

Caroline Köhler  
Academic Staff

Institute and Polyclinic of Diagnostic and Interventional Neuroradiology  
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## Qualifications

Master, Biomedizinische Technik, Saarland University of Applied Sciences  
2010 → 2014

Bachelor, Laser- und Optotechnologien, University of Applied Sciences Jena  
2007 → 2010

## Employment

### Academic Staff

Institute and Polyclinic of Diagnostic and Interventional Neuroradiology  
Technische Universität Dresden  
24 Aug 2022 → present

## Research outputs

### Atlas-based assessment of hypomyelination: Quantitative MRI in Pelizaeus-Merzbacher disease

Köhler, C., Kuntke, P., Sahoo, P., Wahl, H., Deoni, S. C. L., Gärtner, J., Dreha-Kulaczewski, S., & 1 others Kitzler, H. H., Sept 2024, In: Human brain mapping. 45, 13, e70014.

### Towards clinical translation of single-subject characterization of T1 changes to capture the extent of focal tissue damage in multiple sclerosis

Kuntke, P., Köhler, C., Hösel, L., Piredda, G. F., Di Noto, T., Caneschi, S., Roccaro, L., & 8 others Disselhorst, J. A., Bodenmann, T., Corredor Jerez, R. A., Kober, T., Hilbert, T., Maréchal, B., Ziemssen, T. & Kitzler, H., 7 May 2024.

### Exploring in vivo lesion myelination dynamics: Longitudinal Myelin Water Imaging in early Multiple Sclerosis

Kitzler, H. H., Wahl, H., Kuntke, P., Deoni, S. C. L., Ziemssen, T., Linn, J. & Köhler, C., 15 Sept 2022, In: NeuroImage: Clinical. 36 (2022), 10 p., 103192.

### Exploring individual multiple sclerosis lesion volume change over time: Development of an algorithm for the analyses of longitudinal quantitative MRI measures

Köhler, C., Wahl, H., Ziemssen, T., Linn, J. & Kitzler, H. H., 2019, In: NeuroImage: Clinical. 21, p. 101623 1 p.