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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] **Sjøgård M**, et al. (2025). **Hippocampal ripples predict motor learning during brief rest breaks in humans**. *Nature Communications*, 16: 6089.

[J.2] **Sjøgård M**, et al. (2025). **Increased sleep spindles in regions engaged during motor learning predict memory consolidation**. *Journal of Neuroscience*, Accepted, in press.

[J.3] **Sjøgård 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, ..., **Sjøgård 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, ..., **Sjøgård M**, ... (2021). **Early Venous Filling Following Thrombectomy: Association With Hemorrhagic Transformation and Functional Outcome**. *Frontiers in Neurology*, 12: 649079.

[J.6] **Sjøgård 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 Schependom J, ..., **Sjøgård 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, ..., **Sjøgård 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, ..., **Sjøgård M**, ... (2020). **Cerebellar cognitive disorder parallels cerebellar motor symptoms in Friedreich ataxia**. *Annuals of Clinical and Translational Neurology*, 7(6):1050-1054.

[J.10] Lamartine MM, ..., **Sjøgård 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, ..., **Sjøgård M**, ... (2020). **Age of onset determines intrinsic functional brain architecture in Friedreich ataxia**. *Annuals of Clinical and Translational Neurology*, 7 (1): 94-104.

[J.12] Van Schependom J, ..., **Sjøgård M**, ... (2019). **Altered transient brain dynamics in multiple sclerosis: Treatment or pathology?** *Human Brain Mapping*, 40(16): 4789-4800.

[J.13] **Sjøgård M**, et al. (2019). **Do the posterior midline cortices belong to the electrophysiological default-mode network?** *Neuroimage*, 200:221-230.

[P.1] **Sjøgård M**, et al. (2022). **Intrinsic/extrinsic duality of large-scale neural functional integration in the human brain**. *bioRxiv*.

[P.2] Bruffaerts R, ..., **Sjøgård M**, ... (2025) **Functional identification of language-responsive channels in individual participants in MEG investigations**. *bioRxiv*.

[S.1] **Sjøgård M**, et al. (2025). Failure to increase regionally specific spindles after memory encoding predicts sleep-dependent consolidation deficits in schizophrenia. *Manuscript submitted for publication*.

[T.1] **Sjøgård M** (2016). **Environmental representations in patterns of activity along the anterior-posterior axis of the medial temporal lobe.** *MSc thesis*.

[T.2] **Sjøgård M** (2020). **Investigations of static and dynamic neuromagnetic resting state functional connectivity in healthy subjects and brain disorders.** *PhD thesis*.