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Decreto Rettore Università di Roma "La Sapienza" n. 3227/2021 del 02.12.2021

STEFANO LASAPONARA
Curriculum Vitae

Rome
21/01/2022

Part I – General Information

Full Name	Stefano Lasaponara
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	

Part II – Education

Type	Year	Institution	Notes (Degree, Experience…)
University graduation	2009	Sapienza University of Rome	Master Degree "Diagnosi e Riabilitazione dei disturbi cognitivi" 110 cum laude
Post-graduate studies	2009	University of Granada (Spain)	8 months Research experience in the EEG Lab. coordinated by Prof. J.Lupianez;
Pre-doctorate training	2009	IRCCS Fondazione Santa Lucia (Rome)	1 year Research Experience in neuroimaging department headed by prof. Emiliano Macaluso
PhD	2013	Sapienza University of Rome	PhD in Cognitive Neuroscience (XXV cycle)
Licensure	2018	MIUR	Abilitazione Scientifica Nazionale (ASN) settore 11/E1 professore di II fascia

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
01/06/2020	31/05/2022	Sapienza University of Rome – Department of Psychology	Research fellow (L.240/2010). Project title: "Contingenze probabilistiche ambientali e codifica delle grandezze spaziali, temporali e numeriche: misure comportamentali, elettrofisiologiche e fMRI"
01/04/2019	31/03/2020	Sapienza University of Rome – Department of Psychology	Research fellow (L.240/2010). Project title: "Effetti della contingenza probabilistica globale e locale in pazienti con lesioni cerebrali e nell'invecchiamento normale."
01/04/2015	31/03/2016	Sapienza University of Rome – Department of Psychology	Research fellow (L.240/2010). Project title: "Attention and predictive coding in brain damage: implications for neuropsychological diagnosis and rehabilitation."
01/10/2016	Present time	LUMSA University (Rome) – Department of Human Sciences	Adjunct professor
01/10/2016	01/09/2019	Catholic University of the Sacred Heart (Rome) – Medicine & Surgery	Adjunct professor
01/11/2014	01/09/2019	E-Campus University – Faculty of Psychology	Teaching Assistant

IIIB – Other Appointments

Start	End	Institution	Position
01/01/2013	31/12/2013	IRCCS Fondazione Santa Lucia (Rome) – Lab of Neuropsychology of attention	Scholarship Project title: Componenti preparatorie e predittive dell'orientamento della attenzione spaziale in pazienti cerebrolesi destri
01/01/2014	31/12/2014	IRCCS Fondazione Santa Lucia (Rome) – Lab of Neuropsychology of attention	Post-doc scholarship Project title: doc. Project title: Correlati elettrofisiologici dell'orientamento predittivo dell'attenzione e dell'apprendimento al rinforzo nelle lesioni cerebrali destre

02/01/2017	31/12/2017	IRCCS Fondazione Santa Lucia (Rome) – Lab of Neuropsychology of attention	Post-doc scholarship Project title: Componenti spaziali e componenti di aspettativa nel ri-orientamento dell'attenzione: contributo differenziale delle aree parietali superiori ed inferiori
02/01/2018	31/12/2018	IRCCS Fondazione Santa Lucia (Rome) – Lab of Neuropsychology of attention	Post-doc scholarship Project title: Componenti percettive e produttive della distorsione rappresentativa dello spazio nei cerebrolesi destri. Effetti della contingenzaprobabilistica globale e locale sulla Mismatch Negativity (MMN) in pazienti eminegligenti

Part IVa – Teaching experience

Year	Institution	Lecture/Course
AA 2016/17	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 6 CFU; 40 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psychobiology (M-PSI/02; 6 CFU; 30 hours; English language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
AA 2017/18	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 6 CFU; 40 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psychobiology (M-PSI/02; 6 CFU; 30 hours; English language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
AA 2018/19	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 12 CFU; 80 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psychobiology (M-PSI/02; 6 CFU; 30 hours; English language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
AA 2019/20	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 12 CFU; 80 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psychobiology (M-PSI/02; 6 CFU; 30 hours; English language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
AA 2020/21	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 12 CFU; 80 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psicologia dei processi decisionali in ambiti organizzativi (M-PSI/02; 6 CFU; 40 hours; Italian language) – CdL LM51 - Psicologia del Lavoro e del Benessere Organizzativo (First year);

AA 2021/22	LUMSA University (Rome)	Psicobiologia (M-PSI/02; 6 CFU; 40 hours; Italian language) – CdL L24 Scienze e Tecniche Psicologiche (First year);
		Psicologia dei processi decisionali in ambiti organizzativi (M-PSI/02; 6 CFU; 40 hours; Italian language) – CdL LM51 - Psicologia del Lavoro e del Benessere Organizzativo (First year);
AA 2016/17	Catholic University of the Sacred Heart (Rome) – Medicine & Surgery	General psychology (M-PSI/01; 2 CFU; 24 hours; English language) – CdL Medicine and Surgery (Second year);
		Medical and Health Psychology Foundation Practicals I (M-PSI/08; 2 CFU; 3 hours; English language) – CdL Medicine and Surgery (First year);
		Medical and Health Psychology Practicals (M-PSI/08; 2 CFU; 8 hours; English language) – CdL Medicine and Surgery (Third year);
AA 2017/18	Catholic University of the Sacred Heart (Rome) – Medicine & Surgery	General psychology (M-PSI/01; 2 CFU; 24 hours; English language) – CdL Medicine and Surgery (Second year);
		Medical and Health Psychology Foundation Practicals I (M-PSI/08; 2 CFU; 3 hours; English language) – CdL Medicine and Surgery (First year);
		Medical and Health Psychology (M-PSI/08; 2 CFU; 6 hours; English language) – CdL Medicine and Surgery (Third year);
AA 2018/19	Catholic University of the Sacred Heart (Rome) – Medicine & Surgery	General psychology (M-PSI/01; 2 CFU; 22 hours; English language) – CdL Medicine and Surgery (Second year);
		Medical and Health Psychology (M-PSI/08; 2 CFU; 6 hours; English language) – CdL Medicine and Surgery (Third year);
AA 2019/20	Scuola di Specializzazione in Psicoterapia Psicosomatica (SSPS) – Ospedale Cristo Re; Consorzio Humanitas	Tecniche di neuroimaging per la valutazione clinica e pre-clinica (2 CFU)
AA 2021/22	Master Universitario di I livello in Psicomotricità – Consorzio Humanitas	Neurofisiologia e Neurofisiopatologia (2 CFU)

Part IVb – Supervisor experience

AA 2017/18 – present time	LUMSA University (Rome)	Supervisor of the final thesis for 65 bachelor's and master's degree students

Part V - Society memberships, Awards and Honors

Year	Title
2021 – present time	Regular member of the Italian Society of Psychophysiology (SIPF), Membership ID: 61762407.
2013 - 2014	Regular member of the Society for Neuroscience (SfN), Membership ID: 210488560.
2012	Prize: Premio "*De Renzi*" provided by Società Italiana di Neuropsicologia (SINP) for the best oral contribution of 2010-2012 annual meetings.
2009	Prize: Best poster at Rovereto Attention Workshop (RAW) 2009.
2013	Scholarship awarded by IRCCS Fondazione Santa Lucia (Lab of Neuropsychology of attention).
2014	Post-Doc scholarship awarded by IRCCS Fondazione Santa Lucia (Lab of Neuropsychology of attention).
2017	Post-Doc scholarship awarded by IRCCS Fondazione Santa Lucia (Lab of Neuropsychology of attention).
2018	Post-Doc scholarship awarded by IRCCS Fondazione Santa Lucia (Lab of Neuropsychology of attention).
2021	Member of the Journal Topics Board for Brain Sciences (ISSN 2076-3425)
2021	Guest Editor of the Special Issue " Novel Understandings in Visual Awareness and Spatial Neglect" for Brain Sciences journal (ISSN 2076-3425). https://www.mdpi.com/journal/brainsci/special_issues/spatial_neglect

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2021	Principal Investigator (PI) - Project title: Effetti dei tratti stabili di temperamento e dei suoi correlati psico-biologici, sull'orientamento ed il ri-orientamento della attenzione visuo-spaziale.	Sapienza Avvio alla ricerca	2000 €
2020	Principal Investigator (PI) - Project title: Basi neurali dell'associazione mentale fra spazio e numeri: uno studio fMRI	Sapienza Avvio alla ricerca	2000 €

Part VII – Research Activities

Keywords	Brief Description
EEG Attention & Awareness Neuropsychology Predictive Coding Spatial Neglect	My main field of interest in research regards the neural correlates of the orienting of spatial attention and the relationship between attention and visual awareness. I also developed a specific interest in how probabilistic and temporal expectations drive and influence our ability to orient attention and become aware of upcoming stimuli. I approached this issue by studying healthy subjects and neurological right-brain damaged patients with spatial neglect, using different techniques such as EEG, fMRI, and pupil size measurement. Other secondary interests in research, regards the field of mathematical cognition and its relationship with spatial features, time cognition and the influence of emotional and cognitive bias on decision making.
	Main competencies: Excellent skills in the use of electrophysiological techniques: EEG acquisition and analysis (EGI, Brain Recorder, Brain Analyzer, G-Recorder, Brainstorm, Netstation). Excellent skills in the use of neurophysiological technique: fMRI, fNIRS and TMS utilization and data acquisition/analysis. Excellent skills in the acquisition and analysis of autonomic measures of Pupil Diameter and Eye Tracking data. Excellent use of software for experimental presentation (E-Prime, OpenSesame), lesion mapping and neuro-navigation (MRIcro, MRIcron, Register, Display, SofTaxic), stastical analysis of behavioural and neuroimaging data (Statistica, SPSS, SPM, Marsbar).

Part VIII – Poster presentations, Oral presentations, and organization of symposia

EWCN Bressanone 2009: A.B. Chica, J.Lupianez, **S.Lasaponara** F.Doricchi, P.Bartolomeo – Exogenous attention enhances conscious detection **(Poster)**.

RAW Rovereto 2009: A.B. Chica, J.Lupianez, **S.Lasaponara** F.Doricchi - Effects of exogenous attention on conscious perception **(Poster)**.

EWCN Bressanone 2010: F.Doricchi, **S.Lasaponara**, A.Chica, E.Macci, M.Silvetti, J.Lupianez, E.Macaluso - Variations in the predictiveness of endogenous cues selectively modulate attentional costs: a psychophysical fMRI – ERP study **(Poster)**.

EWCN Bressanone 2011: **S.Lasaponara**, A.B.Chica, F.Lecce, J.Lupianez, F.Doricchi. - Selective drop of attentional costs in spatially uncertain environments **(Poster)**.

RAW Rovereto 2011: **S.Lasaponara**, M.Silvetti, A.B.Chica, F.Lecce, J.Lupianez, F.Doricchi - fMRI and ERPs evidence for selective drop in attentional costs in uncertain visuospatial environments **(Poster)**.

SINP Bologna 2011: **S.Lasaponara**, M.Silvetti, A.B.Chica, F.Lecce, J.Lupianez, F.Doricchi - fMRI and ERPs evidence for selective drop in attentional costs in uncertain visuospatial environments (**Oral presentation**).

SINP Roma 2012: F.Lecce, **S.Lasaponara**, E.Macaluso, F.Doricchi - Correlati neurali dei processi attentivi e decisionali riguardanti la codifica dello spazio e della numerosità **(Poster)**.

SINP Roma 2012: **S.Lasaponara**, A.Dragone, F.Lecce, F.Di Russo, F.Doricchi – L'incertezza modula l'elaborazione visiva pre-conscia: uno studio ERP (**Oral presentation**).

EWCN Bressanone 2013: **S.Lasaponara**, A.Dragone, F.Lecce, F.Di Russo, F.Doricchi – The Serendipitous Brain: Uncertainty modulates preconscious processing (**Oral presentation**).

AIP Roma 2013: **S.Lasaponara**, A.Dragone, F.Lecce, F.Di Russo, F.Doricchi – L'incertezza modula l'elaborazione visiva pre-conscia: uno studio ERP (**Oral presentation**).
RAW Rovereto 2013: **S.Lasaponara**, A.Dragone, F.Lecce, F.Di Russo, F.Doricchi – The "serendipitous brain": timing uncertainty and low expectancy improve conscious visual processing **(Poster)**.

AIP Roma 2013 – XIX congresso di psicologia sperimentale: **Lasaponara S**, Dragone A, Lecce F, Di Russo F, Fabrizio F - L'incertezza temporale e la bassa aspettativa migliorano l'elaborazione visiva cosciente: uno studio ERP. (**Oral presentation**).

EWCN Bressanone 2015: Dragone A, **Lasaponara S**, Silvetti M, Lecce F, Antonucci G, Macaluso E, Doricchi F - Selective reorienting response of the left hemisphere to "invalid" targets in the right side of space: relevance for the spatial neglect syndrome. **(Poster)**.

Annual Meeting SfN (Society for Neuroscience) Chicago 2015: Doricchi F, Silvetti M, Dragone A, **Lasaponara S**, Macaluso E - Selective reorienting response of the left hemisphere to invalid visual targets in the right side of space. **(Poster)**.

RAW Rovereto 2015: A.Dragone, **S.Lasaponara**, M.Silvetti, E.Macaluso, F.Doricchi - Selective reorienting response of the left hemisphere to invalid visual targets in the right side of space **(Poster)**.

SINP Padova 2015: **S.Lasaponara**, A.Dragone, M.D'Onofrio, F.Rotondaro, A.Matano, D.Bueti, F.Doricchi - Alterazione delle componenti attenzionali tardive nei pazienti con eminegligenza: dissociazione funzionale tra P3a e P3b. (**Oral presentation**).

EWCN Bressanone 2016: A.Dragone, M.Pinto, F.Rotondaro, **S.Lasaponara**, M. De Luca, F.Doricchi - Pupillometry reveals changes in attentional control due to the probabilistic task-context **(Poster)**.

EWCN Bressanone 2016: **S.Lasaponara**, A.Dragone, M.D'Onofrio, D.Bueti, F.Doricchi - Late attentional processes in spatial neglect: functional dissociation between P3a and P3b ERP components (**Oral presentation**).

EWCN Bressanone 2017: **S.Lasaponara**, M.D'Onofrio, A.Dragone, M.Pinto, L.Caratelli, F.Doricchi Changes in predictive cuing modulate the hemispheric distribution of the P1 inhibitory response to attentional targets **(Poster)**.

Festival Internazionale delle Neuroscienze del mediterraneo (1^ edizione) 2017: **S.Lasaponara**. The "serendipitous brain": timing uncertainty and low expectancy improve conscious visual processing (**Invited Oral presentation**).

EWCN Bressanone 2018: **S.Lasaponara**, A.Dragone, M. Pellegrino, F. Marson, M.Pinto, M.Silvetti, D.Bueti, F.Doricchi. Expectancy Modulates Pupil Dilation During Endogenous Orienting and Exogenous Re-Orienting of Spatial Attention: A Study with isoluminant stimuli (**Oral presentation**).

VII Congresso Società Italiana di Neuropsicologia (SINP) 2018: **S.Lasaponara**, M.Pinto, M.Aiello, F.Tomaiuolo, F.Doricchi - La distribuzione emisferica dell'attivit EEG-alfa durante l'orientamento dell'attenzione in pazienti eminegligenti. (**Oral presentation**).

EWCN Bressanone 2019: **S.Lasaponara**, M.Pinto, M.Aiello, F.Tomaiuolo & F.Doricchi. The hemispheric distribution of α-band EEG activity during orienting of attention in patients with left spatial neglect. **(Poster)**.

Organization for Human Brain Mapping 2019 (OHBM): F.Doricchi, M.Pinto, F.Tomaiuolo & **S.Lasaponara**. Dissecting spatial neglect with the EEG **(Poster)**.

FESN Milano 2019: **S. Lasaponara**, M. Pinto, M. D'Onofrio, M. Aiello, F. Tomaiuolo, F. Doricchi. Dissecting spatial neglect with the EEG **(Poster)**.

EWCN 2020: **S. Lasaponara**, Pinto, Pellegrino, Marson, Caratelli, Doricchi. Deconstructing re-orienting of attention and inspecting the brain's attentional brake: cue predictiveness modulates the inhibition of the no-target side and the hemispheric distribution of the P1 response to invalid targets. (**Oral presentation**)

SIPF 2021: **S. Lasaponara**, M. Pinto, M. Pellegrino, F. Marson Assisi, M. Aiello, S. Campana, F. Tomaiuolo, F. Doricchi. Deficits of hierarchical predictive coding in left spatial neglect. **(Poster)**.

Organization of symposia

Lasaponara, S., Casagrande, M., & Doricchi, F. New issues in attentional control.
In *Cognitive Processing* (Vol. 19, pp. S22-S22). TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY: SPRINGER HEIDELBERG.
(Abstract from the accepted symposium in the 7th International Conference on Spatial Cognition – ICSC)

Part IX – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	34	Scopus	2010	2021
Papers [international]	28	Scopus	2016	2021
Papers [international]	35	Web of Science	2010	2021
Papers [international]	29	Web of Science	2016	2021

Total Impact factor	131.13
Total Citations	354 (Scopus)
Average Citations per Product	10.4 (Scopus; 354/34)
Hirsch (H) index	12 (Scopus)
Normalized H index*	1

*H index divided by the academic seniority.

Part X– Selected Publications (last 5 years: 2016 - 2021)
List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

1) **Lasaponara, S.**, D'Onofrio, M., Pinto, M., Aiello, M., Pellegrino, M., Scozia, G., ... & Doricchi, F. (2021). Individual EEG profiling of attention deficits in left spatial neglect: A pilot study. *Neuroscience Letters*, *761*, 136097.

IF: 3.046

Citations: 0

2) Doricchi, F., Pinto, M., Pellegrino, M., Marson, F., Aiello, M., Campana, S., ... & **Lasaponara, S.** (2021). Deficits of hierarchical predictive coding in left spatial neglect. *Brain communications*, *3*(2), fcab111.

IF: n/a

Citations: 2

3) Tomaiuolo, F., Campana, S., Voci, L., **Lasaponara, S.**, Doricchi, F., & Petrides, M. (2021). The Precentral Insular Cortical Network for Speech Articulation. *Cerebral Cortex*.

IF: 5.357

Citations: 0

4) **Lasaponara, S.**, Marson, F., Doricchi, F., & Cavallo, M. (2021). A Scoping Review of Cognitive Training in Neurodegenerative Diseases via Computerized and Virtual Reality Tools: What We Know So Far. *Brain Sciences*, *11*(5), 528.

IF: 3.394

Citations: 3

5) Pinto, M., Pellegrino, M., **Lasaponara, S.**, Scozia, G., D'Onofrio, M., Raffa, G., ... & Doricchi, F. (2021). Number space is made by response space: Evidence from left spatial neglect. *Neuropsychologia*, *154*, 107773.

IF: 3.139

Citations: 1

6) Marson, F., **Lasaponara, S.**, & Cavallo, M. (2021). A scoping review of neuromodulation techniques in neurodegenerative diseases: A useful tool for clinical practice?. *Medicina*, *57*(3), 215.

IF: 2.430

Citations: 2

7) **Lasaponara, S.**, Fortunato, G., Conversi, D., Pellegrino, M., Pinto, M., Collins, D. L., ... & Doricchi, F. (2021). Pupil dilation during orienting of attention and conscious detection of visual targets in patients with left spatial neglect. *Cortex*, *134*, 265-277.

IF: 4.027

Citations: 2

8) **Lasaponara, S.**, Pinto, M., Scozia, G., Pellegrino, M., D'Onofrio, M., Isabella, R., & Doricchi, F. (2020). Pre-motor deficits in left spatial neglect: An EEG study on Contingent Negative Variation (CNV) and response-related beta oscillatory activity. *Neuropsychologia*, *147*, 107572.

IF: 3.139

Citations: 0

9) **Lasaponara, S.**, Pinto, M., Pellegrino, M., Caratelli, L., Rossi-Arnaud, C., Cestari, V., ... & Doricchi, F. (2020). Spatial uncertainty improves the distribution of visual attention and the availability of sensory information for conscious report. *Experimental Brain Research*, *238*(9), 2031-2040.

IF: 1.972

Citations: 0

10) Doricchi, F., Pellegrino, M., Marson, F., Pinto, M., Caratelli, L., Cestari, V., ... & **Lasaponara, S.** (2020). Deconstructing Reorienting of Attention: Cue Predictiveness Modulates the Inhibition of the No-target Side and the Hemispheric Distribution of the P1 Response to Invalid Targets. *Journal of cognitive neuroscience*, *32*(6), 1046-1060.

IF: 3.225

Citations: 1

11) Pinto, M., Pellegrino, M., Marson, F., **Lasaponara, S.**, & Doricchi, F. (2019). Reconstructing the origins of the space-number association: spatial and number-magnitude codes must be used jointly to elicit spatially organised mental number lines. *Cognition*, *190*, 143-156.

IF: 3.294

Citations: 13

12) **Lasaponara, S.**, Fortunato, G., Dragone, A., Pellegrino, M., Marson, F., Silvetti, M., ... & Doricchi, F. (2019). Expectancy modulates pupil size both during endogenous orienting and during re-orienting of spatial attention: A study with isoluminant stimuli. *European Journal of Neuroscience*, *50*(5), 2893-2904.

IF: 3.115

Citations: 6

13) **Lasaponara, S.**, Pinto, M., Aiello, M., Tomaiuolo, F., & Doricchi, F. (2019). The hemispheric distribution of α-band EEG activity during orienting of attention in patients with reduced awareness of the left side of space (spatial neglect). *Journal of Neuroscience*, *39*(22), 4332-4343.

IF: 5.673

Citations: 7

14) **Lasaponara, S.**, Glicksohn, J., Mauro, F., & Ben-Soussan, T. D. (2019). Contingent negative variation and P3 modulations following mindful movement training. *Progress in brain research*, *244*, 101-114.

IF: 1.746

Citations: 5

15) Dragone, A., **Lasaponara, S.**, Pinto, M., Rotondaro, F., De Luca, M., & Doricchi, F. (2018). Expectancy modulates pupil size during endogenous orienting of spatial attention. *Cortex*, *102*, 57-66.

IF: 4.275

Citations: 12

16) **Lasaponara, S.**, D'Onofrio, M., Pinto, M., Dragone, A., Menicagli, D., Bueti, D., ... & Doricchi, F. (2018). EEG correlates of preparatory orienting, contextual updating, and inhibition of sensory processing in left spatial neglect. *Journal of Neuroscience*, *38*(15), 3792-3808.

IF: 6.074

Citations: 15

17) Pinto, M., Fattorini, E., **Lasaponara, S.**, D'Onofrio, M., Fortunato, G., & Doricchi, F. (2018). Visualising numerals: An ERPs study with the attentional SNARC task. *Cortex*, *101*, 1-15.

IF: 4.275

Citations: 14

18) **Lasaponara, S.**, Mauro, F., Carducci, F., Paoletti, P., Tombini, M., Quattrocchi, C. C., ... & Ben-Soussan, T. D. (2017). Increased alpha band functional connectivity following the Quadrato Motor Training: a longitudinal study. *Frontiers in human neuroscience*, *11*, 282.

IF: 2.870

Citations: 10

19) **Lasaponara, S.**, D'Onofrio, M., Dragone, A., Pinto, M., Caratelli, L., & Doricchi, F. (2017). Changes in predictive cuing modulate the hemispheric distribution of the P1 inhibitory response to attentional targets. *Neuropsychologia*, *99*, 156-164.

IF: 2.888

Citations: 14

20) Silvetti, M., **Lasaponara, S.**, Lecce, F., Dragone, A., Macaluso, E., & Doricchi, F. (2016). The response of the left ventral attentional system to invalid targets and its implication for the spatial neglect syndrome: a multivariate fMRI investigation. Cerebral Cortex, 26(12), 4551-4562.

IF: 6.559

Citations: 23

Part XI – Complete list of publications (2010-2021)
Publications in international indexed and peer-reviewed journals

1. Pellegrino, M., Pinto, M., Marson, F., **Lasaponara, S.**, & Doricchi, F. (2021). Perceiving numerosity does not cause automatic shifts of spatial attention. *Experimental Brain Research*, *239*(10), 3023-3034.

2. **Lasaponara, S.**, D'Onofrio, M., Pinto, M., Aiello, M., Pellegrino, M., Scozia, G., ... & Doricchi, F. (2021). Individual EEG profiling of attention deficits in left spatial neglect: A pilot study. *Neuroscience Letters*, *761*, 136097.

3. **Lasaponara, S.**, Marson, F., Doricchi, F., & Cavallo, M. (2021). A Scoping Review of Cognitive Training in Neurodegenerative Diseases via Computerized and Virtual Reality Tools: What We Know So Far. *Brain Sciences*, *11*(5), 528.

4. Pinto, M., Pellegrino, M., **Lasaponara, S.**, Scozia, G., D'Onofrio, M., Raffa, G., ... & Doricchi, F. (2021). Number space is made by response space: Evidence from left spatial neglect. *Neuropsychologia*, *154*, 107773.

5. Tomaiuolo, F., Campana, S., Voci, L., **Lasaponara, S.**, Doricchi, F., & Petrides, M. (2021). The Precentral Insular Cortical Network for Speech Articulation. *Cerebral Cortex*.

6. Costanzi, M., Cianfanelli, B., Santirocchi, A., **Lasaponara, S.**, Spataro, P., Rossi-Arnaud, C., & Cestari, V. (2021). Forgetting Unwanted Memories: Active Forgetting and Implications for the Development of Psychological Disorders. *Journal of Personalized Medicine*, *11*(4), 241.

7. Marson, F., **Lasaponara, S.**, & Cavallo, M. (2021). A scoping review of neuromodulation techniques in neurodegenerative diseases: A useful tool for clinical practice?. *Medicina*, *57*(3), 215.

8. Doricchi, F., Pinto, M., Pellegrino, M., Marson, F., Aiello, M., Campana, S., ... & **Lasaponara, S.** (2021). Deficits of hierarchical predictive coding in left spatial neglect. *Brain communications*, *3*(2), fcab111.

9. **Lasaponara, S.**, Fortunato, G., Conversi, D., Pellegrino, M., Pinto, M., Collins, D. L., ... & Doricchi, F. (2021). Pupil dilation during orienting of attention and conscious detection of visual targets in patients with left spatial neglect. *Cortex*, *134*, 265-277.

10. Pinto, M., Pellegrino, M., Marson, F., **Lasaponara, S.**, Cestari, V., D'Onofrio, M., & Doricchi, F. (2021). How to trigger and keep stable directional Space–Number Associations (SNAs). *Cortex*, *134*, 253-264.

11. **Lasaponara, S.**, Pinto, M., Scozia, G., Pellegrino, M., D'Onofrio, M., Isabella, R., & Doricchi, F. (2020). Pre-motor deficits in left spatial neglect: An EEG study on Contingent Negative Variation (CNV) and response-related beta oscillatory activity. *Neuropsychologia*, *147*, 107572.

12. **Lasaponara, S.**, Pinto, M., Pellegrino, M., Caratelli, L., Rossi-Arnaud, C., Cestari, V., ... & Doricchi, F. (2020). Spatial uncertainty improves the distribution of visual attention and the availability of sensory information for conscious report. *Experimental Brain Research*, *238*(9), 2031-2040.

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