

# Tanguy Duval

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2983261/publications.pdf>

Version: 2024-02-01

17  
papers

824  
citations

759233

12  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo histology of the myelin g-ratio with magnetic resonance imaging. <i>NeuroImage</i> , 2015, 118, 397-405.	4.2	256
2	Promise and pitfalls of g-ratio estimation with MRI. <i>NeuroImage</i> , 2018, 182, 80-96.	4.2	101
3	The impact of gradient strength on in vivo diffusion MRI estimates of axon diameter. <i>NeuroImage</i> , 2015, 106, 464-472.	4.2	95
4	In vivo mapping of human spinal cord microstructure at 300 mT/m. <i>NeuroImage</i> , 2015, 118, 494-507.	4.2	69
5	Axon and Myelin Morphology in Animal and Human Spinal Cord. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 129.	1.7	62
6	AxonSeg: Open Source Software for Axon and Myelin Segmentation and Morphometric Analysis. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 37.	2.5	46
7	Quantitative magnetization transfer imaging made easy with qMCPMTL: Software for data simulation, analysis, and visualization. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2015, 44A, 263-277.	0.5	39
8	qMRLab: Quantitative MRI analysis, under one umbrella. <i>Journal of Open Source Software</i> , 2020, 5, 2343.	4.6	36
9	Modeling white matter microstructure. <i>Functional Neurology</i> , 2016, 31, 217-228.	1.3	25
10	Arterial stiffness and white matter integrity in the elderly: A diffusion tensor and magnetization transfer imaging study. <i>NeuroImage</i> , 2019, 186, 577-585.	4.2	19
11	Axons morphometry in the human spinal cord. <i>NeuroImage</i> , 2019, 185, 119-128.	4.2	19
12	Scanâ€rescan of axcaliber, macromolecular tissue volume, and gâ€ratio in the spinal cord. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2759-2765.	3.0	17
13	AxonPacking: An Open-Source Software to Simulate Arrangements of Axons in White Matter. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 5.	2.5	12
14	Arterial stiffness cut-off value and white matter integrity in the elderly. <i>NeuroImage: Clinical</i> , 2020, 26, 102007.	2.7	11
15	Effect of cardiac-related translational motion in diffusion MRI of the spinal cord. <i>Magnetic Resonance Imaging</i> , 2018, 50, 119-124.	1.8	7
16	Construction of a rat spinal cord atlas of axon morphometry. <i>NeuroImage</i> , 2019, 202, 116156.	4.2	7
17	Rapid simultaneous acquisition of macromolecular tissue volume, susceptibility, and relaxometry maps. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 781-790.	3.0	3