

# Nico Papinutto

## List of Publications by Year in descending order

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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	Spinal Cord Atrophy Predicts Progressive Disease in Relapsing Multiple Sclerosis. <i>Annals of Neurology</i> , 2022, 91, 268-281.	5.3	39
2	Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients. <i>NeuroImage: Clinical</i> , 2022, 34, 102985.	2.7	5
3	Reply to "Spinal Cord Atrophy Is a Preclinical Marker of Progressive MS". <i>Annals of Neurology</i> , 2022, 91, 735-736.	5.3	0
4	Multisite MRI reproducibility of lateral ventricular volume using the NAIMS cooperative pilot dataset. <i>Journal of Neuroimaging</i> , 2022, 32, 910-919.	2.0	2
5	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. <i>Scientific Data</i> , 2021, 8, 219.	5.3	27
6	Generic acquisition protocol for quantitative MRI of the spinal cord. <i>Nature Protocols</i> , 2021, 16, 4611-4632.	12.0	65
7	Intersubject Variability and Normalization Strategies for Spinal Cord Total Cross-sectional and Gray Matter Areas. <i>Journal of Neuroimaging</i> , 2020, 30, 110-118.	2.0	31
8	MRI Measurement of Upper Cervical Spinal Cord Cross-sectional Area in Children. <i>Journal of Neuroimaging</i> , 2020, 30, 598-602.	2.0	7
9	Imaging correlates of visual function in multiple sclerosis. <i>PLoS ONE</i> , 2020, 15, e0235615.	2.5	5
10	Neurite Orientation Dispersion and Density Imaging for Assessing Acute Inflammation and Lesion Evolution in MS. <i>American Journal of Neuroradiology</i> , 2020, 41, 2219-2226.	2.4	14
11	Longitudinal Disconnection Tractograms to Investigate the Functional Consequences of White Matter Damage: An Automated Pipeline. <i>Journal of Neuroimaging</i> , 2020, 30, 443-457.	2.0	1
12	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
13	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
14	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
15	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
16	Multisite reliability and repeatability of an advanced brain MRI protocol. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 878-888.	3.4	27
17	Differential intrinsic functional connectivity changes in semantic variant primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2019, 22, 101797.	2.7	40
18	Silent progression in disease activity-free relapsing multiple sclerosis. <i>Annals of Neurology</i> , 2019, 85, 653-666.	5.3	265

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19	Evaluation of Intra- and Interscanner Reliability of MRI Protocols for Spinal Cord Gray Matter and Total Cross-sectional Area Measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1078-1090.	3.4	21
20	An Automated Statistical Technique for Counting Distinct Multiple Sclerosis Lesions. <i>American Journal of Neuroradiology</i> , 2018, 39, 626-633.	2.4	24
21	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. <i>NeuroImage: Clinical</i> , 2018, 18, 814-821.	2.7	24
22	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T <sub>1</sub> -weighted brain MRI acquisitions. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1595-1601.	3.0	27
23	The NAIMS cooperative pilot project: Design, implementation and future directions. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1770-1772.	3.0	12
24	Measurement of spinal cord atrophy using phase sensitive inversion recovery (PSIR) imaging in motor neuron disease. <i>PLoS ONE</i> , 2018, 13, e0208255.	2.5	10
25	Spinal cord grey matter segmentation challenge. <i>NeuroImage</i> , 2017, 152, 312-329.	4.2	97
26	Volumetric Analysis from a Harmonized Multisite Brain MRI Study of a Single Subject with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2017, 38, 1501-1509.	2.4	95
27	Gray matter segmentation of the spinal cord with active contours in MR images. <i>NeuroImage</i> , 2017, 147, 788-799.	4.2	32
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. <i>Frontiers in Neurology</i> , 2017, 8, 97.	2.4	18
29	Structural connectivity of the human anterior temporal lobe: A diffusion magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2016, 37, 2210-2222.	3.6	47
30	Neurite Orientation Dispersion and Density Imaging Color Maps to Characterize Brain Diffusion in Neurologic Disorders. <i>Journal of Neuroimaging</i> , 2016, 26, 494-498.	2.0	53
31	Retrospective head motion correction approaches for diffusion tensor imaging: Effects of preprocessing choices on biases and reproducibility of scalar diffusion metrics. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 99-106.	3.4	13
32	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: <i>in vivo</i> assessment of structural changes. <i>Brain</i> , 2016, 139, 1735-1746.	7.6	44
33	Long-term evolution of multiple sclerosis disability in the treatment era. <i>Annals of Neurology</i> , 2016, 80, 499-510.	5.3	331
34	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , 2016, 134, 281-294.	4.2	36
35	Identifying preoperative language tracts and predicting postoperative functional recovery using HARDI q-ball fiber tractography in patients with gliomas. <i>Journal of Neurosurgery</i> , 2016, 125, 33-45.	1.6	109
36	Secure attachment status is associated with white matter integrity in healthy young adults. <i>NeuroReport</i> , 2015, 26, 1106-1111.	1.2	8

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37	2D phase-sensitive inversion recovery imaging to measure in vivo spinal cord gray and white matter areas in clinically feasible acquisition times. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 698-708.	3.4	29
38	Association Between Thoracic Spinal Cord Gray Matter Atrophy and Disability in Multiple Sclerosis. <i>JAMA Neurology</i> , 2015, 72, 897.	9.0	78
39	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. <i>PLoS ONE</i> , 2015, 10, e0118576.	2.5	54
40	Q-Ball of Inferior Fronto-Occipital Fasciculus and Beyond. <i>PLoS ONE</i> , 2014, 9, e100274.	2.5	84
41	Interpersonal Competence in Young Adulthood and Right Laterality in White Matter. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1257-1265.	2.3	13
42	Spinal cord gray matter atrophy correlates with multiple sclerosis disability. <i>Annals of Neurology</i> , 2014, 76, 568-580.	5.3	158
43	White matter involvement in sporadic Creutzfeldt-Jakob disease. <i>Brain</i> , 2014, 137, 3339-3354.	7.6	42
44	Reproducibility and biases in high field brain diffusion MRI: An evaluation of acquisition and analysis variables. <i>Magnetic Resonance Imaging</i> , 2013, 31, 827-839.	1.8	31