

# Markus Zimmermann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7790526/publications.pdf>

Version: 2024-02-01

8  
papers

82  
citations

1478280  
6  
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1719901  
7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

105  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Quantitative MRI of cerebral white matter hyperintensities: A new approach towards understanding the underlying pathology. <i>NeuroImage</i> , 2019, 202, 116077.                                       | 2.1 | 19        |
| 2 | A Single-Scan, Rapid Whole-Brain Protocol for Quantitative Water Content Mapping With Neurobiological Implications. <i>Frontiers in Neurology</i> , 2019, 10, 1333.                                     | 1.1 | 19        |
| 3 | Accelerated Parameter Mapping of Multiple-Echo Gradient-Echo Data Using Model-Based Iterative Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 626-637.                          | 5.4 | 16        |
| 4 | A 3D two-point method for whole-brain water content and relaxation time mapping: Comparison with gold standard methods. <i>PLoS ONE</i> , 2018, 13, e0201013.   | 1.1 | 9         |
| 5 | Multi-Exponential Relaxometry Using $\ell_1$ -Regularized Iterative NNLS (MERLIN) With Application to Myelin Water Fraction Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2676-2686. | 5.4 | 8         |
| 6 | A novel MRI-based quantitative water content atlas of the human brain. <i>NeuroImage</i> , 2022, 252, 119014.   | 2.1 | 7         |
| 7 | Submillimeter $T_1$ mapping of rapidly relaxing compartments with gradient delay corrected spiral TAPIR and compressed sensing at 3T. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1288-1300.      | 1.9 | 4         |
| 8 | Efficient eddy current characterization using a 2D image-based sampling scheme and a model-based fitting approach. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2892-2903.                         | 1.9 | 0         |