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1	GPU-accelerated solutions of bioelectromagnetic forward problems	Matti Stenroos	Aalto University School of Science
2	Using MEG to identify intergroup bias and test psychological manipulations	Annika Kluge	Aalto University
3	Developmental trajectory of neural speech encoding mechanisms during the first year of life.	Marta Puertollano	University of Barcelona
4	Processing of concurrent spoken words and environmental sounds	Jesper Edström	Aalto University
5	MEG-based analysis of reward processing in MDD and anhedonia	Maria Vesterinen	University of Helsinki
6	Human sensorimotor beta event characteristics and aperiodic signal are highly heritable	Amande Pauls	Helsinki University
7	The Swedish National Facility for Magnetoencephalography Parkinson's Disease Dataset (v1.0)	Igori Comarovschii	Karolinska Institute
8	Can independent component analysis extract MEG reproducible subject-specific evoked-responses?	Silvia Federica Cotroneo	Aalto University
9	MEG-guided TMS speech cortical mapping: a pilot study	Salla Autti	Aalto University
10	Strengthening of alpha synchronization during working memory maintenance is a neural correlate of cognitive transfer	Julia Ericson	Karolinska Institutet
11	Cortex-wide topography of 1/f-exponent in Parkinson's disease	Pascal Helson	KTH
12	Interhemispheric Synchrony In Visual Working Memory	Judith Sattelberger	University of Helsinki
13	Denoising sensor noise with deep CNNs	Victoria Oberländer	Aalto university
14	Solving Dipole Sign-Ambiguity in Source-Reconstructed MEG data	Ryshum Ali	Aarhus University
15	Improving source estimation of retinotopic MEG responses with joint analysis of multiple subjects	Paavo Hietala	Aalto University
16	Decoding multiple imaginary same-hand naturalistic movements from MEG signals	Mila Nurminen	Aalto University
17	Reliable MEG functional brain connectivity related to language processing: behavioral, functional and structural properties behind the reliable connections	Heidi Ala-Salomäki	Aalto University
18	Capturing individual variation in children's oscillatory brain activity during nREM sleep	Verna Heikkinen	Aalto University
19	Effects of deep brain stimulation (DBS) on verbal fluency in Parkinson's disease: an MEG study	Andreas Højlund	Aarhus University
20	Hierarchical Kuramoto Modeling for Digital Twins of Brain Synchronization Dynamics	Alina Suleimanova	Aalto
21	A study protocol for AI-Mind – Artificial intelligence combined with neurophysiological and neuropsychological measures for dementia prediction	Timo Saarinen	HUS
22	Neural correlates of retrospective memory confidence during face-name associative learning	Weiyong Xu	University of Jyväskylä
23	Measurement and characterisation of human visual gamma-band responses with on-scalp magnetoencephalography	Mikael Grön	Aalto
24	Nordic MEG Hub - a collaboration between MEG labs in the Nordic countries	Orsolya Kolozsvári	University of Jyväskylä
25	Deep brain activity in a timing paradigm	Lau Møller Andersen	Aarhus University
26	Studying Semantic Integration	Shristi Baral	Aalto University
27	Aberrant neuronal oscillatory dynamics characterize preclinical and prodromal stages of Alzheimer's disease	Ehtasham Javed	University of Helsinki
28	Comparing fixation related responses in MEG and EEG, utilizing eye tracking in naturalistic sentence reading.	Ariane Tretow	University of Jyväskylä
29	Oscillatory mechanisms of serial and concurrent visual working memory	Alexandra Andersson	University of Helsinki
30	Discovering rhythmicity of neuronal oscillations	Vladislav Myrov	Aalto University
31	Alpha-band connectivity changes in aging	Santeri Ruuskanen	Aalto University
33	Proprioceptive response strength in the primary sensorimotor cortex is invariant to the range of finger movement	Timo Nurmi	Aalto University
34	Visual working memory contents sustained by network synchronization and desynchronization	Hamed Haque	University of Helsinki
35	Orchestration of language and motor systems in first and second language understanding	Lili Tian	University of Jyväskylä
36	Identifying neuronal biomarkers for depression with resting-state MEG	Wenya Liu	University of Helsinki
37	PAC changes between frontoparietal network and inferior temporal cortex during working memory training	Nieves Ruiz Ibáñez	Karolinska Institutet
38	Political Ideology and Empathy to Vicarious Suffering: An MEG Study	Niloufar Zebarjadi	Aalto University
39	Auditory cortical responses to natural sounds in chronic post-stroke aphasia	Maria Peltonen	Aalto University
40	Modulation of movement-related beta activity after spinal cord injury	Linda Niemelä	University of Helsinki, Aalto University
41	Neurotransmitter receptor density is correlated with phase and amplitude coupling in the human brain	Felix Siebenhühner	Helsinki University
42	Neurophysiological correlates of age-related changes in lexical-semantic processing	Pietari Nurmi	Aalto University
43	Brain responses to speech sounds in adults with and without childhood dyslexia	Aino Sorsa	JYU
44	MRI2surf: Fast and robust segmentation of structural MRI for electromagnetic source imaging	Amit Jaiswal	Megin Oy, Espoo, Finland
45	Hybrid MEG-MRI scanner: advances and new results	Koos Zevenhoven	Aalto University
46	Sensorimotor networks in Parkinson's disease: Search for informative biomarkers for predicting individual therapeutic effects.	Olesia Korsun	Aalto University
47	Modelling individual variation in resting-state MEG functional connectivity and power spectra	Joonas Haakana	Aalto University
48	Interpretable MEG decoding with convolutional neural networks	Ivan Zubarev	Aalto University
49	Tracking the temporal dynamics of semantic processing during object recognition	Gayane Ghazaryan	Aalto university
50	MEG hyperscanning meets network science: graph-theoretical exploration of intra- and inter-brain connectivity	Hannah Terborg	Aalto
51	Comparison between Speech Artifact Removal Methods for MEG Measurement	Sara Tuomaala	Aalto University
52	Convolutional networks can be used to model the functional modulation of MEG responses during reading	Marijn van Vliet	Aalto University
53	Target of selective auditory attention can be detected from unaveraged MEG	Dovile Kurmanaviciute	Aalto University
55	Alpha oscillations mediate more efficient anticipatory postural control in the bimanual load-lifting task	Viktoriia Manyukhina	Université Claude Bernard Lyon
56	MEG indices of post-stimulus inhibition scale proportional to the intensity or visual stimulation and are related to individual differences in sensory processing	Viktoriia Manyukhina	Université Claude Bernard Lyon
57	Detecting mild traumatic brain injury with MEG, normative modelling and machine learning	Mia Liljeström	Aalto University and Helsinki University Hospital
58	A biobank information management system for M/EEG and MRI data	Mia Liljeström	Aalto University and Helsinki University Hospital
59	Automated epileptic spike search in MEG-EEG using sparse dictionary learning	Liisa Helle	Aalto University / MEGIN Oy
60	MEG reveals spike-locked high-frequency oscillations in epilepsy patients with focal cortical dysplasia type 2	Liisa Helle	Aalto University / MEGIN Oy