

Verzeichnis der Originalpublikationen
Prof. Dr.-Ing. habil. Jens Haueisen

2022

1. Weise K, Numssen O, Kalloch B, Zier A, Thielscher A, Haueisen J, Hartwigsen G, Knoesche T: Precise motor mapping with transcranial magnetic stimulation. *Nature Protocols*, accepted, 2022
2. Schweitzer D, Haueisen J, Klemm M: Suppression of natural lens fluorescence in fundus autofluorescence measurements - review of hardware solutions. *Biomedical Optics Express*, 13(10):5151-5170, 2022
3. Nagel E, Dietzel A, Link D, Haueisen J, Klee S: Progrediente pigmentierte Fundusläsion nach 23 Jahren – Therapieren oder Beobachten? *Die Ophthalmologie*, accepted, 2022
4. Dölker EM, Lau S, Bernhard MA, Haueisen J: Perception thresholds and qualitative perceptions for electrocutaneous stimulation. *Scientific Reports*, 12(1):7335, 2022
5. Petković B, Ziolkowski M, Kutschka H, Toepfer H, Haueisen J: Accuracy Assessment of Simplified Computation of Active and Passive Magnetic Shielding for Optically Pumped Magnetometers. *IEEE Transactions on Magnetics*, 58(9):7401204, 2022
6. Fiedler P, Fonseca C, Supriyanto E, Zanow F, Haueisen J: A high-density 256-channel cap for dry electroencephalography. *Human Brain Mapping*, 43(4), 1295–1308, 2022
7. Voss A, Schroeder R, Schulz S, Haueisen J, Vogler S, Horn P, Stallmach A, Reuken P: Detection of liver dysfunction using an wearable electronic nose system based on semiconductor metal oxide sensors. *Biosensors*. *Biosensors*, 12:70, 2022
8. Khan A, Antonakakis A, Vogenauer N, Haueisen J, Wolters CH: Individually optimized multi-channel tDCS (mc-tDCS) targeting of the somatosensory P20/N20 source. *Clinical Neurophysiology*, 134:9–26, 2022

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14. Sabel BA, Kresinsky A, Cárdenas-Morales L, Haueisen J, Hunold A, Dannhauer A, Antal A: Evaluating current density modeling of non-invasive eye and brain electrical stimulation using phosphene thresholds. *IEEE in Transactions on Neural Systems & Rehabilitation Engineering*, 29: 2133 - 2141, 2021

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16. Vasconcelos B, Fiedler P, Machts R, Haueisen J, Fonseca C: The Arch Electrode: A Novel Dry Electrode Concept for Improved Wearing Comfort. *Frontiers in Neuroscience*, 15:748100, 2021
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