De Vito G. (2014). Alpha band cortico-muscular coherence occurs in healthy individuals during mechanically-induced tremor. *Plos One*, 9(12): e115012.
63. Perri RL, Berchicci M, Spinelli D & Di Russo F. (2014). Individual Differences in Response Speed and Accuracy are Associated to Specific Brain Activities of two Interacting Systems. *Front. Behav. Neurosci.* 8:251.
64. Perri RL, Berchicci M, Lucci G, Cimmino RL, Bello A and Di Russo F. (2014). Getting Ready for an Emotion: Specific Premotor Brain Activities for Self-Administered Emotional Pictures. *Front. Behav. Neurosci.* 8. 197:1-9.
65. Lucci G, Berchicci M, Spinelli D & Di Russo F. (2014). The motor preparation of directionally incompatible movements. *Neuroimage* 91: 33-42.
66. Sánchez-López J, Fernández T, Silva-Pereyra J, Martínez Mesa JA and Di Russo F. (2014). Differences in Visuo-Motor Control in Skilled vs. Novice Martial Arts Athletes during Sustained and Transient Attention Tasks: A Motor-Related Cortical Potential Study. *Plos One*, 9(3): e91112.
67. Berchicci M, Lucci G, Perri, RL, Spinelli D. & Di Russo F. (2014). Benefits of physical exercise on basic visuo-motor functions across age. *Front Aging Neuroscience* 6: 48.
68. Bozzacchi C, Spinelli D, Pitzalis S, Giusti MA & Di Russo F (2014). I know what I will see: action specific motor preparation activity in a passive observation task. *Social Cognitive and Affective Neuroscience* 10(6): 783-789.
69. Menotti F, Berchicci M, Di Russo F, Damiani A, Vitelli S, Macaluso A. (2014). The role of the prefrontal cortex in the development of muscle fatigue in Charcot-Marie-Tooth 1A patients. *Neuromuscular Disorders*, 24(6):516-523
70. Bufalari I, Di Russo F, Aglioti A. (2013). Illusory and Veridical Mapping of Tactile Objects in the Primary Somatosensory and Posterior Parietal Cortex. *Cerebral Cortex*, 24 (7): 1867-1878.
71. Berchicci M, Lucci G, and Di Russo F. (2013). Benefits of Physical Exercise on the Aging Brain: The Role of the Prefrontal Cortex. *J Gerontol A Biol Sci Med Sci.* 68(11):1137-1341.
72. Di Russo F, Berchicci M, Perri LR, Ripani FR & Ripani R. (2013). A passive exoskeleton can push your life up Application on multiple sclerosis patients. *Plos One*, 8(4):e60241.
73. Spitoni GF, Cimmino, RL, Bozzacchi C, Pizzamiglio L & Di Russo F. (2013). Modulation of spontaneous alpha brain rhythms by low-intensity transcranial direct-current stimulation. *Front Hum Neurosci.* 7(529):1-9.
74. Pitzalis S, Sdoia S, Bultrini A, Committeri G, Di Russo F, Fattori P, Galletti C & Galati G. (2013). Selectivity to Translational Egomotion in human brain motion areas. *Plos One*, 8(4):e60241.
75. Di Russo F, Bozzacchi C, Matano A and Spinelli D. (2012). Hemispheric differences in VEPs to lateralised stimuli are a marker of recovery from neglect. *Cortex*, 49:931-939.
76. Berchicci M, Menotti F, Macaluso A, Di Russo F. (2013). The neurophysiology of central and peripheral fatigue during sub-maximal lower limb isometric contractions. *Front Hum Neurosci.* 7(135):1-10.
77. Pitzalis S, Spinelli D, Vallar G & Di Russo F. (2013). Transcutaneous Electrical Nerve stimulation Effects on Neglect: A Visual-Evoked Potential Study. *Front Hum Neurosci.* 7(111):1-9.
78. Lucci G, Berchicci M, Spinelli D, Taddei F and Di Russo F. (2013). The effects of aging on conflict detection. *Plos One*, 8(2):e56566.
79. Pitzalis S, Strappini F, De Gasperis M, Bultrini A and Di Russo F. (2012). Spatio-Temporal Brain Mapping of Motion-Onset VEPs combined with fMRI and Retinotopic Maps. *Plos One*, 7(4):e3577
80. Pitzalis S, Bozzacchi C, Bultrini A, Fattori P, Galletti C & Di Russo F. (2012). Parallel motion signals to the medial and lateral motion areas V6 and MT+. *Neuroimage.* 67:89-100.
81. Wright DJ, Holmes PS, Di Russo F, Loporto M & Smith D. (2012). Movement-related cortical activity differences between experienced and novice musicians. *Human Movement Science* 31(3):567-577.
82. Bozzacchi C, Giusti MA, Pitzalis S, Spinelli D & Di Russo F. (2012). Similar cerebral motor plans for real and virtual actions. *Plos One.* 7(10):e47783
83. Berchicci M, Lucci G, Pesce C, Spinelli D, Di Russo F. (2012). Prefrontal hyperactivity in older people during motor planning. *Neuroimage*, 62(3):1750-1760.
84. Taddei F, Bultrini A, Spinelli D, Di Russo F. (2011). Neural Correlates of Attentional and Executive Processing in Middle-Aged Fencers. *Medicine & Science in Sports & Exercise*, 44(6):1057-1066. [IF 4.106]
85. Wright DJ, Holmes P, Di Russo F, Loporto M & Dave Smith (2012). Evidence for reduced motor cortex activity during movement preparation following a period of motor skill practice. *Plos One*; 7(12):e51886.
86. Berchicci M, Stella A, Pitzalis S, Spinelli D, Di Russo F. (2012). Spatio-temporal mapping of motor preparation for self-paced saccades. *Biological Psychology*, 90:10-17.
87. Bozzacchi C, Giusti MA, Pitzalis S, Spinelli D, Di Russo F. (2012). Awareness affects motor planning for goal-oriented actions. *Biological Psychology*, 89(2):503-514.

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88. Di Russo F, Stella A, Spitoni G, Strappini F, Sdoia S, Galati G, Hillyard SA, Spinelli D and Pitzalis S. (2011). Spatiotemporal Brain Mapping of Spatial Attention Effects on Pattern-Reversal ERPs. *Human Brain Mapping*, 33(6):1334-1351.
89. Di Russo F, Bultrini A, Brunelli S, Delussu AS, Polidori L, Taddei F, Traballes M, Spinelli D. (2010). Benefits of sport participation for executive functions in disabled athletes. *Journal of Neurotrauma* 27: 2309-2319.
90. Giusti MA, Bozzacchi C, Pizzamiglio L & Di Russo F. (2010). Sight and Sound of Actions Share Common Neural Network. *European Journal of Neuroscience*. 32: 1754-1764.
91. Di Russo F. & Spinelli D. (2010). Sport is not Always Healthy: Executive Brain Dysfunction in Professional Boxers. *Psychophysiology*. 47: 425-434.
92. Bianciardi M, Bianchi L, Garreffa G, Abbafati M, Di Russo F, Marciani MG, Macaluso E. (2009). Single epoch analysis of concurrent evoked potentials and fMRI responses during steady state visual stimulation. *Clinical Neurophysiology*. 120: 738-747.
93. Galati, G, Committeri G, Spitoni G, Aprile T, Di Russo F, Pitzalis S & Pizzamiglio L. (2008). A Selective Representation of the Meaning of Actions in the Auditory Mirror System. *NeuroImage*. 40: 1274-1286. [IF 5.74]
94. Di Russo F, Aprile T, Spitoni G, Spinelli D. (2008). Impaired Visual Processing of Contralateral Stimuli in Neglect Patients: A Visual-Evoked Potential Study. *Brain*. 131: 842-854.
95. Bufalari I, Aprile T, Avenanti A, Di Russo F and Aglioti SM. (2007). Empathy for pain and touch in the human somatosensory cortex. *Cerebral Cortex*. 17: 2553-2561.
96. Di Russo F, Pitzalis S, Aprile T, Spitoni G, Patria F, Stella A, Spinelli D, Hillyard SA. (2007). Spatio-Temporal Analysis of the Cortical Sources of the Steady-State Visual Evoked Potential. *Human Brain Mapping*. 28: 323-334.
97. Di Russo F, Taddei F, Aprile T, Spinelli D. (2006). Neural correlates of fast stimulus discrimination and response selection in top-level fencers. *Neuroscience Letters*. 408: 113-118.
98. Di Russo F, Committeri G, Pitzalis S, Spitoni G, Piccardi L, Galati G, Catagni M, Nico D, Guariglia C and Pizzamiglio L. (2006). Cortical Plasticity Following Surgical Extension of Lower Limbs. *NeuroImage*. 30:172-183.
99. Morrillo M, Di Russo F, Pitzalis S, Spinelli D. (2006). Latency of pro-saccades and anti-saccades in professional shooters. *Medicine & Science in Sports & Exercise*. 38: 388-394.
100. Martínez A, Teder-Sälejärvi W, Vazquez M, Molholm S, Foxe JJ, Javitt DC, Di Russo F, Worden MS and Hillyard SA. (2006). Objects are Highlighted by Spatial Attention. *Journal of Cognitive Neuroscience*. 18:298-310.
101. McDonald JJ, Teder-Sälejärvi WA, Di Russo, F and Hillyard SA. (2006). Neural Basis of Auditory-Induced Shifts in Visual Time-Order Perception. *Nature Neuroscience*. 8: 1197-1202.