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FULL LIST OF PUBLICATIONS (JULY 30 2025) J=PUBLISHED JOURNAL PAPER, A = ACCEPTED, IN PRESS, P=PREPRINT, S=IN SUBMISSION, T=THESIS

- [J.1] Sjøgaard M, et al. (2025). **Hippocampal ripples predict motor learning during brief rest breaks in humans.** *Nature Communications*, 16: 6089.
- [J.2] Sjøgaard M, et al. (2025). **Increased sleep spindles in regions engaged during motor learning predict memory consolidation.** *Journal of Neuroscience*, Accepted, in press.
- [J.3] Sjøgaard M, et al. (2022). **A Novel Approach to Estimating the Cortical Sources of Sleep Spindles Using Simultaneous EEG/MEG.** *Frontiers in Neurology*, 13: 871166.
- [J.4] Costers L, ..., Sjøgaard M, ... (2021). **The role of hippocampal theta oscillations in working memory impairment in multiple sclerosis.** *Human Brain Mapping* 42(5): 1376-1390. *Frontiers in Neurology*, 13: 871166.
- [J.5] Elands S, ..., Sjøgaard M, ... (2021). **Early Venous Filling Following Thrombectomy: Association With Hemorrhagic Transformation and Functional Outcome.** *Frontiers in Neurology*, 12: 649079.
- [J.6] Sjøgaard M, et al. (2021). **Brain dysconnectivity relates to disability and cognitive impairment in multiple sclerosis.** *Human Brain Mapping*, 42(3): 626-643.
- [J.7] Van Schependorn J, ..., Sjøgaard M, ... (2021). **Increased brain atrophy and lesion load is associated with stronger lower alpha MEG power in multiple sclerosis patients.** *NeuroImage: Clinical*, 30: 102632.
- [J.8] Costers L, ..., Sjøgaard M, ... (2020). **Spatiotemporal and spectral dynamics of multi-item working memory as revealed by the n-back task using MEG.** *Human Brain Mapping*, 41(9): 2431-2446.
- [J.9] Naeije G, ..., Sjøgaard M, ... (2020). **Cerebellar cognitive disorder parallels cerebellar motor symptoms in Friedreich ataxia.** *Annals of Clinical and Translational Neurology*, 7(6):1050-1054.
- [J.10] Lamartine MM, ..., Sjøgaard M, ... (2020). **Electrophysiological evidence of spino-cortical proprioceptive tracts dysfunction in hereditary spastic paraplegia with thin corpus callosum.** *Clinical Neurophysiology*, 131(6): 1171.
- [J.11] Naeije G, ..., Sjøgaard M, ... (2020). **Age of onset determines intrinsic functional brain architecture in Friedreich ataxia.** *Annals of Clinical and Translational Neurology*, 7 (1): 94-104.
- [J.12] Van Schependorn J, ..., Sjøgaard M, ... (2019). **Altered transient brain dynamics in multiple sclerosis: Treatment or pathology?** *Human Brain Mapping*, 40(16): 4789-4800.
- [J.13] Sjøgaard M, et al. (2019). **Do the posterior midline cortices belong to the electrophysiological default-mode network?** *Neuroimage*, 200:221-230.
- [P.1] Sjøgaard M, et al. (2022). **Intrinsic/extrinsic duality of large-scale neural functional integration in the human brain.** *bioRxiv*.
- [P.2] Bruffaerts R, ..., Sjøgaard M, ... (2025) **Functional identification of language-responsive channels in individual participants in MEG investigations.** *bioRxiv*.
- [S.1] Sjøgaard M, et al. (2025). **Failure to increase regionally specific spindles after memory encoding predicts sleep-dependent consolidation deficits in schizophrenia.** *Manuscript submitted for publication*.