

Listă de publicații

Publicatii in extenso

Indice H WOS – 12, Google Scholar – 15, Citări WOS (fără auto-citări) - n=847

2025

1. Dragu M., Niculescu G., **Tomescu M. I.**,* (2025) "EEG Microstates Signatures of rTMS Response Over the IDLPFC: A Band-Specific Analysis" Brain Topography, 10.1007/s10548-025-01146-7

2024

2. **Tomescu M. I.**, et al. (2024) "Social functioning predicts individual changes in EEG microstates following intranasal oxytocin administration: a double-blind, cross-over randomized clinical trial" Psychophysiology, <https://doi.org/10.1111/psyp.14581>

3. Nazare K., **Tomescu M. I.**,* (2024) "Valence-specific EEG microstate modulations during self-generated affective states" Frontiers in Psychology <https://doi.org/10.3389/fpsyg.2024.1300416>

4. Koenig T., et al., (2024) "EEG-meta-microstates: towards a more objective use of resting-state EEG microstate findings across studies" Brain Topography, <https://doi.org/10.1007/s10548-023-00993-6>

5. **Tomescu M.I.**, C Papasteri, A Sofonea, AI Berceanu, I Carcea, (2024), "Personality moderates intra-individual variability in EEG microstates and spontaneous thoughts" Brain Topography, <https://doi.org/10.1007/s10548-023-01019-x>

6. Chivu A., Pascal S.A., Damborská A., **Tomescu M.I.*** (2024) 'EEG microstates in Mood and Anxiety Disorders: A Meta-analysis' Brain Topography, <https://doi.org/10.1007/s10548-023-00999-0>

2022

7. **Tomescu M.I.**, Papasteri C.C., Sofonea A., Boldasu R., et al., (2022) "Spontaneous thought and microstate activity modulation by social imitation." NeuroImage, <https://doi.org/10.1016/j.neuroimage.2022.118878>

2020

8. Papasteri C.C., Sofonea A., Boldasu R., Poalelungi C, **Tomescu M.I.**, et al., (2020) "Social feedback during sensorimotor synchronization changes salivary oxytocin and behavioural states", Frontiers in Psychology, 11,2495, <https://doi.org/10.3389/fpsyg.2020.531046>

9. Baldini S., Pittau F., Boirot G., Rochas V., **Tomescu M.I.**, Vuillemoz S., Seeck M., (2020), "Detection of epileptic activity in presumably normal EEG", Brain Communications 2(2), 104 doi: 10.1093/braincomms/fcaa104

2019

10. Damborská A., **Tomescu M.I.**, Honzirková E., Barteček R., Hořínková I., Fedorová S., Ondruš S., Michel C.M. (2019) "EEG resting-state large-scale brain network dynamics are related to depressive symptoms", Frontiers in Psychiatry, doi.org/10.3389/fpsyg.2019.00548

11. Jan R. K., Rihs T.A. , Kojovic N., Sperdin H.F., Franchini M., Custo A., **Tomescu M.I.**, Michel C.M., and Schaer M., (2019) "Neural processing of dynamic animated social interactions in young children with autism spectrum disorders: A high-density electroencephalography study" Frontiers in Psychiatry, DOI: 10.3389/fpsyg.2019.00582

12. Cantonas L-M, **Tomescu M.I.**, Biria M., Jan R.K., Schneider M., Eliez S., Rihs T.A., Michel C.M., (2019) 'Abnormal development of early auditory processing in 22q11.2 Deletion Syndrome' Translational Psychiatry, 16; 9(1):138, DOI: 10.1038/s41398-019-0473-y

2018

13. **Tomescu M.I.**, Rihs T.A., Rochas V., Hardmeier M., Britz, J., Allali G., Fuhr P., Eliez S., and

Michel C.M. (2018). "From swing to cane: gender differences of EEG resting-state temporal patterns during maturation and aging" *Developmental Cognitive Neuroscience* 31(58-66), DOI: 10.1016/j.dcn.2018.04.011

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14. Biria M., **Tomescu M.I.**, Custo A., Cantonas L., Song K-W., Schneider M., Murray M.M., Eliez S., Michel C.M., and Rihs T.A. (2017). "Visual processing deficits in 22q11.2 deletion syndrome" *Neuroimage Clin* 17 (976-986), DOI: 10.1016/j.nicl.2017.12.028

15. Custo A., Van de Ville D., Wells W.M., **Tomescu M.I.**, and Michel C.M. (2017). "EEG Resting-State Networks: microstates' source localization" *Brain connectivity* 7(10), DOI: 10.1089/brain.2016.0476

16. Spring J.N., **Tomescu M.I.**, Barral J., (2017) "A single-bout of endurance exercise modulates EEG microstates." *Brain Topography*, DOI: 10.1007/s10548-017-0570-2
2016

17. Gschwind, M., M. Hardmeier, D. van de Ville, **Tomescu M. I.**, Penner I. K., Naegelin Y., Fuhr P., Michel C. M., and Seeck M. (2016). "Fluctuations of spontaneous EEG topographies predict disease state in relapsing-remitting multiple sclerosis." *Neuroimage Clin* **12**: 466-477, DOI: 10.1016/j.nicl.2016.08.008

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18. **Tomescu, M. I.**, Rihs T. A., Roinishvili M., Karahanoglu F. I., Schneider M., Menghetti S., Van de Ville D., Brand A., Chkonia E., Eliez S., Herzog M. H., Michel C. M., and C. Cappe (2015). "Schizophrenia patients and 22q11.2 deletion syndrome adolescents at risk express the same deviant patterns of resting state EEG microstates: A candidate endophenotype of schizophrenia." *Schizophrenia Research: Cognition* 2(3): 159:165, DOI: 10.1016/j.scog.2015.04.005