

Prof. Alessandro Angrilli- short CV

Personal information	
Family name / First name	Angrilli Alessandro
Date of birth	
Email	alessandro.angrilli@unipd.it
Tel.	

Education
1997 - PhD in Experimental Psychology (4-year duration), Department of General Psychology, University of Padova, Italy. Title of the PhD thesis: "Psychophysiology of emotions"

Current position(s)
2015-now - Full Professor in Psychobiology and Physiological Psychology, Dept. of General Psychology, University of Padova, Italy.

Previous position(s)
2001-2015 - Associate Professor in Psychobiology and Physiological Psychology, SSD M-PSI/02 - 11/E1, Dept. of General Psychology, University of Padova, Italy.
1998-2001- Assistant Professor in Psychobiology and Physiological Psychology, SSD M-PSI/02 - 11/E1, Dept. of General Psychology, University of Padova, Italy.

Prizes, Awards, Academy memberships
Award of AIP (Italian Association of Psychology) for the best PhD thesis, year 1997

Fellowships & Grants
1997-1998 – two-year Post-doc fellowship Marie Curie (TMR Training and mobility of researchers). Project title: "Cortical plasticity and language reorganization in aphasic patients after stroke", Dept. of Psychology, University of Konstanz, Germany.

Funded Projects

- 2024-2026 - Project PRIN 2022 funded from MIUR entitled "Perseverative thoughts and Rumination as transdiagnostic symptoms associated with altered brain connectivity in mood disorders", two Local Units, Principal Investigator: Alessandro Angrilli;
- 2024-2026 - project ASI-MUR "Space-it Up", Spoke 9, two PhD fellowships dedicated to effects of space environment on brain and cognition.
- 2007-2008 - Project PRIN 2006 funded from MIUR entitled "Individual differences in the behavioral activation and inhibition systems and in the decision making: an Event-Related Potential study". two Local Units. Principal Investigator: Alessandro Angrilli;
- 2005-2008 – 3-year ASI (Agenzia Spaziale Italiana) Title: "Influence of microgravity on cortical activity and mental performance of astronauts. Role played by cardiovascular system and baroreceptors". Principal Investigator: Alessandro Angrilli. The project was under ASI DCMC (Disturbi del Controllo Motorio e Cardio-respiratorio) National Coordinator Prof. Laquaniti;
- 2003-2004 Project COFIN 2003 entitled "Study of normal and pathological linguistic processes by means of Evoked Potentials", with three Local Units. Principal Investigator: Alessandro Angrilli;
- 2003 - Project funded by Agenzia Spaziale Italiana ASI I/R/288/02 Title: "Effetti della microgravità su attenzione, memoria, performance mentale: studio dei correlati psicofisiologici" Principal Investigator: Alessandro Angrilli;

ResearchTopics

- blink rate as an ecological index of fatigue, attention and emotion;
- psychophysiological emotional responses in personality traits;
- brain plasticity in patients with neurological lesions and in psychiatric disorders;
- psychophysiological effects of nutraceuticals and food supplements;

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- psychophysiological effects of sensory deprivation in astronauts;
 - effects of microgravity on mental performance, cognition, and emotion in astronauts;
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Supervision of graduate students and postdoctoral fellows

1998-Now - Number of Post-doc 6/ Number of PhD 15/Number of Master Students 283. Dept. of General Psychology, University of Padova, Italy

Teaching activities

2021- Scuola Galileiana (UniPD), Class of "Fundamentals on drugs action and their psychotropic effects" 30 h
2020- now - Class of "Psychophysiology of Cognitive and Emotional Processes" 9-CFU 63-h, Master Course in Neurosciences and Clinical Neuropsychology, Dept of General Psychology, University of Padova;
2008- now – Class of “Psychopharmacology, Drugs and Addiction”, 9-CFU 63-h, Master Course in Clinical Psychology, Dept of General Psychology, University of Padova;
2011-2019 – Class of “Psychobiology” 9-CFU 63-h, as Associate Professor and Full Professor, Dept. of General Psychology, University of Padova;
1997-1998 – Class of “Clinical Neuropsychology of focal brain lesions”, 28-h, Post-doc Marie Curie position, Master Course in Clinical Psychology, University of Konstanz, Germany;
1998 - 2010 – Class of “Anatomic-physiological foundations of psychic activity”, 60-h as Assistant Professor and Associate Professor, Psychology Faculty, University of Padova;
2003 – 2007 – Class of “Neuropsychobiology”, 20 h, Medicine Faculty, Motor Sciences Course;
2013 – Class of “Human Electroencephalography and Evoked Potentials in Research and Clinical Diagnosis” 2 CFU, 14-h, English Master Course of CN2-Cognitive Neuroscience and Clinical Neuropsychology, University of Padova.

Institutional activity

2021- now: Coordinator of the CPR - Commissione Permanente della Ricerca - Dept of General Psychology
2013- now: Head of the Psychophysiology Research Group and Labs, Dept. of General Psychology, University of Padova;
2002 - now - Head of the MBP-Lab - Microgravity and Brain Plasticity Lab - Dept. of General Psychology;
2013- now - Head of Laboratories of Psychophysiology (four labs including the MBP-Lab);
2013 – 2021: Department Delegate for the laboratories; Dept. of General Psychology, University of Padova;
2018- 2019: member of both the Executive and the Board of the PhD Course in Neurosciences, in the Padova Neuroscience Center – PNC.
2014-2017: Delegate for Security of Workers University Committee (RLS – Rappresentante dei Lavoratori per la Sicurezza), professors representative; University of Padova;
2011 – 2013: Coordinator of the PhD Program in Experimental and Clinical Psychobiology; Dept. of General Psychology, University of Padova;
2004- 2012: Member of the University Scientific Committee, Psychology Section (Area 17); University of Padova;

Commissions of trust

2018- 2024- Member of the PhD Grant Evaluation Panel N. SBGM10, FWO Foundation, Bruxelles
2009 – now: Associate Editor – BMC Neuroscience ISSN 1471-2202
2016 – now: Associate Editor – Scientific Reports (Nature PG) ISSN 2045-2322
2020 – now: Associate Editor – Symmetry ISSN: 2073-8994
2004 – 2020: Associate Editor – Biological Psychology ISSN 0301-0511
2009 and 2019– Project evaluation for Wellcome Trust. Grant Application GA 09/09
2012 – foreign member in a panel for PhD thesis evaluation, Victoria University of Wellington, New Zealand;

Memberships of scientific societies

2011- now: CISAS – Interdepartmental Centre for Studies and Space Activities, University of Padova;
2017- now: member of the PNC – Padova Neuroscience Center, University of Padova.
2016-now : IOP - International Organization for Psychophysiology;
2002- 2018: member of the IN-CNR Institute of Neuroscience - National Research Council, Pisa;
1998 - 2010: MCFA - Marie Curie Fellows Association - Full member – European association collecting

past TMR Marie Curie fellows, Bruxelles;
2008- 2015 : APS - Association for Psychological Science (USA);
1998 - 2017: SPR - Society for Psychophysiological Research (USA);

Major collaborations

- Prof. Dante Mantini, University of Louvain, Bruxelles.
 - Prof. Dr. Paul Pauli, Institute of Psychology, University of Wuerzburg, Germany;
 - Prof. Dr. Christopher Patrick, Dept. of Psychology, Florida State University, FL, USA;
 - Prof. Timothy J. Crow, Dept. of Psychiatry, University of Oxford, UK;
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List of 20 selected publications in international peer-reviewed journals

Scopus metrics: Articles= 98 Tot Cit= 3838 H=36

Google Scholar (PoP) metrics: Articles= 138 Tot Cit= 6472 H=44

Romeo, Z., Angrilli, A., Spironelli, C. (2024). Gender effect in affective processing: Alpha EEG source analysis on emotional slides and film-clips. *Psychophysiology*, 61, 1-14. e14568 - <https://doi.org/10.1111/psyp.14568>.

Romeo, Z., Marco, M., Angrilli, A., Semenzato, I., Favaro, A., Magnolfi, G., Padovan, G.B., Mantini, D., Spironelli, C. (2023). Altered language network lateralization in euthymic bipolar patients: a pilot study. *Translational Psychiatry*, vol. 12, 435, ISSN: 2158-3188, doi: 10.1038/s41398-022-02202-7

Romeo, Z., Marco, M., Angrilli, A., Semenzato, I., Favaro, A., Magnolfi, G., Padovan, G.B., Mantini, D., Spironelli, C. (2022). Altered language network lateralization in euthymic bipolar patients: a pilot study. *Translational Psychiatry*, vol. 12, 435, ISSN: 2158-3188, doi: 10.1038/s41398-022-02202-7

Maffei, A., Angrilli, A. (2019). Spontaneous blink rate as an index of attention and emotion during film clips viewing. *Physiology & Behavior*, 204, 256-263.

Maffei, A., Angrilli, A. (2018). Spontaneous eye blink rate: An index of dopaminergic component of sustained attention and fatigue. *International Journal of Psychophysiology*, 123, 58-63.

Spironelli, C., Angrilli, A. (2017). Supine posture affects cortical plasticity in elderly but not young women during a word learning/recognition task. *Biological Psychology*, 127, 180-190.

Fardo, F., Jegindø E.E., Allen, M., Angrilli, A., Roepstorff, A. (2015). Neurocognitive evidence for mental imagery-driven hypoalgesic and hyperalgesic pain regulation. *NeuroImage*, 120, 350-361.

Spironelli, C., Angrilli, A. (2015). Brain plasticity in aphasic patients: intra- and interhemispheric reorganisation of the whole linguistic network probed by N150 and N350 components. *Scientific Reports*, 5, 1-14. doi: 10.1038/srep12541

Spironelli, C., Segrè, D., Stegagno, L., Angrilli, A. (2014). Intelligence and psychopathy: a correlation study on insane female offenders. *Psychological Medicine*, 44, 111-116.

Bianchin, M., Angrilli, A. (2012). Gender differences in emotional responses: a Psychophysiological study. *Physiology & Behavior*, 105, 925-932.

Spironelli, C., Angrilli, A., Calogero, A., Stegagno, L. (2011). Delta EEG band as a marker of left hypofrontality for language in schizophrenia patients. *Schizophrenia Bulletin*, 37, 757-767.

Spironelli, C., Penolazzi, B., Vio, C., Angrilli, A. (2010). Cortical reorganisation in dyslexic children after phonological training: evidence from early evoked potentials. *Brain*, 133, 3385-3395.

Angrilli, A., Spironelli, C., Elbert, T., Crow, T.J., Marano, G., Stegagno, L. (2009). Schizophrenia as failure of left hemispheric dominance for the phonological component of language. *PLoS ONE*, 4, 1-9. doi: 10.1371/journal.pone.0004507

Spironelli, C., Angrilli, A. (2009). Developmental aspects of automatic word processing: language lateralization of early ERP components in children, young adults and middle-aged subjects *Biological Psychology*, 80, 35-45.

Spironelli, C., Angrilli, A., Stegagno, L. (2008). Failure of language lateralization in schizophrenia patients: an ERP study on early linguistic components. *Journal of Psychiatry & Neuroscience*, 33, 235-243.

Spironelli, C., Angrilli, A., Pertile, M. (2008). Language plasticity in aphasics after recovery: evidence from slow evoked potentials. *NeuroImage*, 40, 912-922.

Angrilli, A., Elbert, T., Cusumano, S., Stegagno, L., Rockstroh, B. (2003). Temporal dynamics of linguistic processes are reorganized in aphasics' cortex: an EEG mapping study. *NeuroImage*, 20, 657-666.

Angrilli, A., Mauri, A., Palomba, D., Flor, H., Birbaumer, N., Sartori, G., Di Paola, F. (1996). Startle reflex and emotion modulation impairment after right amygdala lesion. *Brain*, 119, 1991-2000.

Angrilli, A., Cherubini, P., Pavese, A., Manfredini, S. (1997). The influence of affective factors on time perception. *Perception & Psychophysics*, 59, 972-982.

Palomba, D., Angrilli, A., Mini, A. (1997). Visual evoked potentials, heart rate responses and memory to emotional pictorial stimuli. *International Journal of Psychophysiology*, 27, 55-67.

Data: Padova, 10-12-2024

Firma:

