

## Publikationsverzeichnis – Privatdozent Dr. med. Andreas Joachim Bartsch

### I. Peer-Reviewed:

Voets, N. L., Bartsch, A. J., Plaha, P.. Functional MRI applications for intra-axial brain tumours: uses and nuances in surgical practice. *British Journal of Neurosurgery* 2022, in press.

Foucher, J. R., Bartsch, A. J., Mainberger, O., Vercueil, L., de Billy, C. C., Obrecht, A., Arcay, H., Berna, F., Clauss, J. M. E., Weibel, S., Hanke, M., Elowe, J., Schorr, B., Bregeon, E., Braun, B., Cetkovich, M., Jabs, B. E., Dorfmeister, T., Ungvari, G. S., Dormegny-Jeanjean, L. C. , Pfuhlmann, B.. Parakinesia: A Delphi consensus report. *Schizophrenia Res* 2022 (in press).

Foucher, J. R., Dormegny-Jeanjean, L. C. , Bartsch, A. J., Humbert, I., de Billy, C. C., Obrecht, A., Mainberger, O., Clauss, J. M. E., Waddington, J. L. R. Wolf, C., Hirjak, D. Morra, C., Ungvari, G., Schorr, B., Berna, F., Shorter, E.. Paratonia, Gegenhalten and psychomotor hypertonia Back to the roots. *Schizophrenia Research*, in press (<https://doi.org/10.1016/j.schres.2022.08.026>), 2022.

Whiteman, A. S., Bartsch, A. J., Kang, J., Johnson, T. D.. Bayesian inference for brain activity from functional magnetic resonance imaging collected at two spatial resolutions. *Annals of Applied Statistics* 2022, in press (see also <https://arxiv.org/abs/2103.13131>).

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Voets, N. L., Plaha, P., Parker Jones, O., Pretorius, P., Bartsch, A.. Presurgical localization of the primary sensorimotor cortex in gliomas. When is resting state fMRI beneficial and sufficient? *Clin Neuroradiol*. doi: 10.1007/s00062-020-00879-1, 2020.

Pfister, J., Blaimer, M., Kullmann, W.H., Bartsch, A.J., Jakob, P.M., and Breuer, F.A.. Simultaneous T1 and T2 measurements using inversion recovery TrueFISP with principle component-based reconstruction, off-resonance correction, and multicomponent analysis. *Magn Reson Med*. doi: 10.1002/mrm.27657, 2019.

Liu\*, Z., Bartsch\*, A. J., Berrocal, V. J., and Johnson, T.D.. A mixed-effects, spatially varying coefficients model with application to multi-resolution fMRI data. (\*equal contribution) *Statistical Methods in Medical Research*, doi: 10.1177/0962280217752378, 2018.

Geletneky, K., Bartsch, A., Weiss, C., Bernhard, H., Marchini, A., Rommelaere, J.. ATIM-40. High rate of objective anti-tumor response in 9 patients with glioblastoma after viro-immunotherapy with oncolytic parvovirus H-1 in combination with bevacicumab and PD-1 checkpoint blockade. *Neuro Oncol* 20(Suppl 6): vi10. <https://doi.org/10.1093/neuonc/nyy148.035>, 2018.

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Voets, N. L., Bartsch, A., Plaha, P.. Brain white matter fibre tracts: a review of functional neuro-oncological relevance. *J Neurol Neurosurg Psychiatry pii: jnnp-2017-316170. doi: 10.1136/jnnp-2017-316170*, 2017.

Rizos\*, T., Bartsch\*, A. J., Johnson, T. D., Dittgen, F., Nichols, T. E., Malzahn, U., Veltkamp, R.. Voxelwise distribution of acute ischemic stroke lesions in patients with newly diagnosed atrial fibrillation: Trigger of arrhythmia or only target of embolism? (*\*equal contribution*) *PLoS One 12(5):e0177474*, 2017.

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## II. Sonstige Publikationen

Miller, K.M., Bartsch, A.J., Smith, S.M.. Simultaneous Multi-Slice Imaging for Resting-State fMRI. *Magnetom FLASH* 63: 70 – 77, 2015.

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## IV. Titelbild- und Covergestaltungen:

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## V. Fachbezogene Videos / Vorträge:

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