Nico Papinutto

List of Publications by Year
in descending order

44 papers	2,026 citations	304743 22 h-index	289244 40 g-index
46 all docs	46 docs citations	46 times ranked	3228 citing authors

#	Article	IF	Citations
1	Long‐term evolution of multiple sclerosis disability in the treatment era. Annals of Neurology, 2016, 80, 499-510.	5.3	331
2	Silent progression in disease activity—free relapsing multiple sclerosis. Annals of Neurology, 2019, 85, 653-666.	5.3	265
3	Spinal cord gray matter atrophy correlates with multiple sclerosis disability. Annals of Neurology, 2014, 76, 568-580.	5.3	158
4	Identifying preoperative language tracts and predicting postoperative functional recovery using HARDI q-ball fiber tractography in patients with gliomas. Journal of Neurosurgery, 2016, 125, 33-45.	1.6	109
5	Spinal cord grey matter segmentation challenge. NeuroImage, 2017, 152, 312-329.	4.2	97
6	Volumetric Analysis from a Harmonized Multisite Brain MRI Study of a Single Subject with Multiple Sclerosis. American Journal of Neuroradiology, 2017, 38, 1501-1509.	2.4	95
7	Q-Ball of Inferior Fronto-Occipital Fasciculus and Beyond. PLoS ONE, 2014, 9, e100274.	2.5	84
8	Association Between Thoracic Spinal Cord Gray Matter Atrophy and Disability in Multiple Sclerosis. JAMA Neurology, 2015, 72, 897.	9.0	78
9	Generic acquisition protocol for quantitative MRI of the spinal cord. Nature Protocols, 2021, 16, 4611-4632.	12.0	65
10	Age, Gender and Normalization Covariates for Spinal Cord Gray Matter and Total Cross-Sectional Areas at Cervical and Thoracic Levels: A 2D Phase Sensitive Inversion Recovery Imaging Study. PLoS ONE, 2015, 10, e0118576.	2.5	54
11	Neurite Orientation Dispersion and Density Imaging Color Maps to Characterize Brain Diffusion in Neurologic Disorders. Journal of Neuroimaging, 2016, 26, 494-498.	2.0	53
12	Structural connectivity of the human anterior temporal lobe: A diffusion magnetic resonance imaging study. Human Brain Mapping, 2016, 37, 2210-2222.	3.6	47
13	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: *in vivo* assessment of structural changes. Brain, 2016, 139, 1735-1746.	7.6	44
14	White matter involvement in sporadic Creutzfeldt-Jakob disease. Brain, 2014, 137, 3339-3354.	7.6	42
15	Differential intrinsic functional connectivity changes in semantic variant primary progressive aphasia. NeuroImage: Clinical, 2019, 22, 101797.	2.7	40
16	Spinal Cord Atrophy Predicts Progressive Disease in Relapsing Multiple Sclerosis. Annals of Neurology, 2022, 91, 268-281.	5.3	39
17	Power estimation for non-standardized multisite studies. NeuroImage, 2016, 134, 281-294.	4.2	36
18	Gray matter segmentation of the spinal cord with active contours in MR images. NeuroImage, 2017, 147, 788-799.	4.2	32

#	Article	IF	Citations
19	Reproducibility and biases in high field brain diffusion MRI: An evaluation of acquisition and analysis variables. Magnetic Resonance Imaging, 2013, 31, 827-839.	1.8	31
20	Intersubject Variability and Normalization Strategies for Spinal Cord Total Cross‐Sectional and Gray Matter Areas. Journal of Neuroimaging, 2020, 30, 110-118.	2.0	31
21	2D phase‐sensitive inversion recovery imaging to measure in vivo spinal cord gray and white matter areas in clinically feasible acquisition times. Journal of Magnetic Resonance Imaging, 2015, 42, 698-708.	3.4	29
22	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T_1‐weighted brain MRI acquisitions. Magnetic Resonance in Medicine, 2018, 79, 1595-1601.	3.0	27
23	Multisite reliability and repeatability of an advanced brain MRI protocol. Journal of Magnetic Resonance Imaging, 2019, 50, 878-888.	3.4	27
24	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. Scientific Data, 2021, 8, 219.	5.3	27
25	An Automated Statistical Technique for Counting Distinct Multiple Sclerosis Lesions. American Journal of Neuroradiology, 2018, 39, 626-633.	2.4	24
26	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. NeuroImage: Clinical, 2018, 18, 814-821.	2.7	24
27	Evaluation of Intra‐and Interscanner Reliability of MRI Protocols for Spinal Cord Gray Matter and Total Cross‐Sectional Area Measurements. Journal of Magnetic Resonance Imaging, 2019, 49, 1078-1090.	3.4	21
28	Investigating Microstructural Abnormalities and Neurocognition in Sub-Acute and Chronic Traumatic Brain Injury Patients with Normal-Appearing White Matter: A Preliminary Diffusion Tensor Imaging Study. Frontiers in Neurology, 2017, 8, 97.	2.4	18
29	Neurite Orientation Dispersion and Density Imaging for Assessing Acute Inflammation and Lesion Evolution in MS. American Journal of Neuroradiology, 2020, 41, 2219-2226.	2.4	14
30	Interpersonal Competence in Young Adulthood and Right Laterality in White Matter. Journal of Cognitive Neuroscience, 2014, 26, 1257-1265.	2.3	13
31	Retrospective head motion correction approaches for diffusion tensor imaging: Effects of preprocessing choices on biases and reproducibility of scalar diffusion metrics. Journal of Magnetic Resonance Imaging, 2016, 43, 99-106.	3.4	13
32	The NAIMS cooperative pilot project: Design, implementation and future directions. Multiple Sclerosis Journal, 2018, 24, 1770-1772.	3.0	12
33	Measurement of spinal cord atrophy using phase sensitive inversion recovery (PSIR) imaging in motor neuron disease. PLoS ONE, 2018, 13, e0208255.	2.5	10
34	Secure attachment status is associated with white matter integrity in healthy young adults. NeuroReport, 2015, 26, 1106-1111.	1.2	8
35	MRI Measurement of Upper Cervical Spinal Cord Cross‐Sectional Area in Children. Journal of Neuroimaging, 2020, 30, 598-602.	2.0	7
36	Imaging correlates of visual function in multiple sclerosis. PLoS ONE, 2020, 15, e0235615.	2.5	5

#	ARTICLE	IF	CITATIONS
37	Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients. NeuroImage: Clinical, 2022, 34, 102985.	2.7	5
38	Multisite MRI reproducibility of lateral ventricular volume using the NAIMS cooperative pilot dataset. Journal of Neuroimaging, 2022, 32, 910-919.	2.0	2
39	Longitudinal Disconnection Tractograms to Investigate the Functional Consequences of White Matter Damage: An Automated Pipeline. Journal of Neuroimaging, 2020, 30, 443-457.	2.0	1
40	Reply to â€œSpinal Cord Atrophy Is a Preclinical Marker of Progressive <scp>MS</scp>â€∙ Annals of Neurology, 2022, 91, 735-736.	5.3	0
41	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
42	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
43	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
44	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0