

# Marco Battiston

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8249341/publications.pdf>

Version: 2024-02-01

13  
papers

220  
citations

1307594

7  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generic acquisition protocol for quantitative MRI of the spinal cord. Nature Protocols, 2021, 16, 4611-4632.	12.0	65
2	Multi-parametric quantitative in vivo spinal cord MRI with unified signal readout and image denoising. NeuroImage, 2020, 217, 116884.	4.2	34
3	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. Scientific Data, 2021, 8, 219.	5.3	27
4	Fast and reproducible in vivo T <sub>1</sub> mapping of the human cervical spinal cord. Magnetic Resonance in Medicine, 2018, 79, 2142-2148.	3.0	20
5	An optimized framework for quantitative magnetization transfer imaging of the cervical spinal cord in vivo. Magnetic Resonance in Medicine, 2018, 79, 2576-2588.	3.0	15
6	Reduced Field-of-View Diffusion-Weighted Imaging of the Lumbosacral Enlargement: A Pilot In Vivo Study of the Healthy Spinal Cord at 3T. PLoS ONE, 2016, 11, e0164890.	2.5	11
7	Fast bound pool fraction mapping via steady-state magnetization transfer saturation using single-shot EPI. Magnetic Resonance in Medicine, 2019, 82, 1025-1040.	3.0	8
8	Assessing Lumbar Plexus and Sciatic Nerve Damage in Relapsing-Remitting Multiple Sclerosis Using Magnetisation Transfer Ratio. Frontiers in Neurology, 2021, 12, 763143.	2.4	6
9	Deep Learning Model Fitting for Diffusion-Relaxometry: A Comparative Study. Mathematics and Visualization, 2021, , 159-172.	0.6	5
10	Comparison of multicenter MRI protocols for visualizing the spinal cord gray matter. Magnetic Resonance in Medicine, 2022, 88, 849-859.	3.0	4
11	Multi-echo quantitative susceptibility mapping: how to combine echoes for accuracy and precision at 3 Tesla. Magnetic Resonance in Medicine, 2022, 88, 2101-2116.	3.0	4
12	Feasibility of Data-Driven, Model-Free Quantitative MRI Protocol Design: Application to Brain and Prostate Diffusion-Relaxation Imaging. Frontiers in Physics, 2021, 9, .	2.1	2
13	Translating pH-sensitive PROgressive saturation for QUantifying Exchange rates using Saturation Times (PROQUEST) MRI to a 3T clinical scanner. Magnetic Resonance in Medicine, 2020, 84, 1734-1746.	3.0	1