

## PUBLICATION-LIST JOHANNES MATHIS

### 1) Peer Reviewed publications in international scientific journals (\*\* Alphabetic sequence of Authors, ©Corresponding author)

1. H.R. Lüscher, **J. Mathis**, H. Schaffner. A dual time-voltage window discriminator for multiunit nerve spike decomposition. *J. Neurosci. Methods* 7: 99-105, 1983.
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12. **J. Mathis**, U. Seemann, Th. Weyh, C. Jakob and A. Struppler. The boundary effect in magnetic stimulation. Analysis at the peripheral nerve. *Electroencephalography and clinical Neurophysiology* 97: 238-245, 1995.
13. F. Rihs, **J. Mathis**, M. Gugger, Ch.W. Hess. Screening für Schlaf-Apnoe: Klinische Anwendung von MESAM IV® und Apnoe Check®. *Schweiz. Med. Wochenschr. (Praxis)* 125: 995-1002, 1995.
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18. C. Bassetti, **J. Mathis**, K.O. Lövlblad, Ch.W. Hess. Hypersomnia following thalamic stroke. *Ann. Neurol.* 39: 471-480, 1996.

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23. Z. Aranyi, **J. Mathis**<sup>®</sup>, C.W. Hess, K.M. Rösler. Task dependent facilitation of motor evoked potentials during dynamic and steady muscle contractions. *Muscle Nerve* 21:1309-1316, 1998.
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73. Heidemarie Gast MD, Markus Müller PhD, Christian Rummel PhD, Corinne Roth PhD, **Johannes Mathis** MD, Kaspar Schindler MD, PhD, Claudio L. Bassetti MD Epileptic seizures as condensed sleep: an analysis of network dynamics from electroencephalogram signals; *J Sleep Res.* 2014 Jun;23(3):268-73 PMID: 24329723; IF = 3.361
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