

CURRICULUM VITAE - Nicola Canessa (12/4/24)

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***CURRENT POSITIONS

Since February 2024: Full professor of Neuropsychology and Cognitive Neuroscience (M-PSI/02), University School for Advanced Studies IUSS-Pavia, Italy;

October 2023-present: Head of the Department of Humanities and Life Sciences, University School for Advanced Studies IUSS Pavia;

2022-Present: Member of the Academic Senate (IUSS)

2019-Present: Head, Biomedical Sciences sector (IUSS)

2017-present: Director of the IUSS-Maugeri Cognitive Neuroscience Laboratory (IRCCS Maugeri, Pavia).

***CURRENT TEACHING ACTIVITIES

Teaching to undergraduate students: Neuroscience of decision-making (IUSS and Università degli Studi di Pavia); Social cognitive neuroscience, Affective neuroscience, Research Methods in Cognitive Neuroscience, Social and brain connections (IUSS).

Advanced teaching to PhD students (IUSS): Neuroscience of decision-making; Social Neuroscience; Research methods in cognitive neuroscience.

***CURRENT and PAST INSTITUTIONAL POSITIONS and RESPONSIBILITIES

2018-2023: Vice-head, Department of Humanities and Life Sciences (IUSS)

2018-2023: Chair of the Joint Student Teacher Committee (Commissione Paritetica Docenti-Studenti) (IUSS)

2019-Present: Member of the Technical-Scientific Committee of IRCCS ICS Maugeri-Pavia

2017-Present: Member of the selection committee for PhD School admission (PhD in Cognitive Neuroscience and Philosophy of Mind; PhD in Cognitive Brain Sciences; PhD in Sustainable Development and Climate Change; IUSS)

2015-Present: Member of the PhD Board, PhD in Cognitive Neuroscience and Philosophy of Mind (IUSS)

2022-Present: Member of the PhD Board, PhD in Cognitive Brain Sciences (IUSS-Università degli Studi di Pavia)

October 2020-Present: Vice-coordinator of the PhD program in Cognitive Neuroscience and Philosophy of Mind (IUSS)

October 2020-March 2021: Pro-Rector for PhD programs (IUSS)

2012-2013: Member of the Committee for Erasmus projects (Vita-Salute San Raffaele University)

***CURRENT RESEARCH ACTIVITIES

My research activity is mainly focused on the neural bases of cognitive functions, and particularly social cognition, decision-making and executive functioning in normal and pathological conditions (e.g., brain injury, dementia, addiction and other neuro-psychiatric disorders), with behavioral, neuroimaging (MRI-fMRI, EEG), neuromodulation (tDCS, TMS), brain training techniques, and their combination. These aims are grounded in the notion that a real advancement of knowledge in cognitive neurosciences requires a continuous integration between correlational evidence provided by neuroimaging techniques and causal evidence provided by neuromodulation techniques and/or the observation of cognitive impairments in pathological conditions.

***SCIENTIFIC PRODUCTION and DISSEMINATION (see details below)

Published articles on international indexed peer-reviewed journals: 80 (18 as first or co-first author; 25 as last or corresponding author)

Published book-chapters: 11

Curatorship: 1 book

Educational books and articles: 6

Invited talks: 35

***BIBLIOMETRIC INDICES

Scopus (ID: 24334215800): h-index: 31; total citations: 3688

Google Scholar: h-index: 36; i10 index: 58; total citations: 5941

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Web of Science ResearcherID: K-3223-2016

***SCIENTIFIC SOCIETIES

- Italian Society of Neuropsychology (SINP) (since January 2021)
- Italian Society of Neuroethics (2017-18)

*** QUALIFICATIONS

- Qualified as psychologist and registered to the professional register of psychologists (Ordine Psicologi Lombardia- OPL) since 2009 (#12570)

***PARTICIPATION IN FUNDED PROJECTS

- Principal investigator for of the PNRR-2023 project "Innovative neuromodulation treatments for chronic pain: assessing and predicting the effects of personalized High-Definition protocols for transcranial Direct Current Stimulation (HD-tDCS)" funded by the Italian Minister of Health with €1.000.000 (4 units)
- Co-investigator in the Cariplo 2009/10 project "Formazione Universitaria d'Eccellenza: applicazioni neuro-scientifiche per la formazione nella gestione dell'innovazione e della sostenibilità" (Bocconi University and Vita-Salute San Raffaele University, 36 months)
- Co-investigator in the PRIN 2010-11 project "I meccanismi neurocognitivi alla base delle interazioni sociali" (Vita-Salute San Raffaele University Unit, 36 months)

***MANAGEMENT OF INTERNAL FUNDS

- Principal investigator for the sub-projects in the Neuroeconomics and Social Neuroscience areas within the strategic project "IUSS 2.0. Dalla Gestione dei Rischi alla Neurocognizione" (2016)
- Principal investigator for the sub-projects "Technological development of the IUSS-Maugeri Cognitive Neuroscience Lab", "Neuroeconomics" and "Social Neuroscience" within the strategic project "Next: Piano di potenziamento della ricerca IUSS nelle neuroscienze cognitive" (2018)

***CONSULTING ACTIVITIES

- Participation in research-projects funded by Banca Prossima (2015), Allianz Bank (2017), Havas (2021) within the activities of the IUSS "Reputation lab"

***EDITORIAL AND REVIEWING ACTIVITIES

Participation in editorial boards

Associate Editor for Scientific Reports (sections Neuroscience, Psychology); Associate Editor for Frontiers in Psychology-Neuropsychology (since June 2019) and Frontiers in Psychology-Cognition (since June 2020); Review Editor for Frontiers in Psychology-Cognition (since December 2016).

Reviewing activity for scientific journals

JAMA, Cerebral Cortex, Neuroimage, Neuroimage: clinical, Human Brain Mapping, Neuroscience & Biobehavioral Reviews, Brain Structure and Function, Scientific Reports, Addiction Biology, Neurology: Clinical Practice; Brain and Cognition, Brain and Behavior, Brain imaging and behavior, Neuropsychologia, Neural Plasticity, SCAN, Brain Research, Frontiers in Human Neuroscience, Journal of Neural Transmission, Frontiers in Behavioral Neuroscience, Frontiers in Aging Neuroscience, Frontiers in Psychology, Cortex, PLoS ONE, Heliyon, Behavioural Brain Research, Neuropsychiatry, Social Neuroscience, Behavioral Neurology, American Journal of Neuroradiology, Sleep Medicine, Neurological Sciences, Brain Sciences, Progress in Neuropsychopharmacology & Biological Psychiatry, Giornale Italiano di Psicologia, Psicologia Sociale, Journal of Cognitive Psychology.

Reviewing activity for funding agencies

Ministero Istruzione Università Ricerca for PRIN (2012-onwards), SIR and Rita Levi-Montalcini (2014) projects; Agence nationale de la recherche (ANR, Francia) years 2009-2011, 2018; Health Research Board (Ireland) 2013; DAAD – German Academic Exchange Service (2015, 2017); European Research Council (ERC;2016); Israel Science Foundation (2017); HFSP Career Development Award (2018); European Science Foundation (2019-2024).

***AWARDS AND ACKNOWLEDGMENTS

- Trainee abstract travel award (1000\$) for the annual meeting of the Organization of Human Brain Mapping, June 2008, Melbourne;
- Fellowship Ingenio-Regione Lombardia (8.000 Euro) supporting research activity, 2007;
- Postgraduate fellowships from SISSA (Trieste) (2006) and Vita-Salute San Raffaele University (Milan) (2006-2010);
- Undergraduate fellowship (4 years) from the Department of Neuroscience, University of Parma, Italy (2002-2006);
- Fellowship for the workshop in Experimental Economics (organizer: Nobel-Prize Vernon Smith) at the Economic Science Laboratory (ESL) of the University of Arizona, USA (2000);

***WORKING-EXPERIENCE

2010-2014

Assistant professor (M-PSI/05), Vita-Salute San Raffaele University, Faculty of Psychology, Milan; position confirmed for 3 years from March 1st 2013.

- Teaching and supervision of undergraduate and graduate students. Assistant Professor in Social psychology (2010-2014), Social cognition (Social Cognitive Neuroscience; 2010-2014), Social psychology of learning and motivation (Affective Neuroscience; 2010-2014), Cognitive psychology (2010), Psychophysiology (2010) and Fundamental Neuroscience (2010).

- Design and performance of cognitive and neuroimaging studies on the neural bases of social cognition and decision-making processes in healthy and pathological conditions.

2013

Teaching assignment on “Nuove tecniche di neuroimaging applicate alla neuropsicologia” at the International School for Advanced Studies (SISSA), Trieste, Italy

2009

Adjunct professor of Neuroeconomics, Vita-Salute San Raffaele University, Faculty of Psychology, Milan

2006-2010

Postdoctoral fellow in cognitive neuroscience, Vita-Salute San Raffaele University, Faculty of Psychology, Milan

2006

Post-doc in Cognitive Neuroscience, International School for Advanced Studies (SISSA), Trieste. Neuropsychological studies on the neural representation of action processing

2001-2010

Teaching assistant (“cultore della materia”) for the following courses: General psychology (2001-03), Psychology of reasoning (2001-05), Elements of neuroscience (2006-08), Cognitive economics (2006-08), Social psychology (2010) at the Vita-Salute San Raffaele University, Milan.

***EDUCATION

- 2002-2006: Ph.D in Neuroscience, University of Parma, Italy. Dissertation on “Neuroimaging evidence on the neural correlates of action and functional knowledge in semantic memory”. Final result: Excellent.

- 1996-2001: 5-years degree in Experimental Psychology, San Raffaele University, Milan. Dissertation on “The neural bases of social cognition”. Final result: Summa cum Laude.

- July-August 2000: workshop in Experimental Economics (organizer: Nobel-Prize Vernon Smith), Economic Science Laboratory (ESL) of the University of Arizona, USA.

*** PEER-REVIEWED SCIENTIFIC PAPERS

Mattavelli G, Pirone R, Gianelli C, Canessa N (ongoing). Modulating Inhibitory Capacity with tDCS: A pre-registered Comparison of High Definition and Conventional Montages on the Stop Signal Task. Accepted Registered Report on PCI Registered Reports

Maiocchi C, Canessa N, Sozzi S, Mattavelli G, Nardone A, Gianelli C (ongoing): Dual-task effects of walking-speed on inhibitory control and decision-making under risk. Accepted Registered Report on Scientific Reports

Mitolo M, Smirni D, De Marco M, Canessa N, Palermo S. (2024). Editorial: Rising stars in neuropsychology 2021. *Frontiers in Psychology*, 15, 1382852, <https://doi.org/10.3389/fpsyg.2024.1382852>.

Amanzio, M., Cipriani, G. E., Canessa, N., Borghesi, F., Chirico, A., & Cipresso, P. (2023). A unique neuropsychophysiological approach to objectify emotion (dys)regulation in healthy older adults during the COVID-19 pandemic. *Scientific Reports*, 13(1), 23093. <https://doi.org/10.1038/s41598-023-50310-1>

Gerosa, M., Canessa, N., Morawetz, C., & Mattavelli, G. (2023). Cognitive reappraisal of food craving and emotions: A coordinate-based meta-analysis of fMRI studies. *Social Cognitive and Affective Neuroscience*, nsad077. <https://doi.org/10.1093/scan/nsad077>

Gianelli, C., Kühne, K., Miklashevsky, A., Jeglinski-Mende, M., Canessa, N., & Borghi, A. M. (2023). COVID-19 and the Perceived Dangerousness of Everyday Objects: A Behavioural Online Study in Italy and Germany. *Collabra: Psychology*, 9(1), 89171. <https://doi.org/10.1525/collabra.89171>

De Francesco S, Crema C, Archetti D, Muscio C, Reid RI, Nigri A, Bruzzone MG, Tagliavini F, Lodi R, D’Angelo E, Boeve B, Kantarci K, Firbank M, Taylor J-P, Tiraboschi P, Redolfi A, for the ADNI, Frontotemporal Lobar Degeneration

Neuroimaging; NIA Alzheimer's Disease Centers; and the RIN – Neuroimaging Network, Bruzzone MG, Tiraboschi P, Gandini Wheeler-Kingshott CAM, Tosetti M, Forloni G, Redolfi A, D'Angelo E, Tagliavini F, Lodi R, Agati R, Aiello M, Alberici E, Amato C, Aquino D, Arrigoni F, Baglio F, Biagi L, Bonanno L, Bosco P, Bottino F, Bozzali M, Canessa N, Carducci C, Carne I, Carnevale L, Castellano A, Cavaliere C, Colnaghi M, Contarino VE, Conte G, Costagli M, Demichelis G, De Francesco S, Falini A, Ferraro S, Ferrazzi G, Figà Talamanca L, Fundarò C, Gaudino S, Ghielmetti F, Gianeri R, Giulietti G, Grimaldi M, Iadanza A, Inglese M, Laganà MM, Lancione M, Levrero F, Longo D, Lucignani G, Lucignani M, Malosio ML, Manzo V, Marino S, Medina JP, Micotti E, Morelli C, Muscio C, Napolitano A, Nigri A, Padelli F, Palesi F, Pantano P, Parrillo C, Pavone L, Peruzzo D, Petsas N, Pichiechio A, Pirastru A, Politi LS, Roccatagliata L, Rognone E, Rossi A, Rossi-Espagnet MC, Ruvolo C, Salvatore M, Savini G, Tagliente E, Testa C, Tonon C, Tortora D, Triulzi FM (2023): Differential diagnosis of neurodegenerative dementias with the explainable MRI based machine learning algorithm MUQUBIA. *Sci Rep* 13:17355.

- Gorrino I, Canessa N, Mattavelli G (2023): Testing the effect of high-definition transcranial direct current stimulation of the insular cortex to modulate decision-making and executive control. *Front Behav Neurosci* 17:1234837.
- Mattavelli G, Gorrino I, Tornaghi D, Canessa N (2023): Cognitive and motor impulsivity in the healthy brain, and implications for eating disorders and obesity: a coordinate-based meta-analysis and systematic review. *Cortex*:S0010945223002605.
- Borghesi F, Chirico A, Pedrolì E, Cipriani GE, Canessa N, Amanzio M, Cipresso P (2023): Exploring Biomarkers of Mental Flexibility in Healthy Aging: A Computational Psychometric Study. *Sensors* 23:6983, doi:10.3390/s23156983
- Canessa N, Iozzino L, Andreose S, Castelletti L, Conte G, Dvorak A, Ferrari C, Heitzman J, Macis A, Markiewicz I, Mattavelli G, Nicolò G, Picchioni M, Restuccia G, Rivellini G, Teti F, De Girolamo G (2023): Risk aversion in Italian forensic and non-forensic patients with schizophrenia spectrum disorders. Ed. Ayse Ulgen. *PLoS ONE* 18:e0289152, doi: 10.1371/journal.pone.0289152
- Lo Presti S, Origlia S, Gianelli C, Canessa N (2023): Cognition, body, and mind: A three-in-one coordinate-based fMRI meta-analysis on cognitive, physical, and meditative trainings. *Human Brain Mapping* 44:3795–3814, doi: doi: 10.1002/hbm.26312
- Arioli M, Basso G, Mattioni L, Poggi P, Canessa N (2023). Neural bases of loss aversion when choosing for oneself vs. known or unknown others. *Cerebral Cortex* May 24;33(11):7120-7135. doi: 10.1093/cercor/bhad025
- Arioli M, Cattaneo Z, Parimbelli S, Canessa N. Relational vs. representational social cognitive processing: a coordinate-based meta-analysis of neuroimaging data (2023). *Social Cognitive and Affective Neuroscience (SCAN)*, doi: 10.1093/scan/nsad003
- Canessa, N., Basso, G., Manera, M., Poggi, P., Gianelli, C. (2023) Functional Coherence in Intrinsic Frontal Executive Networks Predicts Cognitive Impairments in Alcohol Use Disorder, *Brain Sciences*, 13(1):45, doi: 10.3390/brainsci13010045.
- Conca, F., Esposito, V., Rundo, F., Quaranta, D., Muscio, C., Manenti, R., Caruso, G., Lucca, U., Galbussera, A.A., Di Tella, S., Baglio, F., L'Abbate, F., Canu, E., Catania, V., Filippi, M., Mattavelli, G., Poletti, B., Silani, V., Lodi, R., De Matteis, M., Stanzani Maserati, M., Arighi, A., Rotondo, E., Tanzilli, A., Pace, A., Garramone, F., Cavaliere, C., Pardini, M., Rizzetto, C., Sorbi, S., Perri, R., Tiraboschi, P., Canessa, N., Cotelli, M., Ferri, R., Weintraub, S., Marra, C., Tagliavini, F., Catricalà, E., Cappa, S.F., 2022. Italian adaptation of the Uniform Data Set Neuropsychological Test Battery (I-UDSNB 1.0): development and normative data. *Alz Res Therapy* 14, 113. <https://doi.org/10.1186/s13195-022-01056-x>
- Iozzino, L., Canessa, N., Rucci, P., Iommi, M., Dvorak, A., Heitzman, J., Markiewicz, I., Picchioni, M., Pilszyk, A., Wancata, J., de Girolamo, G., Castelletti, L., Galluzzo, A., Nicolò, G., Restuccia, G., Rivellini, G., Teti, F., Rossi, G., Gosek, P., 2022. Decision-making and risk-taking in forensic and non-forensic patients with schizophrenia spectrum disorders: A multicenter European study. *Schizophrenia Research: Cognition* 29, 100257. <https://doi.org/10.1016/j.scog.2022.100257>
- Canessa, N., Basso, G., Poggi, P., Gianelli, C., 2022. Altered striatal-opercular intrinsic connectivity reflects decreased aversion to losses in alcohol use disorder. *Neuropsychologia* 108258. <https://doi.org/10.1016/j.neuropsychologia.2022.108258>
- Mattavelli, G., Lo Presti, S., Tornaghi, D., Canessa, N., 2022. High-definition transcranial direct current stimulation of the dorsal anterior cingulate cortex modulates decision-making and executive control. *Brain Struct Funct*. <https://doi.org/10.1007/s00429-022-02456-3>
- Lo Presti, S., Mattavelli, G., Canessa, N., Gianelli, C. Risk perception and behaviour during the COVID-19 pandemic: Predicting variables of compliance with lockdown measures. *PLoS ONE*, 2022, 17(1 January), e0262319
- Iozzino L, Harvey PD, Canessa N, et al. Neurocognition and social cognition in patients with schizophrenia spectrum disorders with and without a history of violence: results of a multinational European study. *Transl Psychiatry*. 2021;11(1):620. doi:10.1038/s41398-021-01749-1

- Gianelli C, Maiocchi C, Canessa N. (2021). Action fluency in Parkinson's disease: a mini-review and viewpoint. *Frontiers in Aging Neuroscience*
- Canessa N, Basso G, Carne I, Poggi P, Gianelli C. Oct 1;11(1):19581. Increased decision latency in alcohol use disorder reflects altered resting-state synchrony in the anterior salience network. *Scientific Reports*, doi: 10.1038/s41598-021-99211-1.
- Lo Presti, S., Mattavelli, G., Canessa, N., Gianelli, C. 2021 November, 182, 111090. Psychological precursors of individual differences in COVID-19 lockdown adherence: Moderated-moderation by personality and moral cognition measures. *Personality and Individual Differences*, doi: <https://doi.org/10.1016/j.paid.2021.111090>, November 1 2021
- Gianelli C, Basso G, Manera M, Poggi P, Canessa N. 2021 Aug 7:e13088. Posterior fronto-medial atrophy reflects decreased loss aversion, but not executive impairment, in alcohol use disorder. *Addiction Biology*, doi: 10.1111/adb.13088. Online ahead of print. PMID: 34363622, August 7 2021
- Arioli M, Cattaneo Z, Ricciardi E, Canessa N. 2021 Oct 1;42(14):4777-4804. Overlapping and specific neural correlates for empathizing, affective mentalizing, and cognitive mentalizing: A coordinate-based meta-analytic study. *Human Brain Mapping*, doi: 10.1002/hbm.25570. Epub 2021 Jul 29. PMID: 34322943, July 29 2021
- Salsone M, Caligiuri ME, Castronovo V, Canessa N, Marelli S, Quattrone A, Quattrone A, Ferini-Strambi L. 2021 Jul 1. Microstructural changes in normal-appearing white matter in male sleep apnea patients are reversible after treatment: A pilot study. *Journal of Neuroscience Research*, doi: 10.1002/jnr.24858. Online ahead of print. PMID: 34197014, July 1 2021
- Amanzio M*, Canessa N*, Bartoli M, Cipriani GE, Palermo S, Cappa SF. 2021 May 24;12:685180. Lockdown Effects on Healthy Cognitive Aging During the COVID-19 Pandemic: A Longitudinal Study. *Frontiers in Psychology*, doi: 10.3389/fpsyg.2021.685180. eCollection 2021. PMID: 34108923, May 24, 2021
- Bartoli M*, Canessa N*, Cipriani GE, Cappa SF, Amanzio M. 2021 May 29;18(11):5847. The Role of Neuropsychological Factors in Perceived Threat of SARS-CoV-2 in Healthy Ageing. *Int J Environ Res Public Health*, doi: 10.3390/ijerph18115847. PMID: 34072431, May 29 2021
- Arioli M, Basso G, Carne I, Poggi P, Canessa N. (2020) Increased pSTS activity and decreased pSTS-mPFC connectivity when processing negative social interactions. *Behavioural Brain Research*, <https://doi.org/10.1016/j.bbr.2020.113027>, February 5 2021
- Arioli M, Basso G, Poggi P, Canessa N. (2020) Fronto-temporal brain activity and connectivity track implicit attention to positive and negative social words in a novel socio-emotional Stroop task. *Neuroimage*, <https://doi.org/10.1016/j.neuroimage.2020.117580>, February 1 2021
- Arioli M., Gianelli C., Canessa N. (2020) Neural representation of social concepts: a coordinate-based meta-analysis of fMRI studies. *Brain Imaging and Behavior*, <https://doi.org/10.1007/s11682-020-00384-6>, September 8 2020
- Galandra C., C. Crespi, Basso G., Canessa N. (2020) Impaired learning from regret and disappointment in alcohol use disorder. *Scientific Reports*, 287, July 21 2020
- Brusoni, S., Laureiro Martinez, D., Canessa, N., Zollo, M. (2020) Exploring exploration: the role of affective states as forces that hinder change. *Industrial and Corporate Change*, 29:207–223, December 31 2019
- Galandra, C., Crespi, C., Basso, G., Manera, M., Giorgi, I., Poggi, P., & Canessa, N. (2020). Decreased information processing speed and decision-making performance in alcohol use disorder: combined neurostructural evidence from VBM and TBSS. *Brain Imaging and Behavior*, March 2 2020.
- Crespi, C., Galandra, C., Manera, M., Basso, G., Poggi, P., Canessa, N. (2019) Executive Impairment in Alcohol Use Disorder Reflects Structural Changes in Large-Scale Brain Networks: A Joint Independent Component Analysis on Gray-Matter and White-Matter Features. *Frontiers in Psychology*, 10, November 26 2019.
- Crespi, C., Galandra, C., Canessa, N., Manera, M., Poggi, P., & Basso, G. (2020). Microstructural damage of white-matter tracts connecting large-scale networks is related to impaired executive profile in Alcohol Use Disorder. *Neuroimage Clinical*. doi: 10.1016/j.nicl.2019.102141, December 23 2019
- Rolandi, E., Dodich, A., Galluzzi, S., Ferrari, C., Mandelli, S., Ribaldi, F., . . . Cavedo, E. (2019). Randomized controlled trial on the efficacy of a multilevel non-pharmacologic intervention in older adults with subjective memory decline: design and baseline findings of the E.Mu.N.I. study. *Aging Clin Exp Res*. doi: 10.1007/s40520-019-01403-3, December 23 2020.
- Arioli, M., Canessa, N. (2019) Neural processing of social interaction: Coordinate-based meta-analytic evidence from human neuroimaging studies. *Human brain mapping*, 40:3712-3737, September 1 2019.
- Galandra, C., Basso, G., Manera, M., Crespi, C., Giorgi, I., Vittadini, G., . . . Canessa, N. (2019). Abnormal fronto-striatal intrinsic connectivity reflects executive dysfunction in alcohol use disorders. *Cortex*, 115, 27-42. doi: 10.1016/j.cortex.2019.01.004, January 23 2019
- Dodich, A., Zollo, M., Crespi, C., Cappa, S. F., Laureiro Martinez, D., Falini, A., & Canessa, N. (2019). Short-term Sahaja Yoga meditation training modulates brain structure and spontaneous activity in the executive control network. *Brain Behav*, 9(1), e01159. doi: 10.1002/brb3.1159, November 28 2018

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- Galandra, C., Basso, G., Manera, M., Crespi, C., Giorgi, I., Vittadini, G., . . . Canessa, N. (2018). Salience network structural integrity predicts executive impairment in alcohol use disorders. *Sci Rep*, 8(1), 14481. doi: 10.1038/s41598-018-32828-x, September 27 2018
- Galandra, C., Basso, G., Cappa, S., & Canessa, N. (2018). The alcoholic brain: neural bases of impaired reward-based decision-making in alcohol use disorders. *Neurol Sci*, 39(3), 423-435. doi: 10.1007/s10072-017-3205-1
- Crespi, C., Laureiro-Martinez, D., Dodich, A., Cappa, S. F., Brusoni, S., Zollo, M., . . . Canessa, N. (2018). Improving innovative decision-making: Training-induced changes in fronto-parietal networks. *Brain Cogn*, 128, 46-55. doi: 10.1016/j.bandc.2018.11.004
- Crespi, C., Dodich, A., Cappa, S. F., Canessa, N., Iannaccone, S., Corbo, M., . . . Cerami, C. (2018). Multimodal MRI quantification of the common neurostructural bases within the FTD-ALS continuum. *Neurobiol Aging*, 62, 95-104. doi: 10.1016/j.neurobiolaging.2017.09.019
- Canessa, N., Castronovo, V., Cappa, S. F., Marelli, S., Iadanza, A., Falini, A., & Ferini-Strambi, L. (2018). Sleep apnea: Altered brain connectivity underlying a working-memory challenge. *Neuroimage Clin*, 19, 56-65. doi: 10.1016/j.nicl.2018.03.036
- Arioli, M., Perani, D., Cappa, S., Proverbio, A. M., Zani, A., Falini, A., & Canessa, N. (2018). Affective and cooperative social interactions modulate effective connectivity within and between the mirror and mentalizing systems. *Hum Brain Mapp*, 39(3), 1412-1427. doi: 10.1002/hbm.23930
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- Dodich, A., Cerami, C., Iannaccone, S., Marcone, A., Alongi, P., Crespi, C., . . . Perani, D. (2016). Neuropsychological and FDG-PET profiles in VGKC autoimmune limbic encephalitis. *Brain Cogn*, 108, 81-87. doi: 10.1016/j.bandc.2016.07.010
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- Crespi, C., Cerami, C., Dodich, A., Canessa, N., Iannaccone, S., Corbo, M., . . . Cappa, S. F. (2016). Microstructural Correlates of Emotional Attribution Impairment in Non-Demented Patients with Amyotrophic Lateral Sclerosis. *PLoS One*, 11(8), e0161034. doi: 10.1371/journal.pone.0161034
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- Laureiro-Martínez, D., Brusoni, S., Canessa, N., & Zollo, M. (2015). Understanding the exploration–exploitation dilemma: An fMRI study of attention control and decision-making performance. *Strategic Management Journal*, 36(3), 319-338.
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