1. Selvaggi P*, **Pergola G***, Gelao B, Di Carlo P, Nettis MA, Amico G, Fazio L, Rampino A, Sambataro F, Blasi G, Bertolino A. (In press). Genetic Variation of a DRD2 Co-Expression Network is Associated with Changes in Prefrontal Function After D2 Receptors Stimulation. *Cerebral Cortex.* doi: 10.1093/cercor/bhy022 ***equal contribution as first authors.**

2. Chen Q, Ursini G, Mezeivtch K, Xiao E, **Pergola G**, Blasi G, Callicott JH, Straub RE, Berman K, Bertolino A, Mattay VS, Weinberger DR. (In press) Schizophrenia Polygenic Risk Score Predicts Hippocampal Function in Healthy Volunteers. *Brain.* doi: 10.1093/brain/awy004.

3. Monaco A, Monda A, Amoroso N, Bertolino A, Blasi G, Di Carlo P, Papalino M, **Pergola G**, Tangaro S, Bellotti R. (2018). A complex network approach reveals pivotal sub-structure of genes for Schizophrenia. *PLoS ONE* 13(1):e0190110. doi: 10.1371/journal.pone.0190110.

4. Lombardi A, Tangaro S, Bellotti R, Bertolino A, Blasi G, **Pergola G**, Taurisano P, Guaragnella C. (2017). A Novel Synchronization-based Approach for Functional Connectivity Analysis. *Complexity.* doi: 10.1155/2017/7190758.

5. **Pergola G**, Foroni F, Mengotti P, Argiris G, Rumiati RI (2017). A neural signature of food semantics is associated with body-mass index. *Biological Psychology* 129:282-292. doi: 10.1016/j.biopsycho.2017.09.001.

6. *Quarto T, Paparella I, De Tullio D, Viscanti G, Fazio L, Taurisano P, Romano R, Rampino A, Masellis R, Selvaggi P, **Pergola G**, Bertolino A, Blasi G (In press; online 2017). Familial risk and a genome-wide supported DRD2 variant for schizophrenia predict lateral prefrontal-amygdala effective connectivity during emotion processing. Schizophrenia Bulletin. doi: 10.1093/schbul/sbx128.*

7. Moberget T, Doan NT, Alnæs D, Kaufmann T, Córdova Palomera A, Lagerberg TV, Diedrichsen J, Schwarz E, Zink M, Eisenacher E, Kirsch P, Jönsson EG, Fatouros-Bergman H, Flyckt L, KaSP, **Pergola G**, Quarto T, Bertolino A, Barch D, Meyer-Lindenberg A, Agartz I, Andreassen OA, Westlye LT (In press; online 2017). Cerebellar volume and cerebello-cerebral structural covariance in schizophrenia - a multi-site mega-analysis of 983 patients and 1349 healthy controls. *Molecular Psychiatry.* doi: 10.1038/mp.2017.106.

8. Rampino A, Taurisano P, Attrotto MT, Fanelli G, Miccolis G, **Pergola G**, Di Carlo P, Ursini G, Romano R, Antonucci LA, Masellis R, Torretta S, Blasi G, Bertolino A. (2017). A Polygenic Risk Score of glutamatergic SNPs associated with schizophrenia predicts attentional behavior and related brain activity in healthy humans.. *European Neuropsychopharmacology* 27(9):928-939.

9. Monda A, Amoroso N, Altomare Basile TM, Bellotti R, Bertolino A, Blasi G, Di Carlo P, Fanizzi A, La Rocca M, Maggipinto T, Monaco A, Papalino M, **Pergola G**, Tangaro S. (2017). *Topological Complex Networks Properties for Gene Community Detection Strategy: DRD2 Case Study.* Book chapter: Emergent Complexity from Nonlinearity, in Physics, Engineering and the Life Sciences, pp.199-208.

10. **Pergola G**, Trizio S, Di Carlo P, Taurisano P, Mancini M, Amoroso N, Nettis MA, Andriola I, Caforio G, Popolizio T, Rampino A, Di Giorgio A, Bertolino A, Blasi G (2017). Grey Matter Volume Patterns in Thalamic Nuclei are Associated with Familial Risk for Schizophrenia. *Schizophrenia Research* 180:13-20.

11. **Pergola G**, Di Carlo P, D'Ambrosio E, Monda A, Papalino M, Scozia G, Pietrangelo B, Fazio L, Gelao B, Attrotto MT, Apud JA, Chen Q, Mattay VS, Rampino A, Caforio G, Weinberger DR, Blasi G, Bertolino A. (2017). *DRD2* Co-expression Network and a related Polygenic Index predict Phenotypes linked to Schizophrenia. *Translational Psychiatry* 7(1):e1006.

12. Rampino A, Di Carlo P, Fazio L, Ursini G, **Pergola G**, De Virgilio C, Gadaleta G, Giordano G, Bertolino A, Blasi G. (2017). Association of functional genetic variation in PP2A with prefrontal working memory processing. *Behavioural Brain Research* 316:125-130.

13. Rumiati R, Foroni F, **Pergola G**, Rossi P, Silveri MC (2016). Lexical-semantic deficits in processing food and non-food items. *Brain and Cognition* 110:120-130.

14. Foroni F, **Pergola G**, Rumiati RI. (2016). Food color is in the eye of the beholder: the role of human trichromatic vision in food evaluation. *Scientific Reports* 6:37034.

15. Taurisano P, Antonucci LA, Fazio L, Rampino A, Romano R, Porcelli A, Masellis R, Colizzi M, Quarto T, Torretta S, Di Giorgio A, **Pergola G**, Bertolino A, Blasi G (2016). Prefrontal activity during working memory is modulated by the interaction between variation of CB1 and COX2 coding genes and by frequency of cannabis use. *Cortex* 81: 231-238.

16. **Pergola G**, Danet L, Barbeau EJ, Eustache P, Planton M, Raposo N, Sibon I, Albucher JF, Bonneville F, Peran P, Pariente J. (2016) Thalamic amnesia after infarct: The role of the mammillothalamic tract and mediodorsal nucleus. *Neurology* 86(20):1928.

17. Antonucci LA, Taurisano P, Fazio L, Gelao B, Romano R, Quarto T, Porcelli A, Mancini M, Di Giorgio A, Caforio G, **Pergola G**, Popolizio T, Bertolino A, Blasi G. (2016). Association of familial risk for schizophrenia with thalamic and medial prefrontal functional connectivity during attentional control. *Schizophrenia Research* 173: 23-29.

18. **Pergola G**, Di Carlo P, Andriola I, Gelao B, Torretta S, Attrotto MT, Fazio L, Raio A, Albergo D, Masellis R, Rampino A, Blasi G, Bertolino A. (2016). Combined Effect of Genetic Variants in *GRIN2B* on Prefrontal Function during Working Memory Performance. *Psychological Medicine* 46: 1135-1150.

19. Amico F, Ambrosini E, Guillem F, Mento G, Power D, **Pergola G**, Vallesi A. (2015). The Virtual Tray of Objects Task as a Novel Method to Electrophysiologically Measure Visuo-Spatial Recognition Memory. *International Journal of Psychophysiology* 98(3): 477-489.

20. **Pergola G**, Selvaggi P, Trizio S, Bertolino A, Blasi G. (2015). The Role of the Thalamus in Schizophrenia from a Neuroimaging Perspective. *Neuroscience and Biobehavioral Reviews* 54: 57-75.

21. **Pergola G**, Bellebaum C, Suchan B. (2014). First come, last primed: FN400 reflects post-encoding editing of the memory trace. *Behavioral Brain Research* 266:63-76.

22. **Pergola G** and Suchan B (2013). Associative learning beyond the medial temporal lobe: many actors on the memory stage. *Frontiers in Behavioral Neuroscience* 7:162.

23. **Pergola G**, Ranft A, Mathias K, Suchan B (2013). The role of the thalamic nuclei in recognition memory accompanied by recall during encoding and retrieval: an fMRI study. *Neuroimage* 74:195-208.

24. **Pergola G**, Bellebaum C, Gehlhaar B, Koch B, Schwarz M, Daum I, Suchan B. (2013) The involvement of the thalamus in semantic retrieval: a clinical group study. *Journal of Cognitive Neuroscience* 25(6):872-86.

25. **Pergola G**, Suchan B, Koch B, Schwarz M, Daum I, Güntürkün O. (2013) Quantitative assessment of chronic thalamic stroke. *AJNR* 34:E51-E55.

26. **Pergola G**, Trotta M, Suchan B (2013). Asymmetric hemispheric contribution to ERPs in associative memory indexes goal relevance and quantity of information. *Behavioural Brain Research* 241C:7-16.

27. Foroni F, **Pergola G**, Argiris G, Rumiati RI (2013). The FoodCast Research Image Database (FRIDa). *Frontiers in Human Neuroscience* 7:51.

28. **Pergola G**, Güntürkün O, Koch B, Schwarz M, Daum I, Suchan B. (2012). Recall deficits in stroke patients with thalamic lesions covary with damage to the parvocellular mediodorsal nucleus of the thalamus. *Neuropsychologia* 50(10):2477-2491.

29. Peterburs J, **Pergola G**, Koch B, Schwarz M, Hoffmann KP, Daum I, Bellebaum C. (2011). Altered Error Processing following Vascular Thalamic Damage: Evidence from an Antisaccade Task. *PLoS ONE* 6(6): e21517. doi:10.1371/journal.pone.0021517.